

- 9.4.3.2 Unless expressly authorized in writing by parties, LIDB Validation is not to be used for purposes other than validating ABS-related calls. CLEC may use LIDB Validation for such functions only on a call-by-call basis.
- 9.4.3.3 Proprietary information residing in SWBT's LIDB is protected from unauthorized access and CLEC may not store such information in any table or database for any reason. All information related to alternate billing service is proprietary. Examples of proprietary information are as follows:
- Billed (Line/Regional Accounting Office (RAO)) Number
 - PIN Number(s)
 - Billed Number Screening (BNS) indicators
 - Class of Service (also referred to as Service or Equipment)
 - Reports on LIDB usage
 - Information related to billing for LIDB usage
 - LIDB usage statistics.
- 9.4.3.4 CLEC agrees that it will not copy, store, maintain, or create any table or database of any kind that is based upon a response to a query to SWBT's LIDB.
- 9.4.3.5 If CLEC acts on behalf of other carriers to access SWBT's LIDB Validation, CLEC will contractually prohibit such carriers from copying, storing, maintaining, or creating any table or database of any kind from any response provided by SWBT after a Validation query to SWBT's LIDB.
- 9.4.3.6 SWBT will share end user information, pertinent to fraud investigation, with CLEC when validation queries for the specific end user reaches SWBT's established fraud threshold level. This fraud threshold level will be applied uniformly to all end user information in SWBT's LIDB.
- 9.4.3.7 Nothing in Sections 9.4.3.1 through 9.4.3.7 is intended to restrict CLEC's use or storage of CLEC data created or acquired independently of SWBT's LIDB Validation.
- 9.4.4 LIDB Storage and Administration
- 9.4.4.1 Definitions:
- 9.4.4.1.1 **Data Base Administration Center (DBAC)** - A SWBT location where facility and administrative personnel are located for administering LIDB and/or Sleuth.
- 9.4.4.1.2 **Group** - For the purpose of this Attachment, a specific NPA-NXX and/or NPA-0/1XX combination.

- 9.4.4.1.3 **Group Record** - Information in LIDB or LVAS that is common to all lines or billing records in an NPA-NXX or NPA-0/1XX.
- 9.4.4.1.4 **LIDB Editor** - A database editor located at the SCP where LIDB resides. LIDB Editor provides emergency access to LIDB that bypasses the service management system for LIDB.
- 9.4.4.1.5 **Line Validation Administration System (LVAS)** - An off-line administrative system, used by SWBT to add, delete and change information in LIDB. For purposes of this Attachment, LVAS is SWBT's service management system for LIDB.
- 9.4.4.1.6 **Line Record** - Information in LIDB or LVAS that is specific to a single telephone number or Special Billing Number.
- 9.4.4.1.7 **Toll Billing Exception (TBE)** - A LIDB option that allows end users to restrict third number billing or collect calls to their lines.
- 9.4.4.1.8 **Service Management System (SMS)** - An off-line system used to access, create, modify, or update information in LIDB. For the purposes of this Attachment, the SMS for LIDB is LVAS.
- 9.4.4.1.9 **Sleuth** - An off-line administration system that SWBT uses to monitor suspected occurrences of ABS-related fraud. Sleuth uses a systematic pattern analysis of query message data to identify potential incidences of fraud that may require investigation. Detection parameters are based upon vendor recommendations and SWBT's analysis of collected data and are subject to change from time to time.
- 9.4.4.1.10 **Special Billing Number (SBN) Account Groups** - Line records in LIDB that are based on an NPA-0/1XX numbering format. NPA-0/1XX numbering formats are similar to NPA-NXX formats except that the fourth digit of an NPA-0/1XX line record is either a zero (0) or a one (1).
- 9.4.4.1.11 **Tape Load Facility** - A separate data entry point at the SCP where LIDB resides. The tape load facility provides direct access to LIDB for data administration and bypasses the service management system of SWBT's LIDB.
- 9.4.4.1.12 **Translation Type** - A code in the Signaling Connection Control Point (SCCP) of the SS7 signaling message. Translation Types are used for routing LIDB queries. Signal Transfer Points (STPs) use Translation Types to identify the routing table used to route a LIDB query. Currently, all LIDB queries against the same exchange and Translation Type are routed to the same LIDB.
- 9.4.4.2 General Description and Terms

- 9.4.4.2.1 SWBT's LIDB is connected directly to a service management system (i.e., LVAS), a database editor (i.e., LIDB Editor), and a tape load facility. Each of these facilities, processes, or systems, provide SWBT with the capability of creating, modifying, changing, or deleting, line/billing records in LIDB. SWBT's LIDB is also connected directly to an adjunct fraud monitoring system (i.e., Sleuth).
- 9.4.4.2.2 From time-to-time, SWBT enhances its LIDB to create new services and/or LIDB functionalities. Such enhancements may involve the creation of new line-level or group-level data elements in LIDB. SWBT will coordinate with CLEC to provide CLEC with the opportunity to update its data concurrent with SWBT's updates of SWBT's own data. Both parties understand and agree that some LIDB enhancements will require LSP to update its line/billing records with new or different information.
- 9.4.4.2.3 Administration of the SCP on which LIDB resides, as well as any system or query processing logic that applies to all data resident on SWBT's LIDB is, and remains, the responsibility of SWBT. CLEC understands and agrees that SWBT, in its role as system administrator, may need to access any record in LIDB, including any such records of CLEC. SWBT will limit such access to those actions necessary to ensure the successful operation and administration of SWBT's SCP and LIDB.
- 9.4.4.2.4 SWBT does not presently have data screening capability in LIDB. Data Screening is the ability of a LIDB owner to deny complete or partial access to LIDB data or processes. At such time as SWBT has LIDB Data Screening capability for individual data owners, including itself, it will make that capability available to CLEC.
- 9.4.4.2.5 On behalf of third parties who query LIDB for CLEC data and receive a response verifying the end user's willingness to accept the charges for the underlying call, CLEC at its election either will bill the appropriate charges to end users or will provide all necessary billing information needed by the third party to bill for the services provided.
- 9.4.4.2.6 Upon receipt of the Line Record from CLEC, SWBT will provide the functionality needed to perform the following query/response functions, on a call-by-call basis, for the line records residing in SWBT's LIDB to: (1) validate a 14-digit billing number where the first 10 digits are a telephone number or a special billing number assigned and the last four digits (PIN) are a security code assignment; (2) determine whether the billed line automatically rejects, accepts, or requires verification of certain calls billed as collect or third number; and (3) determine whether the billed line is a public telephone number using the Class of Service Information in LIDB.
- 9.4.4.2.7 To the extent that CLEC stores its own Validation information in a database other than SWBT's, such information will be made available to SWBT through an industry standard technical interface and on terms and conditions set forth by tariff or by a separate agreement between SWBT and the database provider. SWBT agrees to

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

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

9.4.4.3 Line Validation Administration System (LVAS)

- 9.4.4.3.1 LVAS provides CLEC with the capability to access, create, modify, or update information in LIDB. LVAS has two electronic interfaces. These interfaces are the Service Order Entry Interface and the Interactive Interface. If not claimed by CLEC, a LIDB record may be considered abandoned by SWBT and deleted from the LIDB database. However, a LIDB record shall not be considered abandoned for at least 21 days beyond the date that SWBT sends a Service Order Completion (SOC) to CLEC to indicate that a service order has been completed.
- 9.4.4.3.2 For UNE-P orders, SWBT shall work within the change management process to develop functionality that will enable it to populate the LIDB database based on information provided by CLEC through the initial LSR establishing a new connect or migration of CLEC's end user customer. SWBT shall provide these enhancements to CLEC for testing on or before December 15, 1999, with implementation scheduled for mid-January, 2000.
- 9.4.4.3.3 Concurrent with implementation of the LIDB record population functionality for UNE-P orders referenced in § 9.4.4.3.2 above, SWBT will provide CLEC with the option of either: 1) utilizing unbundled access to LVAS through the interfaces described in § 9.4.4.3.1 for the purpose of creating, modifying, updating or deleting its LIDB information; or 2) electing to have SWBT provide ongoing administration of LIDB updates. These two options are mutually exclusive, and may not be used in conjunction with each other. For on-going administration of the LIDB record via the LSR, SWBT will work within the change management process to mechanize its LIDB administration offering. SWBT shall work within the Change Management Process to provide this functionality to CLEC prior to December 31, 2000. An interim performance measurement approved by the Commission shall apply until this functionality is available.
- 9.4.4.3.4 There is no separate charge for CLEC's use of LVAS under this Agreement.

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

9.4.4.4 Service Order Entry Interface

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

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

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

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

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

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

9.4.4.5 Interactive Interface

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

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

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

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

9.4.4.6 Tape Load Facility Interface

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

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

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

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

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

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

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

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

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

9.4.4.7 LIDB Editor Interface

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

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

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

9.4.5 Audits

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

9.4.5.1 LIDB Audit

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

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

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

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

9.4.5.2 Billing System Audit

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

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

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

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

9.4.5.2.4.1 Scheduled Audits:

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

9.4.5.2.4.2 Unscheduled Audits:

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

9.4.6 Sleuth

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

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

- 9.4.6.3 SWBT's Sleuth investigators can access alerts only in the order the alerts appear in the queue. Low alerts almost never see investigator treatment. However, when Sleuth encounters a number of low priority alerts on the same account, Sleuth may upgrade the alert's status to a higher priority status.
- 9.4.6.4 When a Sleuth investigator determines that an urgent, high, or medium priority alert is for an CLEC account, the Sleuth investigator will print the alert from the queue and fax the alert to the CLEC. Sleuth alerts only identify potential occurrences of fraud. SWBT will not perform its own investigation to determine whether a fraud situation actually exists for an CLEC account. CLEC will determine what, if any action it should take as a result of a Sleuth alert.
- 9.4.6.5 SWBT's hours of operation for Sleuth are seven days a week, twenty-four hours per day (7X24). CLEC will provide SWBT with a contact name and fax number for SWBT to fax alerts from SWBT's Sleuth DBAC.
- 9.4.6.6 SWBT will provide CLEC with a Sleuth contact name and number, including fax number, for CLEC to contact the Sleuth DBAC.
- 9.4.6.7 For each alert notification SWBT provides to CLEC, CLEC may request a corresponding 30-day historical report of ABS-related query processing. CLEC may request up to three reports per alert.
- 9.4.7 Technical Requirements
- 9.4.7.1 SWBT will enable CLEC to store in SWBT's LIDB any customer Line Number or Special Billing Number record, whether ported or not, for which the NPA-NXX or NXX-0/1XX Group is supported by that LIDB.
- 9.4.7.2 For the LIDB unbundled Network Element, the Technical Publication or other written description provided for in Section 2.17.2 will include a description of the data elements required to support LIDB-based query processing.
- 9.4.7.3 SWBT, and any SWBT agents who administer data in SWBT's LVAS, will not provide any access to or use of CLEC line-record data in LVAS by any third party that is not authorized by CLEC in writing.
- 9.5 CNAM Service Query
- 9.5.1 Definitions
- 9.5.1.1 Calling Name Delivery Service (CNDS) enables the terminating end user to identify the calling party by a displayed name before the call is answered. The calling party's

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

- 9.5.1.1.1 Pricing for CNAM Service Query, Query Transport, and Point Code Addition is described in Section 9.4.1.1 and prices are found in Appendix Pricing UNE - Schedule of Prices.
- 9.5.1.2 CNAM Service Query allows CLEC to query SWBT's Calling Name database for Calling Name information in order to deliver that information to CLEC's local subscribers.
- 9.5.1.3 Calling Name database means a Party's database containing current Calling Name information of all working lines served or administered by that Party, including the Calling Name information of any telecommunications company participating in that Party's Calling Name database.
- 9.5.1.4 Calling Name information means telecommunications companies' records of all of their subscribers' names associated with one or more assigned ten-digit telephone numbers.
- 9.5.1.5 Name Record Administering Companies means telecommunications companies that administer telephone number assignments to the public and which make their Calling Name information available in a Party's Calling Name database.
- 9.5.2 Description of Service
 - 9.5.2.1 Each Party will provide to the other Party access to Calling Name information whenever the other Party initiates a query from an SSP for such information associated with a call terminating to a CNDS subscriber served by either Party.
 - 9.5.2.2 All CLEC validation queries to SWBT's LIDB will use a translation type (TT) of 005 and a subsystem number in the calling party address field that is mutually agreed upon.
 - 9.5.2.3 SWBT may employ certain automatic and/or manual overload controls to protect SWBT's CCS/SS7 network. SWBT will report to CLEC any instances where overload controls are invoked due to CLEC's CCS/SS7 network and CLEC agrees in such cases to take corrective action to the same extent SWBT prescribes for itself. Any network management controls found necessary to protect CNAM Service Query from an overload condition will be applied based on non-discriminatory guidelines

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

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

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

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

9.5.3 Ownership of the Calling Name Information

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

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

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

- Billed (Line/Regional Accounting Office (RAO)) Number
 - PIN Number(s)
 - Billed Number Screening (BNS) indicators
 - Class of Service (also referred to as Service or Equipment)
 - Reports on LIDB usage
 - Information related to billing for LIDB usage
 - LIDB usage statistics.
- 9.5.3.4 CLEC agrees that it will not copy, store, maintain, or create any table or database of any kind that is based upon a response to a query to SWBT's LIDB.
- 9.5.3.5 If CLEC acts on behalf of other carriers to access SWBT's CNAM Service Query, CLEC will contractually prohibit such carriers from copying, storing, maintaining, or creating any table or database of any kind from any response provided by SWBT after a CNAM Service Query query to SWBT's LIDB.
- 9.5.3.6 Nothing in Sections 9.5.3.1 through 9.5.3.5 is intended to restrict CLEC's use or storage of CLEC data created or acquired independently of SWBT's CNAM Service Query.
- 9.5.3.7 SWBT will furnish Calling Name information only as accurate and current as the information has been provided to SWBT for inclusion in its CNAM database.
- 9.5.3.8 The Parties acknowledge that each Calling Name database limits the Calling Name information length to fifteen (15) characters. As a result, the Calling Name information provided in a response to a Query may not reflect a subscriber's full name. Name records of residential local telephone subscribers will generally be stored in the form of last name followed by first name (separated by a comma or space) to a maximum of fifteen (15) characters. Name records of business local telephone subscribers will generally be stored in the form of the first fifteen (15) characters of the listed business name that in some cases may include abbreviations. The Parties also acknowledge that certain local telephone service subscribers of Name Record Administering Companies may require their name information to be restricted, altered, or rendered unavailable.
- 9.5.3.9 The Parties acknowledge that certain federal and/or state regulations require that local exchange telephone companies make available to their subscribers the ability to block the delivery of their telephone number and/or name information to the terminating telephone when the subscriber originates a telephone call. This blocking can either be on a call-by-call basis or on an every call basis. Similarly, a party utilizing blocking services can unblock on a call-by-call or every call basis. CLEC will abide by information received in SS7 protocol during call set-up that the calling telephone service subscriber wishes to block or unblock the delivery of telephone number and/or

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

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

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

9.6 Toll Free Number Database

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

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

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

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

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

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

- 9.6.5.1 The Designated 10-Digit Translation feature converts the 800 number into a designated 10-digit number. If the 800 Service Provider provides the designated 10-digit number associated with the 800 number and requests delivery of the designated 10-digit number in place of the 800 number, SWBT will deliver the designated 10-digit number.
- 9.6.5.2 The Call Validation feature limits calls to an 800 number to calls originating only from an 800 Subscriber's customized service area. Calls originating outside the area will be screened and an out of band recording will be returned to the calling party.
- 9.6.5.3 The Call Handling and Destination feature allows routing of 800 calls based on one or any combination of the following: time of day, day of week, percent allocation and specific 10 digit ANI.
- 9.6.6 Access to the Toll Free Calling Database is offered separate and apart from other unbundled network elements necessary for operation of the network routing function addressed in these terms and conditions, e.g., end office 800 SSP functionality and CCS/SS7 signaling.
- 9.6.7 CLEC will address its queries to SWBT's database to the alias point code of the STP pair identified by SWBT. CLEC's queries will use subsystem number 0 in the calling party address field and a translations type of 254 with a routing indicator set to route on global title. CLEC acknowledges that such subsystem number and translation type values are necessary for SWBT to properly process queries to its 800 database.
- 9.6.8 SWBT may employ certain automatic and/or manual overload controls to protect SWBT's CCS/SS7 network. SWBT will report to CLEC any instances where overload controls are invoked due to CLEC's CCS/SS7 network and CLEC agrees in such cases to take corrective action to the same extent SWBT prescribes for itself. Any network management controls found necessary to protect Toll Free Network Element from an overload condition will be applied based on non-discriminatory guidelines and procedures. Such management controls will be applied to the specific problem source to the extent technically feasible.
- 9.6.9 CLEC will only use Access to the Toll Free Calling Database to determine the routing requirements for originating 800 calls. CLEC will not copy, store, maintain, or create any

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

- 9.6.10 CLEC will ensure that it has sufficient link capacity and related facilities to handle its signaling and toll free traffic without adversely affecting other network subscribers and that the SSP Provider has transmitted the appropriate subsystem number and translation type.
- 9.6.11 SWBT provides access to the Toll Free Calling Database (TFCDB) as set forth in this Attachment only as such service is used for CLEC's LSP activities on behalf of its Missouri local service customers where SWBT is the incumbent local exchange carrier. CLEC agrees that any other use of SWBT's TFCDB for the provision of 800 database service by CLEC will be pursuant to the terms, conditions, rates, and charges of SWBT's effective tariffs, as revised, for 800 database services.

9.7 AIN Call Related Database

- 9.7.1 Definition: The AIN is a Network Architecture that uses distributed intelligence in centralized databases to control call processing and manage network information, rather than performing those functions at every switch.
- 9.7.2 SWBT will provide CLEC access to the SWBT's Service Creation Environment (SCE) to design, create, test and deploy AIN-based features, equivalent to the access it provides to itself, providing that security arrangements can be made. CLEC requests to use the SWBT SCE will be subject to request and review procedures to be agreed upon by the Parties.
- 9.7.3 When CLEC utilizes SWBT's Local Switching network element and requests SWBT to provision such network element with a technically feasible AIN trigger, SWBT will provide access to the appropriate AIN Call Related Database for the purpose of invoking either an SWBT AIN feature or an CLEC developed AIN feature as per previous section.
- 9.7.4 When CLEC utilizes its own local switch, SWBT will provide access to the appropriate AIN Call Related Database for the purpose of invoking either an SWBT AIN feature or an CLEC developed AIN feature as per previous section.
- 9.7.5 SWBT will provide access to AIN Call Related databases in a nondiscriminatory and competitively neutral manner. Any mediation, static or dynamic, will only provide network reliability, protection, security and network management functions consistent with the access service provided. Any network management controls found necessary to protect the AIN SCP from an overload condition will be applied based on non-

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

- 9.7.6 As requested by CLEC, SWBT will provide specifications and information reasonably necessary for CLEC to utilize SWBT SCE as provided above.
- 9.7.7 SWBT SCP will partition and take reasonable steps to protect CLEC service logic and data from unauthorized access, execution or other types of compromise, where technically feasible.
- 9.7.8 Access to AIN and SCE will be provided to CLEC at rates, terms, and conditions to be negotiated by the Parties.

10.0 Operations Support Systems Functions

- 10.1 Definition: Operations Support Systems Functions consist of pre-ordering, ordering, provisioning, maintenance and repair, and billing functions supported by SWBT's databases and information.
- 10.2 SWBT will provide CLEC access to its Operations Support Systems Functions through the electronic interfaces provided for in Attachment 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 of 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 charge 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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NOTE	UNE/Service	MONTHLY RATE		Nonrecurring Rate First	Nonrecurring Rate Additional				
	Network Interface Device								
1	Disconnect Loop from inside wiring, per NID	None		\$ 23.00	\$ 14.32				
	Unbundled Loops								
1	2W Analog Zone 1	\$ 12.71		\$ 19.55	\$ 8.32				
1	2W Analog Zone 2	\$ 20.71		\$ 19.55	\$ 8.32				
1	2W Analog Zone 3	\$ 33.29		\$ 19.55	\$ 8.32				
1	2W Analog Zone 4	\$ 18.23		\$ 19.55	\$ 8.32				
1	Conditioning for dB Loss	\$ 6.63		\$ 17.54	\$ 8.58				
1	4W Analog Zone 1	\$ 19.79		\$ 21.58	\$ 8.32				
1	4W Analog Zone 2	\$ 35.35		\$ 21.58	\$ 8.32				
1	4W Analog Zone 3	\$ 61.16		\$ 21.58	\$ 8.32				
1	4W Analog Zone 4	\$ 30.08		\$ 21.58	\$ 8.32				
1	2W Digital Zone 1	\$ 25.79		\$ 43.33	\$ 22.67				
1	2W Digital Zone 2	\$ 42.10		\$ 43.33	\$ 22.67				
1	2W Digital Zone 3	\$ 58.44		\$ 43.33	\$ 22.67				
1	2W Digital Zone 4	\$ 41.44		\$ 43.33	\$ 22.67				
1	4W Digital Zone 1	\$ 101.18		\$ 102.47	\$ 40.46				
1	4W Digital Zone 2	\$ 106.06		\$ 102.47	\$ 40.46				
1	4W Digital Zone 3	\$ 107.89		\$ 102.47	\$ 40.46				
1	4W Digital Zone 4	\$ 101.39		\$ 102.47	\$ 40.46				
	Loop Cross Connects (with testing unless otherwise noted)								
1	Analog Loop to Collo 2W	\$ 1.89		\$ 26.87	\$ 22.08				
1	Analog Loop to Collo 2W w/o testing	\$ 0.31		\$ 14.97	\$ 9.52				
1	Analog Loop to Collo 4W	\$ 3.77		\$ 31.22	\$ 29.56				
1	Analog Loop to Collo 4W w/o testing	\$ 0.63		\$ 25.38	\$ 17.73				
1	Digital Loop to Collo 2W	\$ 1.89		\$ 26.87	\$ 22.08				
1	Digital Loop to Collo 2W w/o testing	\$ 0.31		\$ 14.97	\$ 9.52				
1	Digital Loop to Collo 4W	\$ 9.00		\$ 45.03	\$ 34.16				
1	Digital Loop to Collo 4W w/o testing	none		\$ 29.04	\$ 28.57				
3	Analog Loop to DCS 2W	\$ 0.27		\$ 20.65	\$ 16.50				
3	Analog Loop to DCS 4W	\$ 0.54		\$ 20.65	\$ 16.50				
3	Digital Loop to DCS 2W	\$ 2.64		\$ 20.65	\$ 16.50				
3	Digital Loop to DCS 4W	\$ 8.29		\$ 28.95	\$ 26.47				
3	DS3 Loop Crossconnect	\$ 225.59		\$ -	\$ -				
3	Analog Loop to Switch Port	\$ -		\$ 4.17	\$ 3.29				
3	Digital Loop to Switch Port 2W	\$ -		\$ 9.40	\$ 9.40				
3	Digital Loop to Switch Port 4W	\$ 7.51		\$ 37.58	\$ 37.58				
	Subloop Feeder								
1	2W Analog Zone 1	\$ 4.81		\$ 17.16	\$ 7.91				
1	2W Analog Zone 2	\$ 6.60		\$ 17.16	\$ 7.91				
1	2W Analog Zone 3	\$ 6.87		\$ 17.16	\$ 7.91				
1	2W Analog Zone 4	\$ 9.90		\$ 17.16	\$ 7.91				
1	2W Digital Zone 1	\$ 20.18		\$ 40.52	\$ 20.45				
1	2W Digital Zone 2	\$ 32.17		\$ 40.52	\$ 20.45				
1	2W Digital Zone 3	\$ 30.89		\$ 40.52	\$ 20.45				
1	2W Digital Zone 4	\$ 39.13		\$ 40.52	\$ 20.45				
1	DS1 4W Copper Zone 1	\$ 67.05		\$ 73.25	\$ 29.98				
1	DS1 4W Copper Zone 2	\$ 67.27		\$ 73.25	\$ 29.98				
1	DS1 4W Copper Zone 3	\$ 67.17		\$ 73.25	\$ 29.98				
1	DS1 4W Copper Zone 4	\$ 70.79		\$ 73.25	\$ 29.98				
	SubLoop Distribution								
1	2W Analog Zone 1	\$ 6.69		\$ 85.08	\$ 35.46				
1	2W Analog Zone 2	\$ 10.68		\$ 85.08	\$ 35.46				
1	2W Analog Zone 3	\$ 12.92		\$ 85.08	\$ 35.46				
1	2W Analog Zone 4	\$ 22.78		\$ 85.08	\$ 35.46				
1	2W Digital Zone 1	\$ 9.63		\$ 86.76	\$ 38.57				
1	2W Digital Zone 2	\$ 13.63		\$ 86.76	\$ 38.57				
1	2W Digital Zone 3	\$ 15.86		\$ 86.76	\$ 38.57				
1	2W Digital Zone 4	\$ 25.70		\$ 86.76	\$ 38.57				

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NOTE	UNE/Service	MONTHLY RATE	Nonrecurring Rate First	Nonrecurring Rate Additional
1	4W Digital Zone 1	\$ 4.68	\$ 131.83	\$ 52.08
1	4W Digital Zone 2	\$ 6.23	\$ 131.83	\$ 52.08
1	4W Digital Zone 3	\$ 10.05	\$ 131.83	\$ 52.08
1	4W Digital Zone 4	\$ 22.41	\$ 131.83	\$ 52.08
	Subloop Cross Connect			
2	2 Wire	None	\$ 61.55	\$ 46.35
2	4 Wire	None	\$ 74.00	\$ 50.50
2	Dark Fiber	\$ 47.00	\$ 75.00	\$ 52.50
	Dark Fiber			
1	Dark Fiber Foot Zone 1	\$ 0.002085	None	None
1	Dark Fiber Foot Zone 2	\$ 0.003156	None	None
1	Dark Fiber Foot Zone 3	\$ 0.004752	None	None
1	Dark Fiber Foot Zone 4	\$ 0.002085	None	None
	Local Switching			
1	Standard/Per Orig. or Term. MOU (excluding port) - Zone 1	\$ 0.0019880	None	None
1	Standard/Per Orig. or Term. MOU (excluding port) - Zone 2	\$ 0.0023910	None	None
1	Standard/Per Orig. or Term. MOU (excluding port) - Zone 3	\$ 0.0034440	None	None
1	Standard/Per Orig. or Term. MOU (excluding port) - Zone 4	\$ 0.0029340	None	None
	Customized Routing Resale AIN			
3	Per customer line	\$ 0.10	None	None
3	Per end office (unless previously charged under UNE)	None	\$ 85.00	\$ 85.00
3	SOAC Table Work (unless previously charged under UNE)	None	\$ 6,201.00	\$ 6,201.00
3	Development 1st LSP	None	\$ 390,645.00	None
3	Development Subsq LSP	None	ICB	None
	Customized Routing UNE AIN			
3	Per query per customer line	\$ 0.0002333	None	None
3	SOAC Work Table (if not previously charged under resale)	None	\$ 7,160.30	\$ 7,160.30
3	SOAC Work Table (if previously charged under resale)	None	\$ 959.30	\$ 959.30
3	Per end office (if not previously charged under resale)	None	\$ 98.10	\$ 98.10
3	Per end office (if previously charged under resale)	None	\$ 13.10	\$ 13.10
3	Per Centrex-like Customer	None	\$ 123.60	\$ 123.60
3	Development 1st LSP	None	\$273,916.32	None
3	Development Subsq LSP	None	ICB	None
	Ports			
1	Analog Line Port Zone 1	\$ 1.74	\$ 29.53	\$ 26.45
1	Analog Line Port Zone 2	\$ 1.97	\$ 29.53	\$ 26.45
1	Analog Line Port Zone 3	\$ 2.47	\$ 29.53	\$ 26.45
1	Analog Line Port Zone 4	\$ 2.25	\$ 29.53	\$ 26.45
1	BRI Line Port Zone 1	\$ 5.56	\$ 5.36	\$ 3.53
1	BRI Line Port Zone 2	\$ 5.56	\$ 5.36	\$ 3.53
1	BRI Line Port Zone 3	\$ 5.56	\$ 5.36	\$ 3.53
1	BRI Line Port Zone 4	\$ 5.56	\$ 5.36	\$ 3.53
1	PRI Trunk Port Zone 1	\$ 165.85	\$ 214.53	\$ 98.53
1	PRI Trunk Port Zone 2	\$ 165.85	\$ 214.53	\$ 98.53
1	PRI Trunk Port Zone 3	\$ 165.85	\$ 214.53	\$ 98.53
1	PRI Trunk Port Zone 4	\$ 165.85	\$ 214.53	\$ 98.53
1	Analog DID Trunk Port - Zone 1	\$ 13.55	\$ 50.04	\$ 50.04

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NOTE	UNE/Service	MONTHLY RATE	Nonrecurring Rate First	Nonrecurring Rate Additional
1	Analog DID Trunk Port - Zone 2	\$ 14.45	\$ 52.10	\$ 52.10
1	Analog DID Trunk Port - Zone 3	\$ 10.60	\$ 50.04	\$ 50.04
1	Analog DID Trunk Port - Zone 4	\$ 15.12	\$ 50.04	\$ 50.04
1	DS1 Trunk Port Zone 1	\$ 132.14	\$ 121.79	\$ 24.76
1	DS1 Trunk Port Zone 2	\$ 126.71	\$ 121.83	\$ 24.83
1	DS1 Trunk Port Zone 3	\$ 58.04	\$ 120.35	\$ 22.86
1	DS1 Trunk Port Zone 4	\$ 140.35	\$ 123.74	\$ 27.36
	Feature Activation per Analog Port Type			
2	Call Waiting	None	\$0.00	None
2	Call Forwarding Variable	None	\$0.00	None
2	Call Forwarding Busy Line	None	\$0.00	None
2	Call Forwarding Don't Answer	None	\$0.00	None
2	Three-Way Calling	None	\$0.00	None
2	Speed Calling 8	None	\$0.00	None
2	Speed Calling 30	None	\$0.00	None
2	Auto Callback/Auto Redial	None	\$0.00	None
2	Distinctive Ring/Priority Call	None	\$0.00	None
2	Selective Call Rejection/Call Blocker	None	\$0.00	None
2	Auto Recall/Call Return	None	\$0.00	None
2	Selective Call Forwarding	None	\$0.00	None
2	Calling # Delivery	None	\$0.00	None
2	CNAM Delivery	None	\$0.00	None
2	Calling Number/Name Blocking	None	\$0.00	None
2	Anonymous Call Rejection	None	\$0.00	None
	Feature Activation per analog arrangement			
2	Personalized Ring	None	\$0.00	None
2	Hunting Arrangement	None	\$0.00	None
	Feature Activation per successful occurrence			
2	Call Trace (per feature per port)	None	\$0.00	None
2	Call Trace (per successful occurrence per port)	None	\$0.00	None
	ISDN BRI Port Features			
2	CSV/CSD per B channel	None	\$0.00	None
2	Basic EKTS per B channel	None	\$0.00	None
2	CACH EKTS per B channel	None	\$0.00	None
	ISDN PRI Port Features			
2	Backup D Channel	None	\$0.00	None
2	CNAM Delivery	None	\$0.00	None
2	Dynamic Channel Allocation	None	\$0.00	None
	Analog DID Trunk Port			
2	DID #s - Initial 100 #s	None	\$0.00	None
2	DID #s - Initial 10 #s	None	\$0.00	None
	DS1 Digital Trunk Port DID			
2	DID #s - Initial 100 #s	None	\$0.00	\$0.00
2	DID #s - Initial 10 #s	None	\$0.00	\$0.00
	Centrex-like System Charges			
2	System Establishment per serving office - Analog Only	None	\$0.00	\$0.00
2	System Establishment per serving office - Analog/ISDN BRI Mix	None	\$0.00	\$0.00

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NOTE	UNE/Service	MONTHLY RATE	Nonrecurring Rate First	Nonrecurring Rate Additional
2	System Establishment per serving office - ISDN BRI Only	None	\$0.00	\$0.00
2	System Subsqnt Conversion per serving office - Add Analog to existing ISDN BRI only system	None	\$0.00	\$0.00
2	System Subsqnt Conversion per serving office - Add ISDN to existing Analog only system	None	\$0.00	\$0.00
	Analog Port Features			
2	Standard feature initialization per analog port	None	\$0.00	None
2	Auto Callback Calling/Business Group Callback	None	\$0.00	None
2	Call Forwarding Variable/ Business Group Call Forwarding Variable	None	\$0.00	None
2	Call Forwarding Busy Line	None	\$0.00	None
2	Call Forwarding Don't Answer	None	\$0.00	None
2	Call Hold	None	\$0.00	None
2	Call Pickup	None	\$0.00	None
2	Call Transfer - All Calls	None	\$0.00	None
2	Call Waiting - Intragroup/Business Call Forwarding Var.	None	\$0.00	None
2	Call Waiting - Orig.	None	\$0.00	None
2	Call Waiting - Term.	None	\$0.00	None
2	Class of Service Restr. - Fully	None	\$0.00	None
2	Class of Service Restr. - Semi	None	\$0.00	None
2	Class of Service Restr. - Toll	None	\$0.00	None
2	Consult. Hold	None	\$0.00	None
2	Dial Call Waiting	None	\$0.00	None
2	Directed Call Pickup - Non Barge in	None	\$0.00	None
2	Directed Call Pickup - With Barge in	None	\$0.00	None
2	Distinctive Ring and Call Waiting Tone	None	\$0.00	None
2	Hunting Arrgmt - Basic	None	\$0.00	None
2	Hunting Arrgmt - Circular	None	\$0.00	None
2	Speed Calling Personal	None	\$0.00	None
2	Three Way Calling	None	\$0.00	None
2	Voice/Data Protection	None	\$0.00	None
	ISDN (BRI) Port Features			
2	CSV per B channel	None	\$0.00	None
2	CSD per B channel	None	\$0.00	None
2	Standard feature initialization per ISDN BRI port	None	\$0.00	None
2	Add'l Call Offering for CSV	None	\$0.00	None
2	Call Forwarding Busy Line	None	\$0.00	None
2	Call Forwarding Don't Answer	None	\$0.00	None
2	Call Forwarding Variable	None	\$0.00	None
2	Call Hold	None	\$0.00	None
2	Call Pickup	None	\$0.00	None
2	Call Transfer - All Calls	None	\$0.00	None
2	Class of Service Restr. - Fully	None	\$0.00	None
2	Class of Service Restr. - Semi	None	\$0.00	None
2	Class of Service Restr. - Toll	None	\$0.00	None
2	Consult. Hold	None	\$0.00	None
2	Dial Call Waiting	None	\$0.00	None

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NOTE	UNE/Service	MONTHLY RATE	Nonrecurring Rate First	Nonrecurring Rate Additional					
2	Directed Call Pickup - Non Barge in	None	\$0.00	None					
2	Directed Call Pickup - With Barge in	None	\$0.00	None					
2	Distinctive Ringing	None	\$0.00	None					
2	Hunting Arrgmt - Basic	None	\$0.00	None					
2	Hunting Arrgmt - Circular	None	\$0.00	None					
2	Speed Calling Personal	None	\$0.00	None					
2	Three Way Calling	None	\$0.00	None					
	Tandem Switching								
1	Per MOU per call	\$ 0.00151	None	None					
	Blended Transport								
1	Zone1 Urban (STL, KS)	\$ 0.000657	none	none					
1	Zone2 Suburban	\$ 0.000787	none	none					
1	Zone3 Rural	\$ 0.000860	none	none					
1	Zone4 Urban Springfield	\$ 0.000622	none	none					
1	Interzone	\$ 0.000806	none	none					
	Common Transport								
1	Termination MOU Zone 1	\$ 0.000190	None	None					
1	Termination MOU Zone 2	\$ 0.000285	None	None					
1	Termination MOU Zone 3	\$ 0.000302	None	None					
1	Termination MOU Zone 4	\$ 0.000162	None	None					
1	Termination MOU Interzone	\$ 0.000332	None	None					
1	Facility Mile MOU Zone 1	\$ 0.0000020	None	None					
1	Facility Mile MOU Zone 2	\$ 0.0000070	None	None					
1	Facility Mile MOU Zone 3	\$ 0.0000150	None	None					
1	Facility Mile MOU Zone 4	\$ 0.0000010	None	None					
1	Facility Mile MOU Interzone	\$ 0.0000030	None	None					
	Dedicated Transport								
	DS1 Entrance Facilities								
2	Zone 1	\$ 162.30	\$ 471.00	\$ 342.00					
2	Zone 2	\$ 162.30	\$ 471.00	\$ 342.00					
2	Zone 3	\$ 162.30	\$ 471.00	\$ 342.00					
2	Zone 4	\$ 162.30	\$ 471.00	\$ 342.00					
	DS3 Entrance Facilities								
2	Zone 1	\$ 1,884.49	\$ 477.75	\$ 372.00					
2	Zone 2	\$ 1,884.49	\$ 477.75	\$ 372.00					
2	Zone 3	\$ 1,884.49	\$ 477.75	\$ 372.00					
2	Zone 4	\$ 1,884.49	\$ 477.75	\$ 372.00					
	OC3 Entrance Facilities								
3	Zone 1	\$ 662.30	\$ 608.40	\$ 231.15					
3	Zone 2	\$ 681.16	\$ 608.40	\$ 231.15					
3	Zone 3	\$ 719.97	\$ 608.40	\$ 231.15					
3	Zone 4	\$ 662.30	\$ 608.40	\$ 231.15					
	OC12 Entrance Facilities								
3	Zone 1	\$ 1,570.55	\$ 608.40	\$ 231.15					
3	Zone 2	\$ 1,589.41	\$ 608.40	\$ 231.15					
3	Zone 3	\$ 1,628.22	\$ 608.40	\$ 231.15					
3	Zone 4	\$ 1,570.55	\$ 608.40	\$ 231.15					
3	VG Interoffice Transport - Urban Term.	\$ 12.74	\$87.06	\$98.46					
3	VG Interoffice Transport - Suburban Term.	\$ 12.89	\$87.06	\$98.46					
3	VG Interoffice Transport - Rural Term.	\$ 13.25	\$87.06	\$98.46					
3	VG Interoffice Transport - Urban - Springfield Term.	\$ 12.74	\$87.06	\$98.46					
3	VG Interoffice Transport - Interzone Term.	\$ 13.87	\$87.06	\$98.46					
3	VG Interoffice Transport - Urban Mile	\$ 0.011	Same as for Term.	Same as for Term.					
3	VG Interoffice Transport - Suburban Mile	\$ 0.057	Same as for Term.	Same as for Term.					
3	VG Interoffice Transport - Rural Mile	\$ 0.113	Same as for Term.	Same as for Term.					
3	VG Interoffice Transport - Urban - Springfield Mile	\$ 0.011	Same as for Term.	Same as for Term.					

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NOTE	UNE/Service	MONTHLY RATE	Nonrecurring Rate First	Nonrecurring Rate Additional					
3	VG Interoffice Transport - Interzone Mile	\$ 0.057	Same as for Term.	Same as for Term.					
1	DS1 Transport I/O First mile - zone 1	\$ 57.49	\$ 174.43	\$ 118.14					
1	DS1 Transport I/O First mile - zone 2	\$ 86.96	\$ 174.43	\$ 118.14					
1	DS1 Transport I/O First mile - zone 3	\$ 92.07	\$ 174.43	\$ 118.14					
1	DS1 Transport I/O First mile - zone 4	\$ 48.70	\$ 174.43	\$ 118.14					
1	DS1 Transport I/O Additional mile - zone 1	\$ 0.62	\$ 174.43	\$ 118.14					
1	DS1 Transport I/O Additional mile - zone 2	\$ 1.67	\$ 174.43	\$ 118.14					
1	DS1 Transport I/O Additional mile - zone 3	\$ 1.60	\$ 174.43	\$ 118.14					
1	DS1 Transport I/O Additional mile - zone 4	\$ 0.19	\$ 174.43	\$ 118.14					
1	DS1 Interzone First mile	\$ 100.36	\$ 174.43	\$ 118.14					
1	DS1 Interzone - Additional mile	\$ 0.97	\$ 174.43	\$ 118.14					
1	DS 3 Transport I/O First mile - zone 1	\$ 925.21	\$ 170.28	\$ 130.07					
1	DS 3 Transport I/O First mile - zone 2	\$ 1,824.14	\$ 170.28	\$ 130.07					
1	DS 3 Transport I/O First mile - zone 3	\$ 2,052.06	\$ 170.28	\$ 130.07					
1	DS 3 Transport I/O First mile - zone 4	\$ 789.13	\$ 170.28	\$ 130.07					
1	DS 3 Transport I/O Additional mile - zone 1	\$ 15.64	\$ 170.28	\$ 130.07					
1	DS 3 Transport I/O Additional mile - zone 2	\$ 56.45	\$ 170.28	\$ 130.07					
1	DS 3 Transport I/O Additional mile - zone 3	\$ 97.60	\$ 170.28	\$ 130.07					
1	DS 3 Transport I/O Additional mile - zone 4	\$ 17.32	\$ 170.28	\$ 130.07					
1	DS 3 Interzone - First mile	\$ 2,361.66	\$ 170.28	\$ 130.07					
1	DS 3 Interzone - Additional mile	\$ 25.87	\$ 170.28	\$ 130.07					
3	OC3 Interoffice Transport - Urban Term.	\$ 1,381.04	\$ 562.41	\$ 276.80					
3	OC3 Interoffice Transport - Suburban Term.	\$ 1,461.22	\$ 562.41	\$ 276.80					
3	OC3 Interoffice Transport - Rural Term.	\$ 2,188.84	\$ 562.41	\$ 276.80					
3	OC3 Interoffice Transport - Urban Springfield Term.	\$ 1,381.04	\$ 562.41	\$ 276.80					
3	OC3 Interoffice Transport - Interzone Term.	\$ 2,578.91	\$ 562.41	\$ 276.80					
3	OC3 Interoffice Transport - Urban Mile	\$ 27.85	Same as for Term.	Same as for Term.					
3	OC3 Interoffice Transport - Suburban Mile	\$ 48.47	Same as for Term.	Same as for Term.					
3	OC3 Interoffice Transport - Rural Mile	\$ 175.76	Same as for Term.	Same as for Term.					
3	OC3 Interoffice Transport - Springfield Mile	\$ 27.85	Same as for Term.	Same as for Term.					
3	OC3 Interoffice Transport - Interzone Mile	\$ 43.27	Same as for Term.	Same as for Term.					
3	OC12 Interoffice Transport - Urban Term.	\$ 5,238.16	\$ 577.05	\$ 297.74					
3	OC12 Interoffice Transport - Suburban Term.	\$ 5,675.82	\$ 577.05	\$ 297.74					
3	OC12 Interoffice Transport - Rural Term.	\$ 8,048.17	\$ 577.05	\$ 297.74					
3	OC12 Interoffice Transport - Urban Springfield Term.	\$ 5,238.16	\$ 577.05	\$ 297.74					
3	OC12 Interoffice Transport - Interzone Term.	\$ 9,804.49	\$ 577.05	\$ 297.74					
3	OC12 Interoffice Transport - Urban Mile	\$ 111.40	Same as for Term.	Same as for Term.					
3	OC12 Interoffice Transport - Suburban Mile	\$ 193.85	Same as for Term.	Same as for Term.					
3	OC12 Interoffice Transport - Rural Mile	\$ 703.03	Same as for Term.	Same as for Term.					

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NOTE	UNE/Service	MONTHLY RATE		Nonrecurring Rate First		Nonrecurring Rate Additional				
3	OC12 Interoffice Transport - Urban Springfield Mile	\$ 111.40		Same as for Term		Same as for Term				
3	OC12 Interoffice Transport - Interzone Mile	\$ 173.08		Same as for Term		Same as for Term				
2	OC48 Interoffice Transport - Urban Term.	ICB		ICB		ICB				
2	OC48 Interoffice Transport - Suburban Term.	ICB		ICB		ICB				
2	OC48 Interoffice Transport - Rural Term.	ICB		ICB		ICB				
2	OC48 Interoffice Transport - Interzone Term.	ICB		ICB		ICB				
2	OC48 Interoffice Transport - Urban Mile	ICB		ICB		ICB				
2	OC48 Interoffice Transport - Suburban Mile	ICB		ICB		ICB				
2	OC48 Interoffice Transport - Rural Mile	ICB		ICB		ICB				
2	OC48 Interoffice Transport - Interzone Mile	ICB		ICB		ICB				
	Dedicated Transport Cross Connect									
3	Voice Grade 2 Wire	\$ 2.88		\$ 47.38		\$ 35.31				
3	Voice Grade 4 Wire	\$ 4.05		\$ 53.06		\$ 38.50				
2	DS1	\$ 12.00		\$ 74.25		\$ 71.25				
1	DS3	\$ 30.08		\$ 54.98		\$ 42.90				
3	OC3	\$ 50.00		\$ 233.77		\$ 115.32				
3	OC12	\$ 50.00		\$ 238.85		\$ 124.04				
2	OC48	ICB		ICB		ICB				
	Digital Cross-Connect System									
2	DS0 DCS Port	\$ 13.70		\$ 24.30		None				
2	DS1 DCS Port	\$ 45.14		\$ 42.32		None				
2	DS3 DCS Port	\$ 490.05		\$ 32.00		None				
2	DCS Establishment	None		\$ 1,291.50		None				
2	Database Modification	None		\$ 65.33		None				
2	Reconfiguration Charge	None		\$ 0.94		None				
	Multiplexing									
2	VG to DS1	\$ 180.00		\$ 195.00		\$ 120.75				
2	DS1 to DS3	\$ 815.00		\$ 1,029.00		\$ 609.75				
	SS7 Links - Cross Connect									
2	STP to Collo Cage - DS0 (Zones 1,2,3&4)	\$ 74.20		\$ 224.85		\$ 151.84				
2	STP to Collo Cage - DS1 (Zones 1,2,3 & 4)	\$ 53.65		\$ 192.75		\$ 130.84				
3	STP to SWBT TDF - DS0	\$ 42.58		\$ 67.24		\$ 64.55				
3	STP to SWBT SDX Frame - DS1	\$ 30.89		\$ 75.12		\$ 72.46				
	Unbundled Signaling									
3	STP Access Connection 1.544 Mbps - Fixed	\$ 38.15		None		None				
3	STP Access Connection 1.544 Mbps - per mile	Included in rate above		None		None				
3	STP Access Link 56 Kbps per link	\$ 100.16		None		None				
3	STP Access Link 56 Kbps per mile	\$ 0.91		None		None				
1	SS7 Transport per message	\$ 0.00000070		None		None				
3	SS7 Signaling Transport per call	\$ 0.00006		None		None				
1	STP Port per port	\$ 480.61		\$ 217.14		None				
3	Point Code Addition per STP pair	None		\$ 12.57		\$ 12.57				
3	GTT Addition - Simple	None		\$ 1.01		\$ 1.01				
3	GTT Addition - Complex	None		ICB		ICB				

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NOTE	UNE/Service	MONTHLY RATE		Nonrecurring Rate First	Nonrecurring Rate Additional				
	Line Information Database - Validation and CNAM								
2	Validation Query	\$0.00		None	None				
2	CNAM Service Query	\$0.00		None	None				
2	Query Transport	\$0.00		None	None				
2	Service Order Charge	\$0.00		None	None				
2	Line Validation Administration System	None		None	None				
	Toll Free Database per Message/Query								
1	800 Query - Simple	\$ 0.0002540		None	None				
1	Designated 10-Digit Translation	\$ -		None	None				
1	Call Validation	\$ -		None	None				
1	Call Handling and Destination (Toll-Free-800 Addition)	\$ 0.0000340		None	None				
	OSS								
6	System Access	\$3,345.00		None	None				
6	Remote Facility per port - Direct Connection	\$1,580.00		None	None				
6	Remote Facility per port - Dial-up Connection	\$316.00		None	None				
	Service Order Charges - Unbundled Elements								
2	New Simple	None		\$0.00	None				
2	New Complex	None		\$0.00	None				
2	Change Simple	None		\$0.00	None				
2	Change Complex	None		\$0.00	None				
2	Record Simple	None		\$0.00	None				
2	Record Complex	None		\$0.00	None				
2	Disconnect Simple	None		\$0.00	None				
2	Disconnect Complex	None		\$0.00	None				
2	Suspend/Restore Simple	None		\$0.00	None				
2	Suspend/Restore Complex	None		\$0.00	None				
2	Expedited Simple	None		\$0.00	None				
2	Expedited Complex	None		\$0.00	None				
2	Customer Not Ready Simple	None		\$0.00	None				
2	Customer Not Ready Complex	None		\$0.00	None				
2	Due Date Change or Cancellation Simple	None		\$0.00	None				
2	Due Date Change or Cancellation Complex	None		\$0.00	None				
4	PIC Change Charge			\$0.00	None				
1	Mechanized UNE Service Order Charge	None		\$ 5.00	None				
	Maintenance of Service Charges								
4	Basic Time - per half hour	None		\$ 30.93	\$ 21.32				
4	Overtime - per half hour	None		\$ 36.35	\$ 26.73				
4	Premium Time - per half hour	None		\$ 41.77	\$ 32.15				
	Time and Materials Charges								
4	Basic Time - per half hour	None		\$ 30.93	\$ 21.32				
4	Overtime - per half hour	None		\$ 36.35	\$ 26.73				
4	Premium Time - per half hour	None		\$ 41.77	\$ 32.15				
	Nonproductive Dispatch Charges								
4	Basic Time - per half hour	None		\$ 30.93	\$ 21.32				
4	Overtime - per half hour	None		\$ 36.35	\$ 26.73				
4	Premium Time - per half hour	None		\$ 41.77	\$ 32.15				

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NOTE	UNE/Service	MONTHLY RATE	Nonrecurring Rate First	Nonrecurring Rate Additional					
	Miscellaneous								
2	Performance Data	ICB	ICB	ICB					
2	Special Request Processing	ICB	ICB	ICB					
	Dark Fiber - Interoffice								
1	Zone 1 per fiber per foot per month	\$ 0.002085	None	None					
1	Zone 2 per fiber per foot per month	\$ 0.003156	None	None					
1	Zone 3 per fiber per foot per month	\$ 0.004752	None	None					
1	Zone 4 per fiber per foot per month	\$ 0.002085	None	None					
1	Dark Fiber Termination	\$ 4.50	\$ 42.52	\$ 28.41					
3	Dark fiber to Collo Cross-Connect	\$ 1.71	\$65.87	\$ 48.44					
	BCR								
4	Per local message	\$ 0.08	None	None					
4	Per interstate local message	\$ 0.050	None	None					
	Clearinghouse								
4	Per originating message	\$ 0.02	None	None					
4	Per end user message billed	\$ 0.05	None	None					
	Recording								
4	Recording/Access Usage Record	\$0.00	None	None					
4	Assembly and Editing per Message	\$0.00	None	None					
4	Rating per Message	\$0.00	None	None					
4	Message Processing per Message	\$0.00	None	None					
4	Provision of Message Detail per record	\$0.00	None	None					
4	Source Info Provided per record furnished - meet point billing applicable	\$0.00	None	None					
4	Source Info Provided per record furnished - meet point billing not applicable	\$0.00	None	None					
	Hosting								
4	Full Status RAO Company - Hosting Company Network per billable mssg	\$ 0.0020	None	None					
4	Full Status RAO Company - Nat'l CMDS Network per billable mssg	\$ 0.0050	None	None					
4	Non-Full Status RAO Company - Hosting Company Network per billable mssg	\$ 0.0100	None	None					
4	Non-Full Status RAO Company - Nat'l CMDS Network per billable mssg	\$ 0.0070	None	None					
4	Non-Full Status RAO Company - Delivery per record charge per billable mssg.	\$ 0.0030	None	None					
	E911								
4	Feature per 1000 lines - ANI to SWBT PSAP	\$ 10.00	\$ 80.00	None					
4	Feature per 1000 lines - ANI to Non-SWBT PSAP	\$ 10.00	\$ 80.00	None					
4	Feature per 1000 lines - ANI and Selective Routing to SWBT PSAP	\$ 51.60	\$ 85.00	None					
4	Feature per 1000 lines - ANI and Selective Routing to Non-SWBT PSAP	\$ 51.60	\$ 85.00	None					

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4	Feature per 1000 lines - ANI and ALI to SWBT PSAP	\$ 83.60		\$ 85.00	None				
4	Feature per 1000 lines - ANI and ALI to Non-SWBT PSAP	\$ 83.60		\$ 85.00	None				
4	Feature per 1000 lines - ANI, SR and ALI to SWBT PSAP	\$ 83.60		\$ 85.00	None				
4	Feature per 1000 lines - ANI, SR and ALI to Non-SWBT PSAP	\$ 83.60		\$ 85.00	None				
4	Trunk Charge per channel	\$ 58.00		\$ 170.00	None				
1	Intercompany Termination Compensation for Local Traffic Tandem Switching per MOU	\$ 0.001510		None	None				
	Common Transport								
1	Termination MOU Zone 1	\$ 0.000190		None	None				
1	Termination MOU Zone 2	\$ 0.000285		None	None				
1	Termination MOU Zone 3	\$ 0.000302		None	None				
1	Termination MOU Zone 4	\$ 0.000162		None	None				
1	Termination MOU Interzone	\$ 0.000332		None	None				
1	Facility Mile MOU Zone 1	\$ 0.0000020		None	None				
1	Facility Mile MOU Zone 2	\$ 0.0000070		None	None				
1	Facility Mile MOU Zone 3	\$ 0.0000150		None	None				
1	Facility Mile MOU Zone 4	\$ 0.0000010		None	None				
1	Facility Mile MOU Interzone	\$ 0.0000030		None	None				
	Local Switching								
1	Zone 1 Urban (STL, KS)	\$ 0.001988		none	none				
1	Zone 2 Suburban	\$ 0.002391		none	none				
1	Zone 3 Rural	\$ 0.003444		none	none				
1	Zone 4 Urban Springfield	\$ 0.002934		none	none				
	Transit Compensation								
1	Transit Rate Zone 1	\$ 0.001714		None	None				
1	Transit Rate Zone 2	\$ 0.001844		None	None				
1	Transit Rate Zone 3	\$ 0.001917		None	None				
1	Transit Rate Zone 4	\$ 0.001679		None	None				
1	Transit Rate Interzone	\$ 0.001863							
	CMRS Transit Compensation								
1	Transit Rate Zone 1	\$ 0.001714		None	None				
1	Transit Rate Zone 2	\$ 0.001844		None	None				
1	Transit Rate Zone 3	\$ 0.001917		None	None				
1	Transit Rate Zone 4	\$ 0.001679		None	None				
1	Transit Rate Interzone	\$ 0.001863		None	None				
	Poles, Ducts, and Conduit								
1	Pole Attachment per pole per year	\$ 2.35		None	None				
1	Conduit Space, per duct foot per year	\$ 0.40		None	None				
1	Inner Duct, per duct foot per year	\$ 0.205		None	None				
	INP Remote								
1	Per line	None		None	None				
1	Add'l Path	None		None	None				
	INP Direct								
1	Number	None		None	None				
1	Trunk Termination	None		None	None				
1	D4 Channel Bank	None		None	None				
1	DID Nonrecurring per #	None		None	None				
1	DID Nonrecurring Transport per MOU	None		None	None				
	Conversion Order Charges for Resold Services								
1	Mechanized Simple	None		\$ 5.00	None				
1	Mechanized Complex	None		\$ 5.00	None				

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NOTE	UNE/Service	MONTHLY RATE		Nonrecurring Rate First		Nonrecurring Rate Additional				
1	Simple Manual	None		\$ 5.00		None				
1	Complex Manual	None		\$ 5.00		None				
2	NXX Migration per NXX	None		\$ 12,940.00						
4	Local Disconnect Report	\$ 0.003		None		None				
	Central Office Access Charge									
5	Residential	None		\$ 16.35		None				
5	Business	None		\$ 21.30		None				
	1. Permanent TELRIC Based rates from final Missouri Commission order in TO-97-40									
	2. Interim subject to prospective change and retrospective true-up to prices established by the the Missouri PSC in Case No. TO-2001-438 or other appropriate docket established by the PSC									
	3. Interim subject to prospective change and retrospective true-up to prices established by the Missouri PSC in Case No. TO-2001-438 or other appropriate docket established by the PSC									
	4. Based on Missouri Tariff rates and or taken from SWBT/CLEC Missouri Interconnection Agreements filed with and approved by the Missouri PSC									
	5. Texas Tariff based rate									
	6. Rates are zero until October 7th, 2002									

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, CLEC99-027. 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 CLI 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, SOC's 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

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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Appendix Pricing
Schedule of Prices
Effective Date: XX/XX/XX

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	A	B	C	D	E	F
1	Product Type	Rate Element Description	USOCs	Current Monthly Recurring Rate	Current Non- Recurring Rate (Initial)	Current Non- Recurring Rate (Additional)
2	Network Interface Device					
3	Local Loops	Disconnect Loop from inside wiring, per NID	NRBND	None^^1	23^^1	14.32^^1
4	Unbundled Loops					
5		2W Analog Zone 1	U21	12.71^^1	19.55^^1	8.32^^1
6		2W Analog Zone 2	U21	18.64^^2	19.55^^2	8.32^^2
7		2W Analog Zone 3	U21	19.74^^2	19.55^^2	8.32^^2
8		2W Analog Zone 4	U21	16.41^^2	19.55^^2	8.32^^2
9		2W Analog Zone 1	RB9	12.71^^1	0^^17	0^^17
10		2W Analog Zone 2	RB9	18.64^^2	0^^17	0^^17
11		2W Analog Zone 3	RB9	19.74^^2	0^^17	0^^17
12		2W Analog Zone 4	RB9	16.41^^2	0^^17	0^^17
13		Conditioning for dB Loss	UL2	6.63^^1	17.54^^1	8.58^^1
14		4W Analog Zone 1	U4H	17.81^^2	21.58^^2	8.32^^2
15		4W Analog Zone 2	U4H	31.82^^2	21.58^^2	8.32^^2
16		4W Analog Zone 3	U4H	55.04^^2	21.58^^2	8.32^^2
17		4W Analog Zone 4	U4H	27.07^^2	21.58^^2	8.32^^2
18		2W Digital Zone 1	U2Q/RB8	25.79^^1	43.33^^1	22.67^^1
19		2W Digital Zone 2	U2Q/RB8	37.89^^2	43.33^^2	22.67^^2
20		2W Digital Zone 3	U2Q/RB8	52.6^^2	43.33^^2	22.67^^2
21		2W Digital Zone 4	U2Q/RB8	37.3^^2	43.33^^2	22.67^^2
22		4W Digital Zone 1	U4D1X/RB6	91.06^^2	102.47^^2	40.46^^2
23		4W Digital Zone 2	U4D1X/RB6	95.45^^2	102.47^^2	40.46^^2
24		4W Digital Zone 3	U4D1X/RB6	97.1^^2	102.47^^2	40.46^^2
25		4W Digital Zone 4	U4D1X/RB6	91.25^^2	102.47^^2	40.46^^2
26	DSL Loops					
27	2-Wire Digital Loop ISDN/IDSL^^21	PSD #1 - 2-Wire Digital Loop ISDN/IDSL - Zone 1	U2Q/RB8	\$ 25.79	\$ 43.33	\$ 22.67
28		PSD #1 - 2-Wire Digital Loop ISDN/IDSL - Zone 2	U2Q/RB8	\$ 37.89	\$ 43.33	\$ 22.67
29		PSD #1 2-Wire Digital Loop ISDN/IDSL - Zone 3	U2Q/RB8	\$ 52.60	\$ 43.33	\$ 22.67
30		PSD #1 2-Wire Digital Loop ISDN/IDSL - Zone 4	U2Q/RB8	\$ 37.30	\$ 43.33	\$ 22.67
31	2-Wire xDSL Loop^^21	PSD #1 - 2-Wire xDSL Loop - Zone 1	2SLAX	\$ 12.71	\$ 19.55	\$ 8.32
32		PSD #1 - 2-Wire xDSL Loop - Zone 2	2SLAX	\$ 18.64	\$ 19.55	\$ 8.32
33		PSD #1 - 2-Wire xDSL Loop - Zone 3	2SLAX	\$ 19.74	\$ 19.55	\$ 8.32
34		PSD #1 - 2-Wire xDSL Loop - Zone 4	2SLAX	\$ 16.41	\$ 19.55	\$ 8.32
35		PSD #2 - 2-Wire xDSL Loop - Zone 1	2SLCX	\$ 12.71	\$ 19.55	\$ 8.32
36		PSD #2 - 2-Wire xDSL Loop - Zone 2	2SLCX	\$ 18.64	\$ 19.55	\$ 8.32
37		PSD #2 - 2-Wire xDSL Loop - Zone 3	2SLCX	\$ 19.74	\$ 19.55	\$ 8.32
38		PSD #2 - 2-Wire xDSL Loop - Zone 4	2SLCX	\$ 16.41	\$ 19.55	\$ 8.32
39		PSD #3 - 2-Wire xDSL Loop - Zone 1	2SLBX	\$ 12.71	\$ 19.55	\$ 8.32
40		PSD #3 - 2-Wire xDSL Loop - Zone 2	2SLBX	\$ 18.64	\$ 19.55	\$ 8.32
41		PSD #3 - 2-Wire xDSL Loop - Zone 3	2SLBX	\$ 19.74	\$ 19.55	\$ 8.32
42		PSD #3 - 2-Wire xDSL Loop - Zone 4	2SLBX	\$ 16.41	\$ 19.55	\$ 8.32
43		PSD #4 - 2-Wire xDSL Loop - Zone 1	2SLDX	\$ 12.71	\$ 19.55	\$ 8.32
44		PSD #4 - 2-Wire xDSL Loop - Zone 2	2SLDX	\$ 18.64	\$ 19.55	\$ 8.32
45		PSD #4 - 2-Wire xDSL Loop - Zone 3	2SLDX	\$ 19.74	\$ 19.55	\$ 8.32
46		PSD #4 - 2-Wire xDSL Loop - Zone 4	2SLDX	\$ 16.41	\$ 19.55	\$ 8.32
47		PSD #5 - 2-Wire xDSL Loop - Zone 1	U2F	\$ 12.71	\$ 19.55	\$ 8.32

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1	Product Type	Rate Element Description	USOCs	Current Monthly Recurring Rate	Current Non- Recurring Rate (Initial)	Current Non- Recurring Rate (Additional)
48		PSD #5 - 2-Wire xDSL Loop - Zone 2	U2F	\$ 18.64	\$ 19.55	\$ 8.32
49		PSD #5 - 2-Wire xDSL Loop - Zone 3	U2F	\$ 19.74	\$ 19.55	\$ 8.32
50		PSD #5 - 2-Wire xDSL Loop - Zone 4	U2F	\$ 16.41	\$ 19.55	\$ 8.32
51		PSD #7 - 2-Wire xDSL Loop - Zone 1	2SLFX	\$ 12.71	\$ 19.55	\$ 8.32
52		PSD #7 - 2-Wire xDSL Loop - Zone 2	2SLFX	\$ 18.64	\$ 19.55	\$ 8.32
53		PSD #7 - 2-Wire xDSL Loop - Zone 3	2SLFX	\$ 19.74	\$ 19.55	\$ 8.32
54		PSD #7 - 2-Wire xDSL Loop - Zone 4	2SLFX	\$ 16.41	\$ 19.55	\$ 8.32
55	4-Wire xDSL Loop^^21	PSD #3 - 4-Wire xDSL Loop - Zone 1	4SL1X	\$ 17.81	\$ 21.58	\$ 8.32
56		PSD #3 - 4-Wire xDSL Loop - Zone 2	4SL1X	\$ 31.82	\$ 21.58	\$ 8.32
57		PSD #3 - 4-Wire xDSL Loop - Zone 3	4SL1X	\$ 55.04	\$ 21.58	\$ 8.32
58		PSD #3 - 4-Wire xDSL Loop - Zone 4	4SL1X	\$ 27.07	\$ 21.58	\$ 8.32
59						
60	HFPL Loop	HFPL Loop - Zone 1 (Urban STL, KS))	ULPPX	0^^16	NA	NA
61		HFPL Loop - Zone 2 (Suburban)	ULPPX	0^^16	NA	NA
62		HFPL Loop - Zone 3 (Rural)	ULPPX	0^^16	NA	NA
63		HFPL Loop - Zone 4 (Urban Springfield)	ULPPX	0^^16	NA	NA
64	Loop Qualification Process	Loop Make-Up Information - Mechanized	NR98U	NA	\$0.00	\$0.00
65		Loop Make-Up Information - Manual	NRBXU	NA	84.15^^11	NA
66		Detailed Make-up Information - Manual	NR98Y	NA	TBD	
67	xDSL Cross Connect Charge - Standard:	2-Wire Analog	UCX92	0.31^^12	19.96^^12	12.69^^12
68		4-Wire Analog	UCX94	0.63^^12	25.38^^12	17.73^^12
69		2-Wire Digital	(UCXC2)	0.31^^12	19.96^^12	12.69^^12
70		4-Wire Digital	(UCXHX)			
71	xDSL Cross Connect Charge - Shielded:^^22	2-wire Analog	UXRRX	0.8^^12	19.96^^12	12.69^^12
72						
73		HFPL Cross Connect - CLEC Owned Non-Integrated	UKCGE	\$0.62	\$39.92	\$25.38
74	HFPL^^23	HFPL Cross Connect - CLEC Owned-Integrated	UKCGD	\$0.62	\$39.92	\$25.38
75		HFPL Cross Connect - SBC Owned	UKCGX	\$0.93	\$59.88	\$38.07
76						
77	HFPL OSS	OSS Recover Charge	UM3	\$0.00	None	None
78	DSL Conditioning Options					
79	UNE Loops up to 17,000 ft:	Removal of Repeater	NRBXV	None^^13	\$221.90	221.9^^14
80		Removal of Bridged Tap and Repeater	NRBXH	None^^13	0^^13	0^^13, ^^14
81		Removal of Bridged Tap	NRBXW	None^^13	0^^13	0^^13, ^^14
82		Removal of Bridged Tap and Load Coil	NRBXF	None^^13	0^^13	0^^13, ^^14
83		Removal of Load Coil	NRBXZ	None^^13	0^^13	0^^13, ^^14
84		Conditioning - generic	NHCLO	None	8.41^^25	8.41^^25
85						
86	UNE Loops over 17,500 ft:	Removal of Repeater ^^1	NRBNL	0^^13	\$221.90	221.9^^14
87		Incremental Additional Removal of Repeater	NRBNP	None^^13	0^^13	0^^13, ^^14
88		Removal of Bridged Tap and Repeater ^^1	NRBTV	0^^13	0^^13	0^^13, ^^14
89		Incremental Additional Removal of Bridged Tap and Repeater	NRBTW	None^^13	0^^13	0^^13, ^^14
90		Removal of Bridged Tap ^^1	NRBNK	0^^13	\$221.90	221.9^^14

CLEC AECN:
RESALE AECN:
ACNA:

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1	Product Type	Rate Element Description	USOCs	Current Monthly Recurring Rate	Current Non- Recurring Rate (Initial)	Current Non- Recurring Rate (Additional)
91		Incremental Additional Removal of Bridged Tap	NRBNN	None^^13	0^^13	0^^13, ^^14
92		Removal of Bridged Tap and Load Coil ^^1	NRBM8	0^^13	0^^13	0^^13, ^^14
93		Incremental Additional Removal of Bridged Tap and Load Coil	NRBM9	None^^13	0^^13	0^^13, ^^14
94		Removal of Load Coil ^^1	NRBNJ	0^^13	0^^13	0^^13, ^^14
95		Incremental Additional Removal of Load Coil	NRBNH	None^^13	0^^13	0^^13, ^^14
96	Loop Cross Connects					
97	Loop Cross Connects (with testing unless otherwise noted)	Loop to Multiplexer -4-Wire Install^^18	Under Development	14.51^^10	88.76^^10	70.59^^10
98		Loop to Multiplexer -4-Wire Disconnect^^18	Under Development	0^^10	14.1^^10	11.6^^10
99		Analog Loop to Coll 2W	UCXC2	1.89^^1	26.87^^1	22.08^^1
100		Analog Loop to Collo 2W w/o testing (same CO)	UCXD2	0.31^^1	14.97^^1	9.52^^1
101		Analog Loop to Collo 4W (same CO)	UCXC4	3.77^^1	31.22^^1	29.56^^1
102		Analog Loop to Collo 4W w/o testing (same CO)	UCXD4	0.63^^1	25.38^^1	17.73^^1
103		Digital Loop to Collo 2W (same CO)	(UCXC2) Under Development	1.89^^1	26.87^^1	22.08^^1
104		Digital Loop to Collo 2W w/o testing (same CO)	(UCXD2) Under Development	0.31^^1	14.97^^1	9.52^^1
105		Digital Loop to Collo 4W (same CO)	(UCXHX Under Development	9^^1	45.03^^1	34.16^^1
106		Digital Loop to Collo 4W w/o testing (same CO)	UDLD4	None^^1	29.04^^1	28.57^^1
107		Analog Loop to DCS 2W - Install^^19	Not Applicable	0.27^^5	86.3^^5	68.11^^5
108		Analog Loop to DCS 2W - Disconnect^^19	Not applicable	0^^10	11.62^^10	9.12^^10
109		Analog Loop to DCS 4W - Install^^19	UCXGX	0.54^^5	88.76^^5	70.59^^5
110		Analog Loop to DCS 4W - Disconnect^^19	Not applicable	0^^10	14.1^^10	11.6^^10
111		Digital Loop to DCS 2W - Install^^19	UDU5X	0.27^^5	88.73^^5	71.75^^5
112		Digital Loop to DCS 2W - Disconnect^^19	Not applicable	0^^10	11.62^^10	14.68^^10
113		Digital Loop to DCS 4W - Install^^19	Not applicable	9^^3	60.04^^3	41.06^^3
114		Digital Loop to DCS 4W - Disconnect^^19	Not applicable		Included in Install^^10	Included in Install^^10
115		DS3 Loop to DCS	UDU3X	225.59^^5	0^^5	0^^5
116		Analog Loop to Switch Port - Install^^19	UDLX2	0^^5	25.18^^5	19^^5
117		Analog Loop to Switch Port - Disconnect^^19	Under Development	0^^10	6.49^^10	4.11^^10
118		Digital Loop to Switch Port 2W-Install^^19	RECB2	0^^5	\$ 21.47	15.3^^5
119		Digital Loop to Switch Port 2W-Disconnect^^19	Under Development	0^^10	\$ 12.35	9.97^^10
120		Digital Loop to Switch Port 4W-Install^^19	RECP4	14.51^^5	161.99^^5	140.96^^5
121		Digital Loop to Switch Port 4W-Disconnect^^19	Under Development	0^^10	19.26^^10	16.89^^10
122		DS3 Loop Crossconnect - Install^^19	Under Development	30.08^^3	54.98^^3	42.09^^3
123	Subloop Feeder	2W Analog Zone 1	UK2RC	4.81^^1	17.16^^1	7.91^^1
124		2W Analog Zone 2	UK2RC	6.6^^1	17.16^^1	7.91^^1
125		2W Analog Zone 3	UK2RC	6.87^^1	17.16^^1	7.91^^1
126		2W Analog Zone 4	UK2RC	9.9^^1	17.16^^1	7.91^^1
127		2W Digital Zone 1	(UK2RC) Under Development	20.18^^1	40.52^^1	20.45^^1

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1	Product Type	Rate Element Description	USOCs	Current Monthly Recurring Rate	Current Non- Recurring Rate (Initial)	Current Non- Recurring Rate (Additional)
128		2W Digital Zone 2	(UK2RC) Under Development	32.17 ^{^1}	40.52 ^{^1}	20.45 ^{^1}
129		2W Digital Zone 3	(UK2RC) Under Development	30.89 ^{^1}	40.52 ^{^1}	20.45 ^{^1}
130		2W Digital Zone 4	(UK2RC) Under Development	39.13 ^{^1}	40.52 ^{^1}	20.45 ^{^1}
131		DS1 4W Copper Zone 1	UK4RC	67.05 ^{^1}	73.25 ^{^1}	29.98 ^{^1}
132		DS1 4W Copper Zone 2	UK4RC	67.27 ^{^1}	73.25 ^{^1}	29.98 ^{^1}
133		DS1 4W Copper Zone 3	UK4RC	67.17 ^{^1}	73.25 ^{^1}	29.98 ^{^1}
134		DS1 4W Copper Zone 4	UK4RC	70.79 ^{^1}	73.25 ^{^1}	29.98 ^{^1}
135		Dark Fiber Foot Zone 1	ULOWG	0.0021 ^{^1}	None ^{^1}	None ^{^1}
136		Dark Fiber Foot Zone 2	ULOWG	0.0032 ^{^1}	None ^{^1}	None ^{^1}
137		Dark Fiber Foot Zone 3	ULOWG	0.0048 ^{^1}	None ^{^1}	None ^{^1}
138		Dark Fiber Foot Zone 4	ULOWG	0.0021 ^{^1}	None ^{^1}	None ^{^1}
139	Subloop Distribution	2W Analog Zone 1	UG2	6.69 ^{^1}	85.08 ^{^1}	35.46 ^{^1}
140		2W Analog Zone 2	UG2	10.68 ^{^1}	85.08 ^{^1}	35.46 ^{^1}
141		2W Analog Zone 3	UG2	12.92 ^{^1}	85.08 ^{^1}	35.46 ^{^1}
142		2W Analog Zone 4	UG2	22.78 ^{^1}	85.08 ^{^1}	35.46 ^{^1}
143		2W Digital Zone 1	UK2	9.63 ^{^1}	86.76 ^{^1}	38.57 ^{^1}
144		2W Digital Zone 2	UK2	13.63 ^{^1}	86.76 ^{^1}	38.57 ^{^1}
145		2W Digital Zone 3	UK2	15.86 ^{^1}	86.76 ^{^1}	38.57 ^{^1}
146		2W Digital Zone 4	UK2	25.7 ^{^1}	86.76 ^{^1}	38.57 ^{^1}
147		4W Digital Zone 1	UK4RE	4.68 ^{^1}	131.83 ^{^1}	52.08 ^{^1}
148		4W Digital Zone 2	UK4RE	6.23 ^{^1}	131.83 ^{^1}	52.08 ^{^1}
149		4W Digital Zone 3	UK4RE	10.05 ^{^1}	131.83 ^{^1}	52.08 ^{^1}
150		4W Digital Zone 4	UK4RE	22.41 ^{^1}	131.83 ^{^1}	52.08 ^{^1}
151	Subloop Cross Connect					
152		2 Wire-with testing ^{^18}	UCX1X	None ^{^3}	26.87 ^{^3}	22.08 ^{^3}
153		2 Wire - without testing ^{^18}	Under Development	None ^{^3}	14.97 ^{^3}	9.52 ^{^3}
154		4 Wire - with testing ^{^18}	UCX14	None ^{^3}	31.22 ^{^3}	29.56 ^{^3}
155		4 Wire - without testing ^{^18}	Under Development		25.38 ^{^3}	17.73 ^{^3}
156		Dark Fiber to Coll Cross-Connect Loop - Install ^{^18}	UCX2X	0.88 ^{^5}	39.36 ^{^5}	None ^{^5}
157		Dark Fiber to Coll Cross-Connect Loop - Disconnect ^{^18}	(NR98K)	0 ^{^10}	31.55 ^{^10}	None ^{^10}
158		Dark Fiber to Coll Cross-Connect SubLoop (CO to RT/CEV/HUT)- Install ^{^18}	UCX2X	0.88 ^{^5}	39.36 ^{^5}	None ^{^5}
159		Dark Fiber to Coll Cross-Connect SubLoop (CO to RT/CEV/HUT) - Disconnect ^{^18}	(NR98K)	0 ^{^10}	31.55 ^{^10}	None ^{^10}
160		Dark Fiber to Coll Cross-Connect SubLoop (CEV/HUT/RT to RT/EU)- Install ^{^18}	UCX2X	0.88 ^{^5}	39.36 ^{^5}	None ^{^5}
161		Dark Fiber to Coll Cross-Connect SubLoop (CEV/HUT/RT to RT/EU) - Disconnect ^{^18}	(NR98K)	0 ^{^10}	31.55 ^{^10}	None ^{^10}
162	Local Switching	Standard/Per Orig. or Term. MOU (excluding port) - Zone 1	ZZULS	0.0016 ^{^2}	None ^{^2}	None ^{^2}

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1	Product Type	Rate Element Description	USOCs	Current Monthly Recurring Rate	Current Non- Recurring Rate (Initial)	Current Non- Recurring Rate (Additional)
163		Standard/Per Orig. or Term. MOU (excluding port) - Zone 2	ZZULS	0.0019 [^] 2	None [^] 2	None [^] 2
164		Standard/Per Orig. or Term. MOU (excluding port) - Zone 3	ZZULS	0.0028 [^] 2	None [^] 2	None [^] 2
165		Standard/Per Orig. or Term. MOU (excluding port) - Zone 4	ZZULS	0.0024 [^] 2	None [^] 2	None [^] 2
166	Resale - Customized Routing	Customized Routing Per Originating Query [^] 18	Not Applicable	0.004 [^] 5		
167		CLEC order for Customized Routing per switch [^] 18	Not Applicable	None [^] 5	6.53 [^] 5	
168	NONRECURRING COST - CONNECT					
169	CENTREX	Translations per Plexar Customer - 5ESS [^] 18	(SEPC 6)	0 [^] 5	284.33 [^] 5	0 [^] 5
170		Translations per Plexar Customer - DMS100 [^] 18	(SEPC 6)	0 [^] 5	105.09 [^] 5	0 [^] 5
171	POTS	POTS Translations per 5ESS office [^] 18	(NACC6)	0 [^] 5	43.27 [^] 5	0 [^] 5
172		POTS Translations per DMS100 office [^] 18	Not Applicable	0 [^] 5	70.46 [^] 5	0 [^] 5
173	NONRECURRING COST - DISCONNECT	CLEC order for Customized Routing per switch [^] 18	Not Applicable	0 [^] 5	6.53 [^] 5	0 [^] 5
174	CENTREX	Translations per Plexar Customer - 5ESS [^] 18	(SEPC 6)	0 [^] 5	154.53 [^] 5	0 [^] 5
175		Translations per Plexar Customer - DMS100 [^] 18	(SEPC 6)	0 [^] 5	105.09 [^] 5	0 [^] 5
176	POTS	POTS Translations per 5ESS office [^] 18	Not Applicable	0 [^] 5	43.27 [^] 5	0 [^] 5
177		POTS Translations per DMS100 office [^] 18	Not Applicable	0 [^] 5	\$ 70.46	0 [^] 5
178	UNE Customized Routing	Customized Routing Per Originating Query [^] 18	ZZURO	0.0042 [^] 5		
179		CLEC order for Customized Routing per switch [^] 18	Not Applicable	0 [^] 5	6.53 [^] 5	0 [^] 5
180		Setup MARCH RPM and AIN Tables per CLEC per switch [^] 18	Not Applicable	0 [^] 5	80.33 [^] 5	0 [^] 5
181	NONRECURRING COST - CONNECT					
182	CENTREX	Translations per Plexar Customer - 5ESS [^] 18	(SEPC 6)	0 [^] 5	129.81 [^] 5	0 [^] 5
183		Translations per Plexar Customer - DMS100 [^] 18	(SEPC 6)	0 [^] 5	105.09 [^] 5	0 [^] 5
184		CENTREX Line Translations for all technologies per 5 stations [^] 18	(NACC6)	0 [^] 5	0.59 [^] 5	0 [^] 5
185	POTS	POTS Translations per 5ESS office [^] 18	Not applicable - Resale Only	0 [^] 5	24.72 [^] 5	0 [^] 5
186		POTS Translations per DMS100 office [^] 18	Not applicable - Resale Only	0 [^] 5	132.27 [^] 5	0 [^] 5
187		POTS Line Translations for all technologies per line [^] 18	Not applicable - Resale Only	0 [^] 5	0.29 [^] 5	0 [^] 5
188	DID	Translations per 1st DID number - 5ESS [^] 18	Not Applicable	0 [^] 5	24.72 [^] 5	0 [^] 5
189		Translations per addl. DID number - 5ESS [^] 18	Not Applicable	0 [^] 5	12.36 [^] 5	0 [^] 5
190		Translations per 1st DID number - DMS100 [^] 18	Not Applicable	0 [^] 5	8.66 [^] 5	0 [^] 5
191		Translations per Addl. DID number - DMS100 [^] 18	Not Applicable	0 [^] 5	4.95 [^] 5	0 [^] 5
192	SHARED COST FOR ALL AIN SERVICES	AIN setup translations per office - 5ESS [^] 18	(SEPC 6)	0 [^] 5	43.27 [^] 5	0 [^] 5
193		AIN setup translations per office - DMS100 [^] 18	(SEPC 6)	0 [^] 5	358.51 [^] 5	0 [^] 5
194	CENTREX	PLEXAR AIN setup translations per office - DMS100 [^] 18	(NACC6)	0 [^] 5	358.51 [^] 5	0 [^] 5
195	NONRECURRING COST - DISCONNECT	CLEC order for Customized Routing per switch [^] 18	Under Development	0 [^] 5	6.53 [^] 5	0 [^] 5

CLEC AECN:
RESALE AECN:
ACNA:

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196	CENTREX	Translations per Plexar Customer - 5ESS ^{^18}	(SEPC 6)	0 ^{^5}	43.27 ^{^5}	0 ^{^5}
197		Translations per Plexar Customer - DMS100 ^{^18}	(SEPC 6)	0 ^{^5}	105.09 ^{^5}	0 ^{^5}
198		CENTREX Line Translations for all technologies per 5 stations ^{^18}	(NACC6)	0 ^{^5}	0.59 ^{^5}	0 ^{^5}
199	POTS	POTS Translations per 5ESS office ^{^18}	Not applicable - Resale Only	0 ^{^5}	24.72 ^{^5}	0 ^{^5}
200		POTS Translations per DMS100 office ^{^18}	Not applicable - Resale Only	0 ^{^5}	132.27 ^{^5}	0 ^{^5}
201		POTS Line Translations for all technologies per line ^{^18}	Not applicable - Resale Only	0 ^{^5}	0.29 ^{^5}	0 ^{^5}
202	DID	Translations per 1st DID number - 5ESS ^{^18}	Not Applicable	0 ^{^5}	12.36 ^{^5}	0 ^{^5}
203		Translations per addl. DID number - 5ESS ^{^18}	Not Applicable	0 ^{^5}	12.36 ^{^5}	0 ^{^5}
204		Translations per 1st DID number - DMS100 ^{^18}	Not Applicable	0 ^{^5}	8.66 ^{^5}	0 ^{^5}
205		Translations per Addl. DID number - DMS100 ^{^18}	Not Applicable	0 ^{^5}	4.95 ^{^5}	0 ^{^5}
206	Ports	Analog Line Port Zone 1	UYP/RBQ	1.74 ^{^2}	1.27 ^{^2}	1.27 ^{^2}
207		Analog Line Port Zone 2	UYP/RBQ	1.97 ^{^2}	1.27 ^{^2}	1.27 ^{^2}
208		Analog Line Port Zone 3	UYP/RBQ	2.47 ^{^2}	1.27 ^{^2}	1.27 ^{^2}
209		Analog Line Port Zone 4	UYP/RBQ	2.25 ^{^2}	1.27 ^{^2}	1.27 ^{^2}
210		BRI Line Port Zone 1	U1P/RBJ	5.56 ^{^1}	5.36 ^{^1}	3.53 ^{^1}
211		BRI Line Port Zone 2	U1P/RBJ	5.56 ^{^1}	5.36 ^{^1}	3.53 ^{^1}
212		BRI Line Port Zone 3	U1P/RBJ	5.56 ^{^1}	5.36 ^{^1}	3.53 ^{^1}
213		BRI Line Port Zone 4	U1P/RBJ	5.56 ^{^1}	5.36 ^{^1}	3.53 ^{^1}
214		PRI Line Port Zone 1	UJP/RB5	165.85 ^{^1}	214.53 ^{^1}	98.53 ^{^1}
215		PRI Line Port Zone 2	UJP/RB5	165.85 ^{^1}	214.53 ^{^1}	98.53 ^{^1}
216		PRI Line Port Zone 3	UJP/RB5	165.85 ^{^1}	214.53 ^{^1}	98.53 ^{^1}
217		PRI Line Port Zone 4	UJP/RB5	165.85 ^{^1}	214.53 ^{^1}	98.53 ^{^1}
218		Analog DID Trunk Port Zone 1	U5P/RBT	13.55 ^{^1}	50.04 ^{^1}	50.04 ^{^1}
219		Analog DID Trunk Port Zone 2	U5P/RBT	14.45 ^{^1}	52.1 ^{^1}	52.1 ^{^1}
220		Analog DID Trunk Port Zone 3	U5P/RBT	10.6 ^{^1}	50.04 ^{^1}	50.04 ^{^1}
221		Analog DID Trunk Port Zone 4	U5P/RBT	15.12 ^{^1}	50.04 ^{^1}	50.04 ^{^1}
222		DS1 Trunk Port Zone 1	U9Z	132.14 ^{^1}	121.79 ^{^1}	24.76 ^{^1}
223		DS1 Trunk Port Zone 2	U9Z	126.71 ^{^1}	121.83 ^{^1}	24.83 ^{^1}
224		DS1 Trunk Port Zone 3	U9Z	58.04 ^{^1}	120.35 ^{^1}	22.86 ^{^1}
225		DS1 Trunk Port Zone 4	U9Z	140.35 ^{^1}	123.74 ^{^1}	27.36 ^{^1}
226	Feature Activation per Analog Line Port Type	Call Waiting	ESX	None ^{^4}	0 ^{^4}	None ^{^4}
227		Call Waiting ID	NWT	None ^{^4}	0 ^{^4}	None ^{^4}
228		Call Waiting ID Options (for end users type 2.5 CPE)	NWL	None ^{^4}	0 ^{^4}	None ^{^4}
229		Call Forwarding Variable	ESM	None ^{^4}	0 ^{^4}	None ^{^4}
230		Call Forwarding Busy Line	EVB	None ^{^4}	0 ^{^4}	None ^{^4}
231		Call Forwarding Don't Answer	EVD	None ^{^4}	0 ^{^4}	None ^{^4}
232		Call Forward Busy Line/Don't Answer	ESE	None ^{^4}	0 ^{^4}	None ^{^4}
233		Call Transfer Disconnect	FG3	None ^{^4}	0 ^{^4}	None ^{^4}
234		Simultaneous Call Forwarding	ESD	None ^{^4}	0 ^{^4}	None ^{^4}
235		Remote Access to Call Forwarding	RC3	None ^{^4}	0 ^{^4}	None ^{^4}
236		Three-Way Calling	ESC	None ^{^4}	0 ^{^4}	None ^{^4}

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237		Speed Calling 8	ESL	None^^4	0^^4	None^^4
238		Speed Calling 30	ESF	None^^4	0^^4	None^^4
239		Auto Callback/Auto Redial	NSQ	None^^4	0^^4	None^^4
240		Distinctive Ring/Priority Call	NSK	None^^4	0^^4	None^^4
241		Selective Call Rejection/Call Blocker	NSY	None^^4	0^^4	None^^4
242		Auto Recall/Call Return	NSS	None^^4	0^^4	None^^4
243		Selective Call Forwarding	NCE	None^^4	0^^4	None^^4
244		Calling # Delivery	NSD	None^^4	0^^4	None^^4
245		CNAM Delivery	NMP	None^^4	0^^4	None^^4
246		Calling Name/Name Delivery Blocking/Per Ln Block	NBJ	None^^4	0^^4	None^^4
247		Calling Number/Name Blocking (Per Call)	NSG	None^^4	0^^4	None^^4
248		Anonymous Call Rejection	AYK	None^^4	0^^4	None^^4
249		Customer Alerting Enablement	AWS	None^^4	0^^4	None^^4
250		Toll Restriction	DH2	None^^4	0^^4	None^^4
251		International Direct Dialing Blocking	NR4BK	None^^4	0^^4	None^^4
252	Analog Line Port Features/per arrangement	Personalized Ring^^20	DRS	None	\$0.20	None
253		Personalized Ring 1st DN	DRS1X	None^^4	0^^4	None^^4
254		Personalized Ring 2nd DN	DRS2X	None^^4	0^^4	None^^4
255		Hunting Arrangement^^20	NR931	None^^4	0.29^^4	None^^4
256	Analog Line Port Feature Activation per successful occurrence	Call Trace (per feature per port)-Connect^^20	NST	None^^4	0.29^^4	None^^4
257		Call Trace (per feature per port)-Disconnect^^20	NST	None^^10	0.29^^10	None^^10
258		Call Trace (per successful occurrence per port)^^20	ZZUCL	None^^4	3.57^^4	None^^4
259	ISDN BRI Basic/BRI Centrex-like & PRI Trunk Side	CSV/CSD per B channel - Connect^^20	STHXX	None^^4	0.59^^4	None^^4
260		CSV/CSD per B channel - Disconnect^^20	STHXX	None^^10	0.59^^10	None^^10
261		Additional Call Offering for CSV per B Channel^^20	NCO	None	\$1.21	None
262		Call Forwarding Don't Answer per B Channel	NQ6	None^^4	0^^4	None^^4
263		Call Forwarding Variable per B Channel	NVF	None^^4	0^^4	None^^4
264		Three Way Conference Calling Per B Channel	NZ3	None^^4	0^^4	None^^4
265	ISDN BRI Centrex-like Features	Intercom Dialing	under development	None^^4	0^^4	None^^4
266	ISDN BRI Port Feature Packages	Basic EKTS per B channel - Connect^^20	FPG1X	None^^4	0.59^^4	None^^4
267		Basic EKTS per B channel - Disconnect^^20	FPG1X	None^^10	0.59^^10	None^^10
268		CACH EKTS per B Channel - Connect^^20	EFV1X	None^^4	0.59^^4	None^^4
269		CACH EKTS per B Channel - Disconnect^^20	EFV1X	None^^10	0.59^^10	None^^10
270	ISDN BRI Basic Individual Port Features	Call Forwarding Interface Busy	NQ5	None^^4	0^^4	None^^4
271		Calling Number Delivery	ZCN	None^^4	0^^4	None^^4
272		Hunt Group for CSD	HTKPG	None^^4	0^^4	None^^4
273		Hunt Group for CSV	GXH	None^^4	0^^4	None^^4
274		Message Waiting Indicator	NZW	None^^4	0^^4	None^^4
275		Secondary Only Telephone Number	DO6	None^^4	0^^4	None^^4
276	ISDN PRI Trunk Side Features	Backup D Channel - Connect^^20	ZPBXD	None^^4	34.21^^4	None^^4
277		Backup D Channel - Disconnect^^18	under development	None^^10	32.41^^10	None^^10
278		Calling Number Delivery - Connect^^20	NXN	None^^4	14.92^^4	None^^4

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279		Calling Number Delivery - Disconnect^^20	NXN	None^^10	14.92^^10	None^^10
280		Dynamic Channel Allocation - Connect^^20	CCZ	None^^4	42.6^^4	None^^4
281		Dynamic Channel Allocation - Disconnect^^18	under development	None^^10	30.74^^10	None^^10
282	Analog Trunk Port DS1 Digital DID Trunk Port	DID #s - Initial 100 #s^^20	ND8	None^^4	130.21^^4	11.23^^4
283		DID #s - Initial 10 #s^^20	NDZ	None^^4	123.65^^4	5.6^^4
284	Centrex-like System Charges	System Establishment per serving office - Analog Only - Connect^^20	SEPUX	None^^4	450.88^^4	None^^4
285		System Establishment per serving office - Analog Only - Disconnect^^18	under development	None^^10	117.13^^10	None^^10
286		System Establishment per serving office - Analog/ISDN BRI Mix^^20	SEPUY	None^^4	450.88^^4	None^^4
287		System Establishment per serving office - Analog/ISDN BRI Mix^^18	under development	None^^10	117.13^^10	None^^10
288		System Establishment per serving office - ISDN BRI Only - Connect^^20	SEPUU	None^^4	450.88^^4	None^^4
289		System Establishment per serving office - ISDN BRI Only - Disconnect^^18	under development	None^^10	117.13^^10	None^^10
290		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^^4	0^^4	None^^4
291		System Subsqnt Conversion per serving office - Add Analog to existing ISDN BRI only system	NR93W	None^^4	0^^4	None^^4
292	Analog Line Port & BRI Line Port Centrex-Like Features	Auto Callback Calling/Business Group Callback	RGE	None^^4	0^^4	None^^4
293		Call Forwarding Busy Line^^20	GCE	None^^4	1.21^^4	None^^4
294		Call Hold^^20	6AB	None^^4	1.21^^4	None^^4
295		Call Pickup^^20	E3P	None^^4	1.21^^4	None^^4
296		Call Transfer - All Calls^^20	TF1PS	None^^4	1.21^^4	None^^4
297		Class of Service Restr. - Fully^^20	ERSFC	None^^4	1.21^^4	None^^4
298		Class of Service Restr. - Semi^^20	RQW	None^^4	1.21^^4	None^^4
299		Class of Service Restr. - Toll^^20	ERSPA	None^^4	1.21^^4	None^^4
300		Consult. Hold^^20	EBE	None^^4	1.21^^4	None^^4
301		Dial Call Waiting^^20	WDK	None^^4	1.21^^4	None^^4
302		Directed Call Pickup - Non Barge in^^20	69D	None^^4	1.21^^4	None^^4
303		Directed Call Pickup - With Barge in^^20	6MD	None^^4	1.21^^4	None^^4
304		Distinctive Ring and Call Waiting Tone^^20	DRJ	None^^4	1.21^^4	None^^4
305		Hunting Arrgmt - Basic^^20	HRK	None^^4	3.54^^4	None^^4
306		Hunting Arrgmt - Circular^^20	HCK	None^^4	3.54^^4	None^^4
307	Analog Line Port Centrex-Like Features	Standard feature initialization per analog port^^20	NR935	None^^4	1.21^^4	None^^4
308		Auto Callback Calling/Business Group Callback^^18	under development	None^^4	1.21^^4	None^^4
309		Call Forwarding Variable/ Business Group Call Forwarding Variable^^20	HWJ	None^^4	1.21^^4	None^^4
310		Call Forwarding Don't Answer^^20	69H	None^^4	1.21^^4	None^^4

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311		Call Waiting - Intragroup/Business Call Forwarding Var.^20	NGW	None^4	1.21^4	None^4
312		Call Waiting - Orig.^20	6SZ	None^4	1.21^4	None^4
313		Call Waiting - Term.^20	HUH	None^4	1.21^4	None^4
314		Speed Calling Personal^20	E18	None^4	1.21^4	None^4
315		Three Way Calling^20	ESCPS	None^4	1.21^4	None^4
316		Voice/Data Protection^20	D7N	None^4	1.21^4	None^4
317	BRI Line Port Centrex-Like Features	Standard feature initialization per ISDN BRI port^20	NR936	None^4	1.21^4	None^4
318		Speed Calling Personal^20	E18	None^4	1.21^4	None^4
319	Tandem Switching	Per MOU per call	ZZUTA	0.0012^2	None^2	None^2
320	Blended Transport	Per MOU - Zone 1	ZZUBT	0.0005^2	None^2	None^2
321		Per MOU - Zone 2	ZZUBT	0.0006^2	None^2	None^2
322		Per MOU - Zone 3	ZZUBT	0.0007^2	None^2	None^2
323		Per MOU - Zone 4	ZZUBT	0.0005^2	None^2	None^2
324		Per MOU - Interzone	ZZUBT	0.0007^2	None^2	None^2
325	Common Transport	Termination MOU Zone 1	ZZUCT	0.0002^2	None^2	None^2
326		Termination MOU Zone 2	ZZUCT	0.0002^2	None^2	None^2
327		Termination MOU Zone 3	ZZUCT	0.0002^2	None^2	None^2
328		Termination MOU Zone 4	ZZUCT	0.0001^2	None^2	None^2
329		Termination MOU Interzone	ZZUCT	0.0003^2	None^2	None^2
330		Facility Mile MOU Zone 1	ZZUCT	0^2	None^2	None^2
331		Facility Mile MOU Zone 2	ZZUCT	0^2	None^2	None^2
332		Facility Mile MOU Zone 3	ZZUCT	0^2	None^2	None^2
333		Facility Mile MOU Zone 4	ZZUCT	0^2	None^2	None^2
334		Facility Mile MOU Interzone	ZZUCT	0^1	None^1	None^1
335	Dedicated Transport	DS1 Entrance Facilities Zone 1 - Install^20	UENHX	70.25^4	260.39^4	126.65^4
336		DS1 Entrance Facilities Zone 1 - Disconnect^18	under development	0^10	117.88^10	17.26^10
337		DS1 Entrance Facilities Zone 2 - Install^20	UENHX	71.82^4	260.39^4	126.65^4
338		DS1 Entrance Facilities Zone 2 - Disconnect^18	under development	0^10	117.88^10	17.26^10
339		DS1 Entrance Facilities Zone 3 - Install^20	UENHX	75.24^4	260.39^4	126.65^4
340		DS1 Entrance Facilities Zone 3 - Disconnect^18	under development	0^10	117.88^10	17.26^10
341		DS1 Entrance Facilities Zone 4 - Install^20	UENHX	70.53^4	260.39^4	126.65^4
342		DS1 Entrance Facilities Zone 4 - Disconnect^18	under development	0^10	117.88^10	17.26^10
343		DS3 Entrance Facilities Zone 1 - Install^20	UENJX	163.16^4	255.44^4	91.98^4
344		DS3 Entrance Facilities Zone 1 - Disconnect^18	under development	0^10	140.76^10	34.92^10
345		DS3 Entrance Facilities Zone 2 - Install^20	UENJX	179.21^4	255.44^4	91.98^4
346		DS3 Entrance Facilities Zone 2 - Disconnect^18	under development	0^10	140.76^10	34.92^10
347		DS3 Entrance Facilities Zone 3 - Install^20	UENJX	261.14^4	255.44^4	91.98^4
348		DS3 Entrance Facilities Zone 3 - Disconnect^18	under development	0^10	140.76^10	34.92^10
349		DS3 Entrance Facilities Zone 4 - Install^20	UENJX	164.14^4	255.44^4	91.98^4
350		DS3 Entrance Facilities Zone 4 - Disconnect^18	under development	0^10	140.76^10	34.92^10
351		OC3 Entrance Facilities Zone 1 - Install^20	UENKX	390.14^5	286.83^5	113.91^5
352		OC3 Entrance Facilities Zone 1 - Disconnect^18	under development	0^10	148.36^10	53.9^10
353		OC3 Entrance Facilities Zone 2 - Install^20	UENKX	423.16^5	286.83^5	113.91^5
354		OC3 Entrance Facilities Zone 2 - Disconnect^18	under development	0^10	148.36^10	53.9^10
355		OC3 Entrance Facilities Zone 3 - Install^20	UENKX	495.04^5	286.83^5	113.91^5

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356		OC3 Entrance Facilities Zone 3 - Disconnect^^18	under development	0^^10	148.36^^10	53.9^^10
357		OC3 Entrance Facilities Zone 4 - Install^^20	UENKX	396.12^^5	286.83^^5	113.91^^5
358		OC3 Entrance Facilities Zone 4 - Disconnect^^18	under development	0^^10	148.36^^10	53.9^^10
359		OC12 Entrance Facilities Zone 1 - Install^^20	UENLX	1257.22^^5	286.83^^5	113.91^^5
360		OC12 Entrance Facilities Zone 1 - Disconnect^^18	under development		148.36^^10	53.9^^10
361		OC12 Entrance Facilities Zone 2 - Install^^20	UENLX	1290.24^^5	286.83^^5	113.91^^5
362		OC12 Entrance Facilities Zone 2 - Disconnect^^18	under development		148.36^^10	53.9^^10
363		OC12 Entrance Facilities Zone 3 - Install^^20	UENLX	1362.11^^5	286.83^^5	113.91^^5
364		OC12 Entrance Facilities Zone 3 - Disconnect^^18	under development		148.36^^10	53.9^^10
365		OC12 Entrance Facilities Zone 4 - Install^^20	UENLX	1263.19^^5	286.83^^5	113.91^^5
366		OC12 Entrance Facilities Zone 4 - Disconnect^^18	under development		148.36^^10	53.9^^10
367		VG Interoffice Transport - Zone 1 - Urban First Mile - Install^^20	ULN2S	6.61^^5	8.86^^5	2.97^^5
368		VG Interoffice Transport - Zone 1 - Urban First Mile - Disconnect^^18	under development	0^^10	2.66^^10	0.91^^10
369		VG Interoffice Transport - Zone 2 - Suburban First Mile - Install^^20	ULN2S	7.44^^5	8.86^^5	2.97^^5
370		VG Interoffice Transport - Zone 2 - Suburban First Mile - Disconnect^^18	under development	0^^10	2.66^^10	0.91^^10
371		VG Interoffice Transport - Zone 3 - Rural First Mile - Install^^20	ULN2S	7.39^^5	8.86^^5	2.97^^5
372		VG Interoffice Transport - Zone 3 Rural First Mile - Disconnect^^18	under development	0^^10	2.66^^10	0.91^^10
373		VG Interoffice Transport - Zone 4 - Springfield First Mile - Install^^20	ULN2S	6.5^^5	8.86^^5	2.97^^5
374		VG Interoffice Transport - Zone 4 Springfield First Mile - Disconnect^^18	under development	0^^10	2.66^^10	0.91^^10
375		VG Interoffice Transport - Interzone First Mile - Install^^20	ULN2S	7.22^^5	8.86^^5	2.97^^5
376		VG Interoffice Transport - Interzone First Mile - Disconnect^^18	under development	0^^10	2.66^^10	0.91^^10
377		VG Interoffice Transport - Zone 1 - Urban Add'l Mile^^20	ULN2S	0.0034^^5	None^^5	None^^5
378		VG Interoffice Transport - Zone 2 - Suburban Add'l Mile^^20	ULN2S	0.0781^^5	None^^5	None^^5
379		VG Interoffice Transport - Zone 3 - Rural Add'l Mile^^20	ULN2S	0.1573^^5	None^^5	None^^5
380		VG Interoffice Transport - Zone 4 - Springfield Add'l Mile^^20	ULN2S	0.0011^^5	None^^5	None^^5
381		VG Interoffice Transport - Interzone Add'l Mile^^20	ULN2S	0.026^^5	None^^5	None^^5
382		OC3 Interoffice Transport - Zone 1 - Urban First Mile - Install^^20	ULNKS	568.52^^5	176.34^^5	39.48^^5
383		OC3 Interoffice Transport - Zone 1 - Urban First Mile - Disconnect^^18	under development	0^^10	2.85^^10	1.17^^10
384		OC3 Interoffice Transport - Zone 2 - Suburban First Mile - Install^^20	ULNKS	1410.12^^5	176.34^^5	39.48^^5

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385		OC3 Interoffice Transport - Zone 2 - Suburban First Mile - Disconnect^^18	under development	0^^10	2.85^^10	1.17^^10
386		OC3 Interoffice Transport - Zone 3 - Rural First Mile - Install^^20	ULNKS	None^^5	176.34^^5	39.48^^5
387		OC3 Interoffice Transport - Zone 3 - Rural First Mile - Disconnect^^18	under development	0^^10	2.85^^10	1.17^^10
388		OC3 Interoffice Transport - Zone 4 - Springfield First Mile - Install^^20	ULNKS	335.23^^5	176.34^^5	39.48^^5
389		OC3 Interoffice Transport - Zone 4 - Springfield First Mile - Disconnect^^18	under development	0^^10	2.85^^10	1.17^^10
390		OC3 Interoffice Transport - Interzone First Mile - Install^^18	ULNKS	1032.87^^5	176.34^^5	39.48^^5
391		OC3 Interoffice Transport - Interzone First Mile - Disconnect^^18	under development	0^^10	2.85^^10	1.17^^10
392		OC3 Interoffice Transport - Zone 1 - Urban Add'l Mile^^20	ULNKS	5.61^^5	None^^5	None^^5
393		OC3 Interoffice Transport - Zone 2 - Suburban Add'l Mile^^20	ULNKS	88.37^^5	None^^5	None^^5
394		OC3 Interoffice Transport - Zone 3 - Rural Add'l Mile^^20	ULNKS	None^^5		
395		OC3 Interoffice Transport - Zone 4 - Springfield Add'l Mile^^20	ULNKS	1.3^^5	None^^5	None^^5
396		OC3 Interoffice Transport - Interzone Add'l Mile^^20	ULNKS	19.34^^5	None^^5	None^^5
397		OC12 Interoffice Transport - Zone 1 - Urban First Mile - Install^^20	ULNLX	1678.79^^5	176.34^^5	39.48^^5
398		OC12 Interoffice Transport - Zone 1 - Urban First Mile - Disconnect^^18	under development	0^^10	2.85^^10	1.17^^10
399		OC12 Interoffice Transport - Zone 2 - Suburban First Mile - Install^^20	ULNLX	None^^5	176.34^^5	39.48^^5
400		OC12 Interoffice Transport - Zone 2 - Suburban First Mile - Disconnect^^18	under development	0^^10	2.85^^10	1.17^^10
401		OC12 Interoffice Transport - Zone 3 - Rural First Mile - Install^^20	ULNLX	None^^5	176.34^^5	39.48^^5
402		OC12 Interoffice Transport - Zone 3 - Rural First Mile - Disconnect^^18	under development	0^^10	2.85^^10	1.17^^10
403		OC12 Interoffice Transport - Zone 4 - Springfield First Mile - Install^^20	ULNLX	779.65^^5	176.34^^5	39.48^^5
404		OC12 Interoffice Transport - Zone 4 - Springfield First Mile - Disconnect^^18	under development	0^^10	2.85^^10	1.17^^10
405		OC12 Interoffice Transport - Interzone First Mile - Install^^20	ULNLX	2495.69^^5	176.34^^5	39.48^^5
406		OC12 Interoffice Transport - Interzone First Mile - Disconnect^^18	under development	0^^10	2.85^^10	1.17^^10
407		OC12 Interoffice Transport - Zone 1 - Urban Add'l mile^^20	ULNLX	18.52^^5	None^^5	None^^5

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408		OC12 Interoffice Transport - Zone 2 - Suburban Add'l mile ²⁰	ULNLX	None ⁵	None ⁵	None ⁵
409		OC12 Interoffice Transport - Zone 3 - Rural Add'l mile ²⁰	ULNLX	None ⁵	None ⁵	None ⁵
410		OC12 Interoffice Transport - Zone 4 - Springfield Add'l mile ²⁰	ULNLX	5.21 ⁵	None ⁵	None ⁵
411		OC12 Interoffice Transport - Interzone Add'l mile ²⁰	ULNLX	28.97 ⁵	None ⁵	None ⁵
412		OC48 Interoffice Transport - Zone 1 - Urban First Mile ²⁰	ULNNS	ICB ⁴	ICB ⁴	ICB ⁴
413		OC48 Interoffice Transport - Zone 2 - Suburban First Mile ²⁰	ULNNS	ICB ⁴	ICB ⁴	ICB ⁴
414		OC48 Interoffice Transport - Zone 3 - Rural First Mile ²⁰	ULNNS	ICB ⁴	ICB ⁴	ICB ⁴
415		OC48 Interoffice Transport - Interzone First Mile ²⁰	ULNNS	ICB ⁴	ICB ⁴	ICB ⁴
416		OC48 Interoffice Transport - Zone 1 - Urban Add'l Mile ²⁰	ULNNS	ICB ⁴	ICB ⁴	ICB ⁴
417		OC48 Interoffice Transport - Zone 2 - Suburban Add'l Mile ²⁰	ULNNS	ICB ⁴	ICB ⁴	ICB ⁴
418		OC48 Interoffice Transport - Zone 3 - Rural Add'l Mile ²⁰	ULNNS	ICB ⁴	ICB ⁴	ICB ⁴
419		OC48 Interoffice Transport - Interzone Add'l Mile ²⁰	ULNNS	ICB ⁴	ICB ⁴	ICB ⁴
420						
421		DS1 Interoffice Transport - 1st Mile Zone 1	ULNHS	46.85 ²	174.43 ²	118.14 ²
422		DS1 Interoffice Transport - 1st Mile Zone 2	ULNHS	70.87 ²	174.43 ²	118.14 ²
423		DS1 Interoffice Transport - 1st Mile Zone 3	ULNHS	71.61 ²	174.43 ²	118.14 ²
424		DS1 Interoffice Transport - 1st Mile Zone 4	ULNHS	42.78 ²	174.43 ²	118.14 ²
425		DS1 Interoffice Transport - 1st Mile- Interzone	ULNHS	81.61 ²	174.43 ²	118.14 ²
426		DS1 Interoffice Transport - Add'l Mile Zone 1	ULNHS	0.51 ²	174.43 ²	118.14 ²
427		DS1 Interoffice Transport - Add'l Mile Zone 2	ULNHS	1.36 ²	174.43 ²	118.14 ²
428		DS1 Interoffice Transport - Add'l Mile Zone 3	ULNHS	1.6 ¹	174.43 ¹	118.14 ¹
429		DS1 Interoffice Transport - Add'l Mile - Zone 4	ULNHS	0.19 ¹	174.43 ¹	118.14 ¹
430		DS1 Interoffice Transport - Add'l Mile - Interzone	ULNHS	0.97 ¹	174.43 ¹	118.14 ¹
431		DS3 Interoffice Transport - 1st Mile Zone 1	ULNJS	754.05 ²	170.28 ²	130.07 ²
432		DS3 Interoffice Transport - 1st Mile Zone 2	ULNJS	1486.67 ²	170.28 ²	130.07 ²
433		DS3 Interoffice Transport - 1st Mile Zone 3	ULNJS	1670.39 ²	170.28 ²	130.07 ²
434		DS3 Interoffice Transport - 1st Mile Zone 4	ULNJS	643.14 ²	170.28 ²	130.07 ²
435		DS3 Interoffice Transport - 1st Mile-Interzone	ULNJS	1924.75 ²	170.28 ²	130.07 ²
436		DS3 Interoffice Transport - Add'l Mile Zone 1	ULNJS	12.75 ²	170.28 ²	130.07 ²
437		DS3 Interoffice Transport - Add'l Mile Zone 2	ULNJS	46.01 ²	170.28 ²	130.07 ²
438		DS3 Interoffice Transport - Add'l Mile Zone 3	ULNJS	79.54 ²	170.28 ²	130.07 ²
439		DS3 Interoffice Transport - Add'l Mile- Zone 4	ULNJS	16.16 ²	170.28 ²	130.07 ²
440		DS3 Interoffice Transport - Add'l Mile-Interzone	ULNJS	21.08 ²	170.28 ²	130.07 ²
441	Dedicated Transport Cross Connect	Voice Grade 2W - Install ²⁰	UCXV2	1.6 ⁵	86.3 ⁵	68.11 ⁵
442		Voice Grade 2W - Disconnect ¹⁸	Under development	0 ¹⁰	14.09 ¹⁰	11.6 ¹⁰
443		VG 4W - Install ²⁰	UCXV4	2.74 ⁵	86.3 ⁵	68.11 ⁵

CLEC AECN:
RESALE AECN:
ACNA:

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444		VG 4W - Disconnect^^18	Under development	0^^10	14.09^^10	11.6^^10
445		DS1 - Install^^20	UCXHX	14.51^^4	96.26^^4	64.42^^4
446		DS1 - Disconnect^^18	Under development	0^^10	22.84^^10	19.11^^10
447		DS3	UCXJX	30.08^^1	54.98^^1	42.9^^1
448		OC3 - Install^^20	UCXKX	0.88^^5	152.87^^5	99.69^^5
449		OC3 - Disconnect^^18	Under development	0^^10	35.19^^10	31.47^^10
450		OC12 - Install^^20	UCXLX	0.88^^5	152.87^^5	99.69^^5
451		OC12 - Disconnect	Under development			
452		OC48 - Install^^20	UCXNX	ICB^^4	ICB^^4	ICB^^4
453		OC48 - Disconnect^^18	Under development		ICB^^10	ICB^^10
454	Digital Cross-Connect System	DS0 DCS Port - Install^^20	Not Applicable	7.63^^4	19.42^^4	18.78^^4
455		DS0 DCS Port - Disconnect^^18	Not Applicable	0^^10	6.83^^10	6.21^^10
456		DS1 DCS Port - Install^^20	UDUDX	14.77^^4	25.35^^4	24.7^^4
457		DS1 DCS Port - Disconnect^^18	Not Applicable	0^^10	6.83^^10	6.18^^10
458		DS3 DCS Port - Install^^20	Not Applicable	128.04^^4	25.35^^4	24.7^^4
459		DS3 DCS Port - Disconnect^^18	Not Applicable	0^^10	6.83^^10	6.18^^10
460		DCS Establishment - Install^^20	SEPU3	None^^4	2183.3^^4	1902.38^^4
461		DCS Establishment - Disconnect^^18	Not Applicable	0^^10	250.2^^10	250.2^^10
462		Database Modification - Install^^20	NR9U4	None^^4	111.16^^4	111.16^^4
463		Database Modification - Disconnect^^18	Not Applicable	0^^10	None^^10	None^^10
464		Reconfiguration Charge - Install^^20	Not Applicable	None^^4	0.09^^4	None^^4
465		Reconfiguration Charge - Disconnect^^18	Not Applicable	0^^10	None^^10	None^^10
466	Multiplexing	DS1 to Voice Grade - Install^^20	UM4BX	168.23^^4	85.64^^4	68.12^^4
467		DS1 to Voice Grade - Disconnect^^18	Under development	0^^4	13.44^^4	11.6^^4
468		DS3 to DS1 - Install^^20	UM4AX	413.62^^4	200.86^^4	155.77^^4
469		DS3 to DS1 - Disconnect^^18	Under development	0^^4	44.33^^4	31.98^^4
470		OC3 to 84 DS1 - Install^^18	Under development	569.29^^10	234.34^^10	189.14^^10
471		OC3 to 84 DS1 - Disconnect^^18	Under development	0^^10	94.03^^10	81.46^^10
472		OC3 to 3 DS3 - Install^^18	Under development	400.47^^10	168.29^^10	87.07^^10
473		OC3 to 3 DS3 - Disconnect^^18	Under development	0^^10	59.65^^10	47.08^^10
474		OC12 to 12 DS3 - Install^^18	Under development	605^^10	182.41^^10	101.18^^10
475		OC12 to 12 DS3 - Disconnect^^18	Under development	0^^10	79.92^^10	67.36^^10
476		OC12 to 4 OC3/OC3-c - Install^^18	Under development	609.86^^10	219.27^^10	125.7^^10
477		OC12 to 4 OC3/OC3-c - Disconnect^^18	Under development	0^^10	68.08^^10	55.51^^10
478	SS7 Links - Cross Connect	STP to Collo Cage - DS0 (all zones) - Install^^20	5-state billed in IBIS	78.47^^4	158.18^^4	150.45^^4
479		STP to Collo Cage - DS0 (all zones) - Disconnect^^18	5-state billed in IBIS	0^^10	16.16^^10	11.64^^10
480		STP to Collo Cage - DS1 (all zones) - Install^^20	5-state billed in IBIS	67.01^^4	153.86^^4	146.39^^4
481		STP to Collo Cage - DS1 (all zones) - Disconnect^^18	5-state billed in IBIS	0^^10	16.16^^10	11.64^^10
482		STP to SWBT TDF - DS0 - Install^^20	5-state billed in IBIS	78.47^^5	158.18^^5	150.45^^5
483		STP to SWBT TDF - DS0 - Disconnect^^18	5-state billed in IBIS	0^^10	16.16^^10	11.64^^10
484		STP to SWBT SDX Frame - DS1 - Install^^20	5-state billed in IBIS	67.01^^5	153.86^^5	146.39^^5
485		STP to SWBT SDX Frame - DS1 - Disconnect^^18	5-state billed in IBIS	0^^10	16.16^^10	11.64^^10
486	Unbundled Signaling	STP Access Connection 1.544 Mbps - Fixed^^20	IBIS billed	22.21^^5	None^^5	None^^5
487		STP Access Connection 1.544 Mbps - per mile^^20	IBIS billed	0.19^^5	None^^5	None^^5
488		STP Access Link 56 Kbps per link^^20	IBIS billed	6.8^^5	None^^5	None^^5
489		STP Access Link 56 Kbps per mile^^20	IBIS billed	0.01^^5	None^^5	None^^5

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1	Product Type	Rate Element Description	USOCs	Current Monthly Recurring Rate	Current Non- Recurring Rate (Initial)	Current Non- Recurring Rate (Additional)
490		SS7 Transport per octet	IBIS billed	0 ^{^2}	None ^{^2}	None ^{^2}
491		SS7 Signaling Transport per call	ZZUU7	0.0001 ^{^5}	None ^{^5}	None ^{^5}
492		STP Port per port ^{^20}	PT8SX - IBIS billed	391.7 ^{^2}	217.14 ^{^2}	None ^{^2}
493		Signaling Point Code, Cost per STP Pair ^{^18,24}	IBIS billed		^{^5}	^{^5}
494		Global Title Translation, Cost per STP Pair ^{^18,24}	IBIS billed		^{^5}	^{^5}
495						
496		Point Code Addition per STP pair ^{^20}	IBIS billed	None ^{^5}		
497		GTT Title Translation - Simple ^{^20}	Under development	None ^{^5}		
498		GTT Title Translation - Complex ^{^20}	Under development	None ^{^5}		
499	Line Information Database - Validation, OLNS and CNAM	Validation Query				
500		Calling Card Query ^{^20}	(ZZULC)	0.0142 ^{^4}		
501		Billing Number Screening Query ^{^20}	(ZZULB)	0.0142 ^{^4}		
502		CNAM Service Query ^{^20}	(ZZULE)	0.0009 ^{^4}		
503		OLNS Service Query ^{^20}	(ZZULD)	0.0009 ^{^10}		
504		Query Transport (applies to Validation, CNAM and OLNS queries)	(ZZULA)	0 ^{^4}		
505		Service Establishment Charge ^{^20}	(NRBLA)		12.57 ^{^4}	
506		Service Order Charge ^{^20}	(NRB1X)		108.55 ^{^4}	
507	Toll Free Database per Message/Query	800 Query - Simple	Not Applicable	0.0003 ^{^1}	None ^{^1}	None ^{^1}
508		Designated 10-Digit Translation	Not Applicable	0 ^{^1}	None ^{^1}	None ^{^1}
509		Call Validation	Not Applicable	0 ^{^1}	None ^{^1}	None ^{^1}
510		Call Handling and Destination (Toll-Free-800 Addition)	Not Applicable	0 ^{^1}	None ^{^1}	None ^{^1}
511	OSS	System Access	Not a UNE	3345 ^{^9}	None ^{^9}	None ^{^9}
512		Remote Facility per port - Direct Connections	Not a UNE	1580 ^{^9}	None ^{^9}	None ^{^9}
513		Remote Facility per port - Dial-up Connection	Not a UNE	316 ^{^9}	None ^{^9}	None ^{^9}
514	Directory Assistance	DA per call	ZZU03/ZZU04	\$ 0.3700	None	None
515		DACC - rate per completed call	ZZU07	\$ 0.1500	None	None
516		Non-Published EMS	Not Applicable	\$ 2.10	None	None
517	Directory Listing Information	Per Listing - Initial Load and Update ^{^18}	Not Applicable	\$ 0.0585	None	None
518		National Directory Assistance (NDA)	ZZU05/ZZU06	\$ 0.65	None	None
519		Business Category Search (BCS)	ZZU0B	\$ 0.65	None	None
520		Reverse Directory Assistance (RDA)	ZZU08/ZZU09	\$ 0.65	None	None
521	Access to DS DB - Direct Access	DB Service	Not Applicable	ICB	None	None
522		Direct Access, per search	Not Applicable	ICB	None	None
523		Service Establishment	Not Applicable	ICB	None	None
524	Operator Services Call Completion Services	Operator Assisted and Semi-Auto per work sec.	ZZU02	\$ 0.0200	None	None
525		All Fully-Auto per call	ZZU01	\$ 0.1500	None	None
526	UNE/Facility Based Call Branding (DA/OS)	Per branded call	ZZUCB	\$ 0.0250	None	None
527		Per load/change per TOPS switch per brand	NRBDG	None	\$ 3,000.00	None
528	Resale Call Branding (DA/OS)	Per branded call	ZZUCB	\$ 0.0250	None	None
529		Per load/change per TOPS switch per brand	NRBDG	None	\$ 3,000.00	None

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530	UNE/Facility Based Rate/Reference Info	Per load/TOPS switch	NRBDL	None	\$ 2,200.00	None
531		Per change/TOPS switch	NRBDM	None	\$ 1,000.00	None
532	Resale Rate/Reference Info	Per load/TOPS switch	NRBDL	None	\$ 2,200.00	None
533		Per change/TOPS switch	NRBDM	None	\$ 1,000.00	None
534	Service Order Charges - Unbundled Elements					
535	Manual Service Order Type Charges	New Simple^^20	NRBUQ	None^^4	12.56^^4	None^^4
536		New Complex^^20	NRBUR	None^^4	74.9^^4	None^^4
537		Change Simple^^20	NRBUO	None^^4	4.91^^4	None^^4
538		Change Complex^^20	NRBUP	None^^4	74.9^^4	None^^4
539		Record Simple^^20	NRBUU	None^^4	6.28^^4	None^^4
540		Record Complex^^20	NRBUV	None^^4	6.28^^4	None^^4
541		Disconnect Simple^^20	NRBUW	None^^4	5.32^^4	None^^4
542		Disconnect Complex^^20	NRBUX	None^^4	27.29^^4	None^^4
543		Suspend Simple^^20	NRBJZ	None^^4	2.52^^4	None^^4
544		Suspend Complex^^20	NRBJ7	None^^4	2.52^^4	None^^4
545		Restore Simple^^20	NRBJ9	None^^4	2.52^^4	None^^4
546		Restore Complex^^20	NRBJ8	None^^4	2.52^^4	None^^4
547		Expedited Simple^^18	NRMV1	None^^4	12.6^^4	None^^4
548		Expedited Complex^^18	NRMV2	None^^4	12.6^^4	None^^4
549		Due Date Change Simple^^18	NRMV3	None^^4	4.2^^4	None^^4
550		Due Date Change Complex^^18	NRMV4	None^^4	4.2^^4	None^^4
551		Cancellation Simple^^18	NRMV3	None^^4	4.2^^4	None^^4
552		Cancellation Complex^^18	NRMV4	None^^4	4.2^^4	None^^4
553		Customer Not Ready - Simple^^18	NRMV5	None^^4	4.2^^4	None^^4
554		Customer Not Ready - Complex^^18	NRMV6	None^^4	4.2^^4	None^^4
555	Electronic UNE Service Order Charge	New Simple - Electronic^^20	NR9W2	None^^10	2.92^^10	None^^10
556		Change Simple - Electronic^^19	NR9GG	None^^1	2.92^^1	None^^1
557		Change Complex - Electronic^^19	NR9G8	None^^1	2.92^^1	None^^1
558		Record Simple - Electronic^^19	NR9GU	None^^1	2.92^^1	None^^1
559		Record Complex - Electronic^^19	NR9G7	None^^1	2.92^^1	None^^1
560		Disconnect Simple - Electronic^^19	NR9GZ	None^^1	2.92^^1	None^^1
561		Disconnect Complex - Electronic^^19	NR9G9	None^^1	2.92^^1	None^^1
562		Suspend Simple - Electronic^^18	NRBJ5	None^^10	0.12^^10	None^^10
563		Restore Simple - Electronic^^20	NRBJ6	None^^10	0.12^^10	None^^10
564		Expedited Simple - Electronic^^18	NRMV7	None^^10	6.43^^10	None^^10
565		Expedited Complex - Electronic^^18	NRMVX	None^^10	6.43^^10	None^^10
566		Customer Not Ready - Simple - Electronic^^18	NRMV9	None^^10	5^^10	None^^10
567		Customer Not Ready - Complex - Electronic^^18	NRMVY	None^^10	5^^10	None^^10
568		Due Date Change Simple - Electronic^^18	NRMV8	None^^10	2.14^^10	None^^10
569		Due Date Change Complex - Electronic^^18	NRMVZ	None^^10	2.14^^10	None^^10
570	UNE-P Migration Service Order and Provisioning Cost	Manual UNE-P POTS Migration, per LSR^^18	NHCMQ	None^^10	38.12^^10	None^^10
571		Manual UNE-P Non-POTS Migration, per LSR^^18	NHCMR	None^^10	180.48^^10	None^^10
572		Electronic UNE-P Migration (POTS), per LSR^^18	NHCMS	None^^10	1.05^^10	None^^10

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573		Electronic UNE-P Migration (Non-POTS), per LSR ¹⁸	NHCOMT	None ¹⁰	160.28 ¹⁰	None ¹⁰
574		PIC Change Charge	NRBL9	None ⁶	5.83 ⁶	1.52 ⁶
575	Maintenance of Service Charges	Basic Time - per half hour	MVV	None ⁶	30.93 ⁶	21.32 ⁶
576		Overtime - per half hour	MVV	None ⁶	36.35 ⁶	26.73 ⁶
577		Premium Time - per half hour	MVV	None ⁶	41.77 ⁶	32.15 ⁶
578	Time and Materials Charges	Basic Time - per half hour	ALK,ALH,ALT	None ⁶	30.93 ⁶	21.32 ⁶
579		Overtime - per half hour	ALK,ALH,ALT	None ⁶	36.35 ⁶	26.73 ⁶
580		Premium Time - per half hour	ALK,ALH,ALT	None ⁶	41.77 ⁶	32.15 ⁶
581	Nonproductive Dispatch Charges	Basic Time - per half hour	MVV	None ⁶	30.93 ⁶	21.32 ⁶
582		Overtime - per half hour	MVV	None ⁶	36.35 ⁶	26.73 ⁶
583		Premium Time - per half hour	MVV	None ⁶	41.77 ⁶	32.15 ⁶
584	Miscellaneous	Performance Data	Not Applicable	ICB ⁴	ICB ⁴	ICB ⁴
585		Special Request Processing	Not Applicable	ICB ⁴	ICB ⁴	ICB ⁴
586		Local Discount Report - LDR per WTN (Facility Based/Resale)	CRIS	\$ 0.08	None	None
587	Dark Fiber - Interoffice	Dark fiber to Collo Cross-Connect	UCXPX	1.71 ⁵	65.87 ⁵	48.44 ⁵
588		Dark Fiber - Termination	Not Applicable	4.5 ¹	42.52 ¹	28.41 ¹
589		Dark Fiber Foot Zone 1	ULNCF	0.0021 ¹	None ¹	None ¹
590		Dark Fiber Foot Zone 2	ULNCF	0.0032 ¹	None ¹	None ¹
591		Dark Fiber Foot Zone 3	ULNCF	0.0048 ¹	None ¹	None ¹
592		Dark Fiber Foot Zone 4	ULNCF	0.0021 ¹	None ¹	None ¹
593	Mutual Licensing DA Listings	Per listing Initial & Subsequent	Not Applicable	None	\$ 0.0585	None
594	BCR	Per local message	Not Applicable	0.08 ⁶	None ⁶	None ⁶
595		Per interstate local message	Not Applicable	0.05 ⁶	None ⁶	None ⁶
596	Clearinghouse	Per originating message	Not Applicable	0.02 ⁶	None ⁶	None ⁶
597		Per end user message billed	Not Applicable	0.05 ⁶	None ⁶	None ⁶
598	Recording	Recording/Access Usage Record	Not Applicable	0 ⁶	None ⁶	None ⁶
599		Assembly and Editing per Message	Not Applicable	0 ⁶	None ⁶	None ⁶
600		Rating per Message	Not Applicable	0 ⁶	None ⁶	None ⁶
601		Message Processing per Message	Not Applicable	0 ⁶	None ⁶	None ⁶
602		Provision of Message Detail per record	Not Applicable	0 ⁶	None ⁶	None ⁶
603		Source Info Provided per record furnished - meet point billing applicable	Not Applicable	0 ⁶	None ⁶	None ⁶
604		Source Info Provided per record furnished - meet point billing not applicable	Not Applicable	0 ⁶	None ⁶	None ⁶
605	Hosting	Full Status RAO Company - Hosting Company Network per billable msg	Not Applicable	0.002 ⁶	None ⁶	None ⁶
606		Full Status RAO Company - Nat'l CMDS Network per billable mssg	Not Applicable	0.005 ⁶	None ⁶	None ⁶
607		Non-Full Status RAO Company - Hosting Company Network per billable mssg	Not Applicable	0.01 ⁶	None ⁶	None ⁶
608		Non-Full Status RAO Company - Nat'l CMDS Network per billable mssg	Not Applicable	0.007 ⁶	None ⁶	None ⁶
609		Non-Full Status RAO Company - Delivery per record charge per billable mssg.	Not Applicable	0.003 ⁶	None ⁶	None ⁶

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	A	B	C	D	E	F
1	Product Type	Rate Element Description	USOCs	Current Monthly Recurring Rate	Current Non- Recurring Rate (Initial)	Current Non- Recurring Rate (Additional)
610	E911	Feature per 1000 lines - ANI to SWBT PSAP	Not Applicable	10 ^{^^6}	80 ^{^^6}	None ^{^^6}
611		Feature per 1000 lines - ANI to Non-SWBT PSAP	Not Applicable	10 ^{^^6}	80 ^{^^6}	None ^{^^6}
612		Feature per 1000 lines - ANI and Selective Routing to SWBT PSAP	Not Applicable	51.6 ^{^^6}	85 ^{^^6}	None ^{^^6}
613		Feature per 1000 lines - ANI and Selective Routing to Non-SWBT PSAP	Not Applicable	51.6 ^{^^6}	85 ^{^^6}	None ^{^^6}
614		Feature per 1000 lines - ANI and ALI to SWBT PSAP	Not Applicable	83.6 ^{^^6}	85 ^{^^6}	None ^{^^6}
615		Feature per 1000 lines - ANI and ALI to Non-SWBT PSAP	Not Applicable	83.6 ^{^^6}	85 ^{^^6}	None ^{^^6}
616		Feature per 1000 lines - ANI, SR and ALI to SWBT PSAP	Not Applicable	83.6 ^{^^6}	85 ^{^^6}	None ^{^^6}
617		Feature per 1000 lines - ANI, SR and ALI to Non-SWBT PSAP	Not Applicable	83.6 ^{^^6}	85 ^{^^6}	None ^{^^6}
618		Trunk Charge per channel	Not Applicable	58 ^{^^6}	170 ^{^^6}	None ^{^^6}
619	End Office Local Termination - Zone 1 Urban					
620		Set up charge, per call	ZZUR8	\$ 0.002164		
621		Duration charge, per MOU	ZZUR2	\$ 0.001309		
622						
623	End Office Local Termination - Zone 2 Suburban					
624		Set up charge, per call	ZZUR8	\$ 0.002602		
625		Duration charge, per MOU	ZZUR2	\$ 0.001575		
626						
627	End Office Local Termination - Zone 3 Rural					
628		Set up charge, per call	ZZUR8	\$ 0.003748		
629		Duration charge, per MOU	ZZUR2	\$ 0.002269		
630						
631	End Office Local Termination - Zone 4 - Springfield					
632		Set up charge, per call	ZZUR8	\$ 0.003193		
633		Duration charge, per MOU	ZZUR2	\$ 0.001933		
634						
635	Tandem Switching					
636		Set up charge, per call		\$ 0.002768		
637		Duration charge, per MOU	ZZUR1	\$ 0.000642		
638						
639	Common Transport					
640		Termination per Minute of Use Zone 1 (Urban STL, KS)	ZZUST	\$ 0.0001900		
641		Termination per Minute of Use Zone 2 (Suburban)	ZZUST	\$ 0.0002850		
642		Termination per Minute of Use Zone 3 (Rural)	ZZUST	\$ 0.0003020		
643		Termination per Minute of Use Zone 4 (Suburban Springfield)	ZZUST	\$ 0.0001620		
644		Termination per Minute of Use Interzone	ZZURF	\$ 0.0003320		

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1	Product Type	Rate Element Description	USOCs	Current Monthly Recurring Rate	Current Non- Recurring Rate (Initial)	Current Non- Recurring Rate (Additional)
645		Facilities per Minute, per Mile Zone 1 (Urban)	ZZURF	\$ 0.0000017		
646		Facilities per Minute, per Mile Zone 2 (Suburban)	ZZURF	\$ 0.0000070		
647		Facilities per Minute, per Mile Zone 3 (Rural)	ZZURF	\$ 0.0000151		
648		Facilities per Minute, per Mile Zone 4 (Suburban Springfield)	ZZURF	\$ 0.0000010		
649		Facilities per Minute, per Mile Interzone	ZZURF	\$ 0.0000035		
650						
651	Tandem Switching	Tandem Switching Per Minute of Use	ZZUR1	\$ 0.001510	None	None
652	Common Transport	Common Transport -Termination per Minute of Use Zone 1 (Urban STL, KS)	ZZUST	\$ 0.000190	None	None
653		Common Transport -Termination per Minute of Use Zone 2 (Suburban)	ZZUST	\$ 0.000285	None	None
654		Common Transport- Termination per Minute of Use Zone 3 (Rural)	ZZUST	\$ 0.000302	None	None
655		Common Transport- Termination per Minute of Use Zone 4 (Suburban Springfield)	ZZUST	\$ 0.000162	None	None
656		Common Transport- Termination per Minute of Use Interzone	ZZUST	\$ 0.000332	None	None
657		Common Transport-Facilities per Minute, per Mile Zone 1 (Urban)	ZZURF	\$ 0.000002	None	None
658		Common Transport-Facilities per Minute, per Mile Zone 2 (Suburban)	ZZURF	\$ 0.000007	None	None
659		Common Transport-Facilities per Minute, per Mile Zone 3 (Rural)	ZZURF	\$ 0.000015	None	None
660		Common Transport-Facilities per Minute, per Mile Zone 4 (Suburban Springfield)	ZZURF	\$ 0.000001	None	None
661		Common Transport-Facilities per Minute, per Mile Interzone	ZZURF	\$ 0.000003	None	None
662	Local Switching	Local Switching-Per Originating or Terminating MOU Zone 1 (Urban STL, KS)	ZZUR2	\$ 0.001988	None	None
663		Local Switching-Per Originating or Terminating MOU Zone 2 (Suburban)	ZZUR2	\$ 0.002391	None	None
664		Local Switching-Per Originating or Terminating MOU Zone 3 (Rural)	ZZUR2	\$ 0.003444	None	None
665		Local Switching-Per Originating or Terminating MOU Zone 4 (Urban Springfield)	ZZUR2	\$ 0.002934	None	None
666	Transiting	Transiting-Zone 1 (Urban STL, KS)	ZZUTN	\$ 0.001712	None	None
667		Transiting-Zone 2 (Suburban)	Not Applicable	\$ 0.001844	None	None
668		Transiting-Zone 3 (Rural)	Not Applicable	\$ 0.001918	None	None
669		Transiting-Zone 4 (Urban Springfield)	Not Applicable	\$ 0.001679		
670		Transiting-OCA (Optional Area)	Not Applicable	n/a	None	None
671		Transiting-Out of Region	Not Applicable	\$ 0.006000	None	None
672	OCA	OCA Transport & Termination	Not Applicable	n/a	None	None
673	White Pages Info Pages	Information Pages per year per book (Zone 1)	Not Applicable	None^^15	3191.73^^15	None^^15
674		Information Pages per year per book (Zone 2)	Not Applicable	None^^15	168.09^^15	None^^15

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	A	B	C	D	E	F
1	Product Type	Rate Element Description	USOCs	Current Monthly Recurring Rate	Current Non- Recurring Rate (Initial)	Current Non- Recurring Rate (Additional)
675		Information Pages per year per book (Zone 3)	Not Applicable	None ^{^15}	75.59 ^{^15}	None ^{^15}
676	White Pages Delivery	Delivery to LSP in bulk, per book, Zone 1	Not Applicable	None ^{^15}	4.46 ^{^15}	None ^{^15}
677		Delivery to LSP in bulk, per book, Zone 2	Not Applicable	None ^{^15}	1.29 ^{^15}	None ^{^15}
678		Delivery to LSP in bulk, per book, Zone 3	Not Applicable	None ^{^15}	1.26 ^{^15}	None ^{^15}
679		Delivery to End User, per book, Zone 1	Not Applicable	None ^{^15}	6.48 ^{^15}	None ^{^15}
680		Delivery to End User, per book, Zone 2	Not Applicable	None ^{^15}	2.5 ^{^15}	None ^{^15}
681		Delivery to End User, per book, Zone 3	Not Applicable	None ^{^15}	2.81 ^{^15}	None ^{^15}
682		Subsequent Order & Delivery, per book- all zones	Not Applicable	None ^{^15}	10 ^{^15}	None ^{^15}
683	Poles, Ducts, and Conduit	Pole Attachment per pole per year	Not Applicable	2.35 ^{^1}	None ^{^1}	None ^{^1}
684		Conduit Space, per duct foot per year	Not Applicable	0.4 ^{^1}	None ^{^1}	None ^{^1}
685		Inner Duct, per duct foot per year	Not Applicable	0.205 ^{^1}	None ^{^1}	None ^{^1}
686		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}
687	INP Remote	Per line	Not Applicable	None ^{^1}	None ^{^1}	None ^{^1}
688		Add'l Path	Not Applicable	None ^{^1}	None ^{^1}	None ^{^1}
689	INP Direct	Number	Not Applicable	None ^{^1}	None ^{^1}	None ^{^1}
690		Trunk Termination	Not Applicable	None ^{^1}	None ^{^1}	None ^{^1}
691		D4 Channel Bank	Not Applicable	None ^{^1}	None ^{^1}	None ^{^1}
692		DID Nonrecurring per #	Not Applicable	None ^{^1}	None ^{^1}	None ^{^1}
693		DID Nonrecurring Transport per MOU	Not Applicable	None ^{^1}	None ^{^1}	None ^{^1}
694	Conversion Order Charges for Resold Services					
695		Mechanized Simple	CRIS	None ^{^1}	5 ^{^1}	None ^{^1}
696		Mechanized Complex	CRIS	None ^{^1}	5 ^{^1}	None ^{^1}
697		Simple Manual	CRIS	None ^{^1}	5 ^{^1}	None ^{^1}
698		Complex Manual	CRIS	None ^{^1}	5 ^{^1}	None ^{^1}
699	NXX Migration per NXX	NXX Migration per NXX ^{^20}	Not Applicable	None ^{^4}	10934.02 ^{^4}	None ^{^4}
700	Local Disconnect Report	Local Disconnect Report	Not Applicable	0.003 ^{^6}	None ^{^6}	None ^{^6}
701	Central Office Access Charge	Residential	Not Applicable	None ^{^8}	16.35 ^{^8}	None ^{^8}
702		Business	Not Applicable	None ^{^8}	21.3 ^{^8}	None ^{^8}

**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 (TRFD) 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 "NDMATTA4" and VTAM APPL ID is "NDMATTA4" 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.