

ST for interswitch local traffic originated from a ULS-ST port and terminated to a SBC-AMERITECH end office.

12.4.3 As to ULS-ST only, CLEC will reciprocally charge SBC-AMERITECH for interswitch local traffic originated from a SBC-AMERITECH end office and terminated to an ULS-ST port at the same rate as ULS usage rate associated with ULS-ST a Reciprocal Compensation rate.

12.4.4 CLEC will be solely responsible for establishing compensation arrangements with all telecommunications carriers to which ULS-ST traffic is delivered or from which ULS-ST traffic is received, including all ULS-ST traffic carried by Shared Transport-Transit.

12.5 IntraLATA and InterLATA Toll Rate Application

12.5.1 When ULS-ST is used to make or receive interLATA (including PIC) or intraLATA (including LPIC) toll traffic and that traffic is routed through SBC-AMERITECH tandem switch(es) and transmission facilities, SBC-AMERITECH will charge usage-sensitive Common Transport and Tandem Switching Rates in addition to other applicable ULS-ST charges. However, when that traffic is routed to and/or from an Interexchange Carrier directly connected at the SBC-AMERITECH end office providing that ULS port, the Common Transport and Tandem Switching rates will not apply to such traffic.

12.5.2 The ULS-ST usage-sensitive charges (per minute of use) described in this Section are set forth in the Appendix Pricing.

12.6 Application of Usage Sensitive Charges for ULS-ST

12.6.1 ULS may include two usage sensitive components: originating ULS usage (ULS-O) and terminating ULS usage (ULS-T).

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

12.6.2.1 CLEC will be charged ULS-O usage charges of use for a call originating from an CLEC ULS line port or trunk port that terminates to a SBC-AMERITECH end user line, Resale line, or any unbundled line port or trunk port which is connected to the same end office switch.

12.6.2.2 CLEC will be charged ULS-O usage charges for a Centrex-like ULS intercom call in which CLEC's End User dials from one

Centrex-like station to another Centrex-like station in the same common block defined system.

12.6.2.3 **SBC-AMERITECH** will not bill ULS-T usage charges for Intraswitch calls that terminate to a CLEC ULS port.

12.6.3 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:

12.6.3.1 Local Calls

12.6.3.1.1 General Principles

12.6.3.1.1.1 When a call originates from a CLEC ULS-ST port, CLEC will be charged ULS-O usage and SS7 signaling charges. If the call routes over **SBC-AMERITECH**'s shared transport network, CLEC will pay charges for Blended Transport usage in addition to ULS-O usage charges.

12.6.3.1.1.2 The Parties agree that, for local calls originated over ULS-ST, **SBC-AMERITECH** will not be required to record and will not bill actual tandem switching usage. Rather, CLEC will be charged the rate shown on Appendix Pricing UNE - Schedule of unbundled shared transport Prices labeled "ULS-ST Blended Transport," for each minute of use, whether or not the call actually traverses the tandem switch.

12.6.3.1.1.3 When a call terminates to a CLEC ULS-ST port, CLEC will pay ULS-T usage charges.

12.6.3.1.1.4 Illustrative Call Flows demonstrating the rate applications for ULS-ST are set forth in *Exhibit A*.

12.6.3.2 IntraLATA and InterLATA Toll Calls

#### 12.6.3.2.1 General Principles

12.6.3.2.1.1 “1+” intraLATA calls from CLEC ULS-ST ports will be routed to the originating End User’s IntraLATA Primary Interexchange Carrier (LPIC) choice. When a “1+” interLATA call is initiated from an ULS-ST port, it will be routed to the End User’s interLATA (PIC) choice.

12.6.3.2.1.2 When an intraLATA or interLATA toll call originates from a CLEC ULS-ST port, SBC-AMERITECH will not charge originating access charges to CLEC or the IXC except that SBC-AMERITECH may bill the IXC for the access transport (FGD), in accordance with its access tariff, in cases where the IXC has chosen SBC-AMERITECH as its transport provider.

12.6.3.2.1.3 When an intraLATA or interLATA toll call terminates to a CLEC ULS-ST port, SBC-AMERITECH will not charge terminating access to CLEC or the IXC except that SBC-AMERITECH may bill the IXC for the access transport (FGD), in accordance with its access tariff, in cases where the IXC has chosen SBC-AMERITECH as its transport provider.

12.6.3.2.1.4 Illustrative Call Flows demonstrating the rate applications for ULS-ST are set forth in *Exhibit A*.

#### 12.6.3.3 Toll Free Calls

12.6.3.3.1 When CLEC uses an ULS-ST port to initiate an intraLATA 800-type call, SBC-AMERITECH will perform the appropriate database query and will route the call to terminating SBC-AMERITECH “Success 800” subscriber. CLEC will be charged the 800

database query, ULS-O usage, and SS7 signaling charges.

- 12.6.3.3.2 When CLEC uses an ULS-ST port to initiate an 800-type call where the terminating port is not an SBC-AMERITECH "Success 800" subscriber, SBC-AMERITECH will perform the appropriate database query and route the call to the indicated IXC. CLEC will pay the 800 database query, ULS-O usage, and SS7 signaling charges. If 800-type call is routed using SBC-AMERITECH tandem, then SBC-AMERITECH will also charge ULS-ST Common Transport and ULS-ST Tandem Switching usage charges. SBC-AMERITECH will not charge originating access charges to CLEC or the IXC except that SBC-AMERITECH may bill the IXC for the access transport (FGD), in accordance with its access tariff, in cases where the IXC has chosen SBC-AMERITECH as its transport provider.

### 13. INTEROFFICE TRANSPORT

- 13.1 The Interoffice Transport (IOT) Unbundled Network Element is defined as SBC-12STATE interoffice transmission facilities dedicated to a particular CLEC that provide telecommunications between Wire Centers owned by SBC-12STATE, or requesting CLEC, or between switches owned by SBC-12STATE or CLEC. IOT will be provided only where such facilities exist at the time of CLEC request. Other than as specifically set out elsewhere in this agreement, SNET does not offer Interoffice Transport (IOT) under this agreement. Rather, IOT is available as described in Section 18 of the Connecticut Tariff FCC No. 39.
- 13.2 SBC-12STATE will be responsible for the engineering, provisioning, maintenance of the underlying equipment and facilities that are used to provide Interoffice Transport.
- 13.3 Unbundled Dedicated Transport
- 13.3.1 Unbundled Dedicated Transport (UDT) is an interoffice transmission path dedicated to a particular CLEC that provides telecommunications (when facilities exist and are technically feasible) between two Wire Centers or switches owned by SBC-12STATE or between a Wire Center or switch owned by SBC-12STATE and a CLEC owned or provided switch.
- 13.3.2 SBC-12STATE will provide Dedicated Transport as a point to point circuit dedicated to the CLEC at the following speeds: DS1 (1.544 Mbps), DS3

(44.736 Mbps), OC3 (155.52 Mbps) including OC3 concatenated (OC3-c), OC12 (622.08 Mbps) Including OC12 concatenated (OC12-c), and OC48 (2488.32 Mbps) including OC48 concatenated (OC48-c). **SBC-12STATE** will provide higher speeds to CLEC as they are deployed in the **SBC-12STATE** network. **SBC-12STATE** provides OCN Dedicated Transport and Entrance Facilities as point to point bit rates, when and where facilities exist.

13.3.3 UDT includes the following elements:

- 13.3.3.1 Interoffice Transport – a circuit between two **SBC12-STATE** Wire Centers.
- 13.3.3.2 Entrance Facility – a circuit from **SBC-12STATE** serving Wire Center to the CLEC's location.
- 13.3.3.3 Multiplexing – an option ordered in conjunction with dedicated transport which converts a circuit from higher to lower bandwidth, or from digital to voice grade. Multiplexing is only available when ordered at the same time as UDT entrance facility and/or interoffice transport.
- 13.3.3.4 Other Optional features are outlined in Appendix Pricing.

13.4 **Diversity**

- 13.4.1 When requested by CLEC and only where such interoffice facilities exist at the time of CLEC request, Physical diversity shall be provided for Unbundled Dedicated Transport. Physical diversity means that two circuits are provisioned in such a way that no single failure of facilities or equipment will cause a failure on both circuits.
- 13.4.2 **SBC-12STATE** shall provide the Physical separation between intra-office and inter-office transmission paths when technically and economically feasible. Physical diversity requested by the CLEC shall be subject to additional charges. When additional costs are incurred by **SBC-12STATE** for CLEC specific diversity. **SBC-12STATE** will advise CLEC of the applicable additional charges. **SBC-12STATE** will not process the request for diversity until CLEC accepts such charges. Any applicable performance measures will be abated from the time diversity is requested until CLEC accepts the additional charges.

13.5 **Digital Cross-Connect System (DCS)**

- 13.5.1 **SBC-12STATE** will offer Digital Cross-Connect System (DCS) as part of the unbundled dedicated transport element with the same functionality that is

offered to interexchange carriers. DCS requested by CLEC shall be subject to additional charges as outlined in pricing schedule appendix.

13.6 Network Reconfiguration Service (NRS)

- 13.6.1 SBC-12STATE will offer reconfiguration service as part of the UDT element with the same functionality that is offered to interexchange carriers. Reconfiguration service requested by the CLEC shall be subject to additional charges as outlined in pricing schedule appendix.

13.7 PACIFIC

13.7.1 Cross Boundary UDT Meet Point Facilities Arrangements

- 13.7.1.1 Cross Boundary UDT Facilities are arrangements that involve shared ownership of the Unbundled Dedicated Local Interconnection Facilities between PACIFIC and another neighboring Incumbent Local Exchange Carrier (ILEC) PACIFIC will be a willing participant in the CLEC's efforts to midspan join an UDT Facility ordered from PACIFIC with one of the same ordered by the same CLEC from the neighboring ILEC. It is the responsibility of the CLEC to negotiate with each ILEC individually, and to order each piece of the Meet Point transmission facility from each individual ILEC separately in order to provide UDT from each ILEC's respective Central Office to the meet point. UDT Cross Boundary Meet Point Transmission Facilities are available at DS1 and DS3 transmission speeds and only where facilities exist and are available at the time of CLEC's order.

- 13.7.1.2 Rates: Charges applicable to Cross Boundary UDT Meet Point Facility arrangements are as follows:

- 13.7.1.2.1 Non Recurring Charges: 100% of PACIFIC existing UDT Non Recurring Charges, i.e. service order charge, install (connect) charges, disconnect charges, etc. for its side of the facilities and without any compensation to the other ILEC. Each of these charges are found in Appendix Pricing.

- 13.7.1.2.2 Monthly Charges: PACIFIC will charge full (100%) existing UDT monthly charges for the first (or Fixed) mile, plus 100% of the monthly charges for the additional miles in its territory. Each of these charges is found in Appendix Pricing. The additional miles are calculated by the total facility mileage multiplied by the percentage of the facilities that fall within PACIFIC

territory, as determined by the NECA 4 tariff. There will not be any compensation to the other ILEC.

- 13.7.1.2.3 PACIFIC's current intervals for the ordering and provisioning of the UDT will also be applicable to the ordering and provisioning of Cross Boundary UDT Meet Point Facilities. However, for end to end connectivity, the longer of the two ILEC's ordering and provisioning intervals will apply.

## 14. DARK FIBER

- 14.1 In SBC-12STATE Dark fiber is deployed, unlit fiber optic cable that connects two points within the incumbent LEC's network. Dark fiber is fiber that has not been activated through connection to the electronics that "light it", and thereby render it capable of carrying communications services. Other than as specifically set out elsewhere in this agreement, SNET does not offer Dark Fiber under this agreement. Rather, Dark Fiber is available to CLECs as described in Section 18.2.1E of the Connecticut Service Tariff.

- 14.1.1 Dark Fiber is fiber that is spliced in all segments from end to end and would provide continuity or "light" end to end. CLEC may only subscribe to dark fiber that is considered "spare," as defined in Sections 14.4.1 and 14.5.1, below.

### 14.2 Interoffice Dark Fiber

- 14.2.1 SBC-12STATE will provide dark fiber in the dedicated interoffice transport segment of the network as an unbundled network element. Interoffice dark fiber is between two different SBC-12STATE Central Offices (CO's) and terminates on a fiber distribution frame, or equivalent, in the CO. SBC-12STATE will offer its dark fiber to CLEC when CLEC has collocation space in each SBC-12STATE CO where the requested dark fiber(s) terminate.

### 14.3 Loop Dark Fiber

- 14.3.1 SBC-12STATE will provide loop dark fiber as an unbundled network element. Loop dark fiber is a segment between a serving SBC-12STATE central office and an end user customer premise.

### 14.4 Sub-Loop Dark Fiber

- 14.4.1 SBC-12STATE will provide sub-loop dark fiber as an unbundled network element. Sub-loop dark fiber is a segment between:

- 14.4.1.1 The serving SBC-12STATE central office and a remote terminal/CEV/Hut; or
- 14.4.1.2 a remote terminal/CEV/Hut and an end user customer premise.
- 14.4.2 Dark Fiber sub-loop segments are explicitly governed by Section 8 of this Appendix and are limited to remote terminal/CEV/Hut outlined below.
- 14.4.3 Upon receipt of a complete and correct Sub-loop Access Application, SBC-12STATE shall provide to CLEC within 30 days a written estimate for the actual construction, labor, materials, and related provisioning costs to be incurred to fulfill the SCA on a Time and Materials basis. CLEC agrees to pay SBC-12STATE appropriate rates for the engineering and other associated costs performed when CLEC submits a request to provide a written estimate for sub-loop(s).
- 14.4.4 At SBC-12STATE Central Offices' the dark fiber terminates on a fiber distribution frame, or equivalent, in the Central Office. CLEC access is provided pursuant Method One (Section 3.1.1.1, above) which allows for approved collocation access. The only method of access for Dark fiber is collocation.
- 14.5 Spare Fiber Inventory Availability and Condition
- 14.5.1 All available spare dark fiber will be provided as is. No conditioning will be offered. Spare dark fiber is fiber that is spliced in all segments, point to point but not assigned, and spare dark fiber does not include maintenance spares, fibers set aside and documented for SBC-12STATE's forecasted growth, defective fibers, or fibers subscribed to by other carriers. CLEC will not obtain any more than 25% of the spare dark fiber contained in the requested segment, during any two-year period.
- 14.6 Determining Spare Fibers:
- 14.6.1 SBC-12STATE will inventory dark fibers. Spare fibers do not include the following:
- 14.6.1.1 Maintenance spares. Maintenance spares shall be kept in inventory like a working fiber. Spare maintenance fibers are assigned as follows:
- Cables with 24 fibers and less: two maintenance spare fibers
  - Cables with 36 and 48 fibers: four maintenance spare fibers
  - Cables with 72 and 96 fibers: eight maintenance spare fibers



- Cables with 144 fibers: twelve maintenance spare fibers
- Cables with 216 fibers: 18 maintenance spares
- Cables with 288 fibers: 24 maintenance spares
- Cables with 432 fibers: 36 maintenance spares
- Cables with 864 fibers: 72 maintenance spares.

#### 14.6.1.2 Defective fibers

14.6.1.3 SBC-12STATE growth fibers. Fibers documented as reserved by SBC-12STATE for utilization for growth within the 12 month-period following the carrier's request.

14.6.2 The appropriate SBC-12STATE engineering organization will maintain records on each fiber optic cable for which CLECs request dark fiber.

14.6.3 Defective fibers, if any, will be deducted from the total number of spare fibers that would otherwise be available to CLEC for use under this Agreement.

#### 14.7 Quantities and Time Frames for ordering Dark Fiber:

14.7.1 The minimum number of fiber strands that CLEC can order is one, and fiber strands must be ordered on a strand-by-strand basis. The maximum number of fiber strands that CLEC can order is no greater than 25% of the spare facilities in the segment requested. Should spare fiber fall below 8 strands in a given location, SBC-12STATE will provide the remaining spares one strand at a time and no more than a quantity of 2 strands. (See definition of spare facilities set forth in Sections 14.4.1 and 14.5.1 above.)

14.7.2 If CLEC wishes to request dark fiber, it must submit a dark fiber facility inquiry, providing CLEC's specific point to point (A to Z) dark fiber requirements. When CLEC submits a dark fiber facility inquiry, appropriate rates for the inquiry will be charged as outlined in state specific Appendix Pricing.

14.7.2.1 If spare dark fiber is available, as determined under this Agreement, SBC-12STATE will notify CLEC and CLEC may place an Access Service Request (ASR) for the dark fiber.

14.7.3 Dark fiber will be assigned to CLEC only when an ASR is processed. ASRs will be processed on a first-come-first-served basis. Inquiry facility checks do not serve to reserve dark fiber. When CLEC submits the ASR, the ASR will be processed and the dark fiber facilities will be assigned. The charges which will be established as set forth in paragraph 14.6.2 will be applied.

#### 14.8 Right of Revocation of Access to Dark Fiber

- 14.8.1 Should CLEC not utilize the fiber strand(s) subscribed to within the 12-month period following the date ~~SBC-12STATE~~ provided the fiber(s), ~~SBC-12STATE~~ may revoke CLEC's access to the dark fiber and recover those fiber facilities and return them to ~~SBC-12STATE~~ inventory.
- 14.8.2 ~~SBC-12STATE~~ may reclaim from the CLEC's the right to use dark fiber, whether or not the dark fiber is being utilized by CLEC, upon twelve (12) months' written notice to the CLEC. ~~SBC-12STATE~~ will provide an alternative facility for the CLEC with the same bandwidth the CLEC was using prior to reclaiming the facility. ~~SBC-12STATE~~ must also demonstrate to the CLEC that the dark fiber will be needed to meet ~~SBC-12STATE~~'s bandwidth requirements within the 12 months following the revocation.

#### 14.9 Access Methods specific to Dark Fiber

- 14.9.1 The demarcation point for dark fiber at central offices, remote terminals and customer premises will be in an ~~SBC-12STATE~~ approved splitter shelf. This arrangement allows for non-intrusive testing.
- 14.9.2 At CO's dark fiber terminates on a fiber distribution frame, or equivalent in the CO. CLEC access is provided pursuant to Method One (Section 3.1.1.1, above) which is the only method of access for dark fiber.
- 14.9.3 At remote terminals, CEVs and Huts, CLEC access to the dark fiber will be provided via the network demarcation point at the end user customer premises and via a fiber distribution frame at the remote terminal/CEV/Hut.
- 14.9.3.1 CLECs may collocate, providing collocation application and associated criteria are met, when seeking to interconnection and desire to place non-passive electronics in a remote terminal/CEV/Hut provided ~~SBC-12STATE~~ has existing and available space in these locations.
- 14.9.3.2 CLECs have two (2) options for obtaining dark fiber subloop access. Prior to ordering subloop facilities, CLEC must establish Collocation using the Collocation process as set forth in Collocation Appendix, or must establish a Subloop Access Arrangement utilizing the Special Construction Arrangement

(SCA), either or which are necessary to interconnect to the SBC-12STATE subloop network.

14.9.3.3 The space available for collocating or obtaining various Subloop Access Arrangements will vary depending on the existing plant at a particular location. The CLEC shall initiate an SCA by submitting a Sub-loop Access Arrangement Application.

14.9.3.4 At remote terminals, CEVs and Huts, CLEC access to the dark fiber will be provided via the network demarcation point at the End User premises and via a fiber distribution frame at the remote terminal/CEV/Hut. CLEC may elect to place his cable, defined by the engineer in the design phase, that SBC-12STATE will terminate on available demarcation points or terminal.

#### 14.10 Installation and Maintenance for Dark Fiber

14.10.1 SBC-12STATE will install demarcations and place the fiber jumpers from the fiber optic terminals to the demarcation point. CLEC will run its fiber jumpers from the demarcation point (1x2, 90-10 optical splitter) to the CLEC equipment.

### 15. OPERATOR SERVICES AND DIRECTORY ASSISTANCE

15.1 SBC-13STATE will provide access to operator service and directory assistance databases where technically feasible. (47 CFR § 51.319(g)). Operator Services and Directory Assistance (OS/DA) are available as described in Appendix DA, and Appendix OS.

### 16. SIGNALING NETWORKS AND CALL-RELATED DATABASES

16.1 Signaling Networks and Call-Related Databases are Network Elements that include Signaling Link Transport, Signaling Transfer Points, and Service Control Points and Call-Related Databases. Access to SBC-13STATE's signaling network and call related databases on an unbundled basis will be provided as described in the following Appendices: SS7, LIDB AS, LIDB Service, 800, and AIN (refer to General Terms and Conditions, Section 46.7.2).

### 17. OPERATIONS SUPPORT SYSTEMS FUNCTIONS

17.1 Operations Support Systems Functions consist of pre-ordering, ordering, provisioning, maintenance and repair, and billing functions supported by SBC-13STATE's databases and information. SBC-13STATE will provide CLEC access to its Operations Support Systems Functions as outlined in Appendix OSS.

## 18. CROSS CONNECTS

- 18.1 The cross connect is the media between the SBC-7STATE UNE and a CLEC designated point of access as described in various sections of this Appendix, or the media between a SBC-7STATE UNE and a Collocation area for the purpose of permitting the CLEC to connect the SBC-7STATE UNE to other UNEs or to the CLECs own facilities. Where SBC-7STATE has otherwise committed to connect one UNE to another UNE on behalf of CLEC, or to leave connected one UNE to another UNE on behalf of CLEC the cross connect is the media between one SBC-7STATE UNE and another SBC-7STATE UNE. Nothing in this section is a commitment to connect or leave connected any two or more UNEs.
- 18.2 SBC-7STATE will provide cross connects at the rates, terms, and conditions set forth in Appendix Pricing. Pricing for Sections 18.3, 18.4 and 18.5 for SBC-AMERITECH and SNET are provided as set forth in Appendix Pricing. For all other cross-connect pricing for SNET refer to the applicable state tariff.
- 18.3 The applicable Loop cross connects to point of access for the purpose of CLEC combining a SBC-13STATE Loop with another SBC-13STATE UNE are as follows:
- 18.3.1 2-Wire Analog Loop to UNE Connection Methods point of access
  - 18.3.2 4 -Wire Analog Loop to UNE Connection Methods point of access
  - 18.3.3 2 -Wire Digital Loop to UNE Connection Methods point of access
  - 18.3.4 4 -Wire Digital Loop to UNE Connection Methods point of access
- 18.4 The applicable Unbundled Dedicated Transport cross connects to the UNE Connection Methods point of access for the purpose of CLEC combining. Unbundled Dedicated Transport to another SBC-13STATE UNE are as follows:
- 18.4.1 DS-1 to UNE Connection Methods point of access
- 18.5 The applicable Switch Port cross connects to the UNE Connection Methods point of access for the purpose of CLEC combining Switch Ports to another SBC-13STATE UNE are as follows:
- 18.5.1 Analog Line Port to UNE Connection Methods point of access
  - 18.5.2 ISDN Basic Rate Interface (BRI) Line Port to UNE Connection Methods point of access
  - 18.5.3 ISDN Primary Rate Interface (PRI) Trunk Port to UNE Connection Methods

point of access

18.5.4 Analog DID Trunk Port to UNE Connection Methods point of access

18.5.5 DS-1 Trunk Port to UNE Connection Methods point of access

18.6 The applicable Loop cross connects for the purpose of CLEC connecting a **SBC-SWBT** and **NEVADA** Loop UNE to a CLEC's Collocated facilities are as follows:

18.6.1 2-Wire Analog Loop to Collocation

18.6.2 2-Wire Analog Loop to Collocation (without testing)

18.6.3 4-Wire Analog Loop to Collocation

18.6.4 4-Wire Analog Loop to Collocation (without testing)

18.6.5 2-Wire Digital Loop to Collocation

18.6.6 2-Wire Digital Loop to Collocation (without testing)

18.6.7 4-Wire Digital Loop to Collocation

18.6.8 4-Wire Digital loop to Collocation (without testing)

18.6.9 DSL Shielded Cross Connect to Collocation

18.6.10 2-Wire DSL non-shielded cross connect to Collocation

18.6.11 4-Wire DSL non-shielded cross connect to Collocation

18.7 The applicable dedicated transport cross connects for the purpose of CLEC connecting an **SBC-SWBT** and **NEVADA** dedicated transport UNE to a CLEC's Collocated facilities are as follows:

18.7.1 DS-1 to Collocation

18.7.2 DS-3 Collocation

18.7.3 OC-3 to Collocation

18.7.4 OC-12 to Collocation

18.7.5 OC-48 to Collocation

18.8 The applicable Port cross connects for the purpose of CLEC connecting an **SBC-SWBT** and Port UNE to a CLEC's Collocated facilities are as follows:

18.8.1 Analog Line Port to Collocation

18.8.2 ISDN Basic Rate Interface (BRI) Line Port to Collocation

18.8.3 Primary Rate Interface (PRI) Trunk Port to Collocation

18.8.4 Analog DID Trunk Port to Collocation

18.8.5 DS- Trunk Port to Collocation

18.9\* The applicable cross connects for the purpose of a CLEC connecting a **PACIFIC** Loop, UDT or Port UNE to a CLEC's Collocated facility are as follows:

18.9.1 Voice Grade/ISDN EISCC

18.9.2 DS-0 EISCC

18.9.3 DS-1 EISCC

18.9.4 DS-3 EISCC

18.9.5 DSL Shielded Cross Connect to Collocation

18.10 The applicable cross connects for **SBC-AMERITECH** Loop, UDT or Port UNEs are as follows:

18.10.1 2-wire

18.10.2 4-wire

18.10.3 DS-1

18.10.4 DS-3

18.10.5 OC-3

18.10.6 OC-12

---

\* Sections 18.9 through 18.13 are available only in the State of California. Refer to INTERCONNECTION AGREEMENT: GENERAL TERMS AND CONDITIONS Paragraph 2.10.1

\* Sections 18.9 through 18.13 are available only in the State of California. Refer to INTERCONNECTION AGREEMENT: GENERAL TERMS AND CONDITIONS Paragraph 2.10.1

18.10.7 OC-48

18.10.8 LT1

18.10.9 LT3

18.11\* The applicable Loop cross connects to the Adjacent Location Method of Accessing UNEs for the purpose of a CLEC combining a PACIFIC Loop with a CLEC's own facilities for are as follows:

18.11.1 2 -Wire Analog Loop to Adjacent Location Method point of access

18.11.2 4 -Wire Analog Loop to Adjacent Location Method point of access

18.11.3 2 -Wire Digital Loop to Adjacent Location Method point of access

18.11.4 4 -Wire Digital Loop to Adjacent Location Method point of access

18.11.5 DSL shielded Cross Connect to Adjacent Location point of access

18.12\* The applicable Unbundled Dedicated transport cross connects to the Adjacent Location Method of accessing UNEs for the purpose of a CLEC combining a PACIFIC Unbundled Dedicated Transport with a CLEC's own facilities as follows:

18.12.1 DS-1 to the Adjacent Location Method point of access

18.13\* The applicable Switch Port cross connects to the Adjacent Location Method of Accessing UNEs for the purpose of a CLEC combining a PACIFIC Port with a CLEC's own facilities point of access are as follows:

18.13.1 -Analog Line Port to Adjacent Location Method to point of access

18.13.2 -ISDN BRI Port to Adjacent Location Method to point of access

18.13.3 -ISDN PRI Trunk Port to Adjacent Location Method point of access

18.14 Cross Connects, required for the UNE platform, from UNE Loops to UNE Ports for the purpose of combining a SWBT, NEVADA and PACIFIC 2 -Wire Loop \*with a SWBT, NEVADA and PACIFIC Port are as follows:

18.14.1 -Wire Analog Loop to Analog line Port

---

\* Sections 18.9 and 18.11 through 18.13 are available only in the State of California. Refer to INTERCONNECTION AGREEMENT: GENERAL TERMS AND CONDITIONS Paragraph 2.10.1

18.14.2 -Wire Digital Loop to ISDN BRI Port

18.15 Maintenance of Elements

18.15.1 If trouble occurs with unbundled network elements provided by SBC-13STATE, CLEC will first determine whether the trouble is in CLEC's own equipment and/or facilities or those of the End User. If CLEC determines the trouble is in SBC-13STATE's equipment and/or facilities, CLEC will issue a trouble report to SBC-13STATE.

18.15.2 CLEC shall pay Time and Material charges (maintenance of service charges/additional labor charges) when CLEC reports a suspected failure of a Unbundled Network Element and SBC-13STATE dispatches personnel to the End User's premises or an SBC-13STATE Central Office and trouble was not caused by SBC-13STATE's facilities or equipment. Time and Material charges will include all technicians dispatched, including technicians dispatched to other locations for purposes of testing.

18.15.3 CLEC shall pay Time and Material charges when SBC-13STATE dispatches personnel and the trouble is in equipment or communications systems provided an entity by other than SBC-13STATE or in detariffed CPE provided by SBC-13STATE, unless covered under a separate maintenance agreement.

18.15.4 CLEC shall pay Maintenance of Service charges when the trouble clearance did not otherwise require dispatch, but dispatch was requested for repair verification or cooperative testing, and the circuit did not exceed maintenance limits.

18.15.5 If CLEC issues a trouble report allowing SBC-13STATE access to the End User's premises and SBC-13STATE personnel are dispatched but denied access to the premises, then Time and Material charges will apply for the period of time that SBC-13STATE personnel are dispatched. Subsequently, if SBC-13STATE personnel are allowed access to the premises, these charges will still apply.

18.15.6 Time and Material charges apply on a first and additional basis for each half-hour or fraction thereof. 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 work-related efforts of SBC-13STATE performed during normally scheduled working hours on a normally scheduled workday. Overtime is work-related efforts of SBC-13STATE performed on a normally scheduled workday, but outside of normally scheduled working hours. Premium Time is work



related efforts of SBC-13STATE performed other than on a normally scheduled workday.

- 18.15.7 If CLEC requests or approves a SBC-13STATE technician to perform services in excess of or not otherwise contemplated by the nonrecurring charges herein, CLEC will pay Time and Material charges for any additional work to perform such services, including requests for installation or conversion outside of normally scheduled working hours.

## 19. RECONFIGURATION

- 19.1 SBC-13STATE will reconfigure existing qualifying special access services to combinations of unbundled loop and transport upon terms and conditions consistent with the Supplemental Order Clarification released by the FCC on June 2, 2000 *In the Matter of the Local Competition Provisions of the Telecommunications Act of 1996*, in CC Docket No. 96-98 (FCC 00-183) and with SBC-13STATE's processes to implement that Order, as set forth on the CLEC website.

## 20. RESERVATION OF RIGHTS

- 20.1 SBC-13STATE's provision of UNEs identified in this Agreement is subject to the provisions of the Federal Act, including but not limited to, Section 251(d). The Parties acknowledge and agree that on May 24, 2002, the United States District Court for the District of Columbia Circuit issued its decision in *United States Telecom Association, et. al v. FCC*, No. 00-101, in which the Court granted the petitions for review of the Federal Communications Commission's ("FCC") Third Report and Order and Fourth Further Notice of Proposed Rulemaking in CC Docket No. 96-98 (FCC 99-238) ("the UNE Remand Order") and the FCC's Third Report and Order in CC Docket No. 98-147 and Fourth Report and Order in CC Docket No. 96-98 (FCC 99-355) (rel. December 9, 1999) ("the Line Sharing Order"), specifically vacated the Line Sharing Order, and remanded both these orders to the FCC for further consideration in accordance with the decision. In addition, on November 24, 1999, the FCC issued its Supplemental Order *In the Matter of the Local Competition Provisions of the Telecommunications Act of 1996*, (FCC 99-370) and on June 2, 2000, its Supplemental Order Clarification, (FCC 00-183), in CC Docket 96-98 (collectively the "Orders"). By entering into this Agreement which makes available certain UNEs, or any Amendment to this Agreement, neither Party waives any of its rights with respect to such Orders, including but not limited each Party's right to dispute whether any UNEs identified in the Agreement must be provided under Section 251(c)(3) and Section 251(d) of the Act, and under this Agreement. In the event that the FCC, a state regulatory agency or a court of competent jurisdiction, in any proceeding finds, rules and/or otherwise orders ("order") that any of the UNEs and/or UNE combinations provided for under this Agreement do not meet the necessary and impair standards set forth in Section 251(d)(2) of the Act, the affected provision will be immediately invalidated, modified or stayed as required to effectuate the subject order upon written request of either Party. In such event, the

Parties shall have sixty (60) days from the effective date of the order to attempt to negotiate and arrive at an agreement on the appropriate conforming modifications required to the Agreement. If the Parties are unable to agree upon the conforming modifications required within sixty (60) days from the effective date of the order, any disputes between the Parties concerning the interpretations of the actions required or the provisions affected by such order shall be handled under the Dispute Resolution Procedures set forth in this Agreement.

## **21. APPLICABILITY OF OTHER RATES, TERMS AND CONDITIONS**

- 21.1 Every interconnection, service and network element provided hereunder, shall be subject to all rates, terms and conditions contained in this Agreement which are legitimately related to such interconnection, service or network element. Without limiting the general applicability of the foregoing, the following terms and conditions of the General Terms and Conditions are specifically agreed by the Parties to be legitimately related to, and to be applicable to, each interconnection, service and network element provided hereunder: definitions, interpretation, construction and severability; notice of changes; general responsibilities of the Parties; effective date, term and termination; fraud; deposits; billing and payment of charges; non-payment and procedures for disconnection; dispute resolution; audits; disclaimer of representations and warranties; limitation of liability; indemnification; remedies; intellectual property; publicity and use of trademarks or service marks; no license; confidentiality; intervening law; governing law; regulatory approval; changes in End User local exchange service provider selection; compliance and certification; law enforcement; no third party beneficiaries; disclaimer of agency; relationship of the Parties/independent contractor; subcontracting; assignment; responsibility for environmental contamination; force majeure; taxes; non-waiver; network maintenance and management; signaling; transmission of traffic to third parties; customer inquiries; expenses; conflicts of interest; survival; scope of agreement; amendments and modifications; and entire agreement.

**EXHIBIT A****ILLUSTRATIVE CALL FLOWS  
(USAGE-SENSITIVE ULS-ST RATE ELEMENTS)**

The following call flows provide examples of application of usage sensitive UNE charges and reciprocal compensation. The call flows below depict the charges between **SBC-AMERITECH** and CLEC A. Charges to or from CLEC B (e.g., reciprocal compensation) to or from **SBC-AMERITECH** or CLEC A are pursuant to the charging arrangement(s) between the originating and terminating carriers.

**Local Calls:**

1. CLEC A (UNE) ULS-ST port originating and **SBC-AMERITECH** port terminating:

CLEC A is charged:

ULS – O Usage

Blended Transport Usage

SS7 Signalling

ULS-ST Reciprocal Compensation (equal to ULS-T rate)

2. **SBC-AMERITECH** port originating and CLEC A (UNE) ULS-ST port terminating

CLEC A is charged:

ULS – T Usage

**SBC-AMERITECH** is charged:

ULS-ST Reciprocal Compensation (equal to ULS-T rate)

3. CLEC A (UNE) port originating and CLEC B (UNE) terminating

CLEC A is charged:

ULS – O Usage

Blended Transport Usage

SS7 Signaling

4. CLEC A (UNE) port originating and CLEC A (UNE) port terminating

CLEC A is charged:

ULS – O Usage

Blended Transport Usage

SS7 Signaling

ULS - T Usage

5. CLEC B (UNE) port originating and CLEC A (UNE) port terminating  
CLEC A is charged:  
ULS – T Usage
6. CLEC (Resale services) Originating and CLEC A (UNE) port terminating  
CLEC A is charged:  
ULS – T Usage
7. CLEC A (UNE) port originating and CLEC (Resale services) terminating  
CLEC A is charged:  
ULS – O Usage  
Blended Transport Usage  
SS7 Signaling  
ULS-ST Reciprocal Compensation (equal to ULS-T rate)
8. CLEC A (UNE) port originating to CLEC (Facilities Based Network (FBN) terminating  
CLEC A is charged:  
ULS – O Usage  
Blended Transport Usage  
SS7 Signaling
9. CLEC (FBN) Originating to CLEC A (UNE) Terminating  
CLEC A is charged:  
ULS – T Usage

IntraLATA and InterLATA Toll Calls:

10. CLEC A (UNE) port originating to IXC  
If call is routed to IXC POP via direct-route (IXC FGD Trunking)—  
CLEC A is charged:  
ULS – O Usage  
SS7 Signaling  
  
If call is routed to IXC POP via SBC-AMERITECH Tandem—  
CLEC A is charged:  
  
ULS – O Usage  
SS7 Signaling  
ULS-ST Common Transport Usage

ULS-ST Tandem Usage

11. IXC to CLEC A (UNE) port terminating

If call is routed from IXC POP via direct-route (IXC FGD Trunking)—

CLEC A is charged:

ULS – T Usage

If call is routed from IXC POP via SBC-AMERITECH Tandem—

CLEC A is charged:

ULS – T Usage

ULS-ST Common Transport Usage

ULS-ST Tandem Usage

## APPENDIX BCR

## TABLE OF CONTENTS

1. INTRODUCTION .....	3
2. DEFINITIONS .....	3
3. SCOPE OF APPENDIX .....	4
4. RESPONSIBILITIES OF THE PARTIES .....	5
5. COMPENSATION .....	6
6. DISCLAIMER OF REPRESENTATIONS AND WARRANTIES .....	6
7. APPLICABILITY OF OTHER RATES, TERMS AND CONDITIONS .....	6

**APPENDIX BCR**  
**(Billing, Collecting And Remitting)**

**1. INTRODUCTION**

- 1.1 This Appendix sets forth the terms and conditions that apply to those telecommunications services for which charges are billed and collected by one Local Exchange Carrier (LEC) or CLEC but earned by another LEC; and to establish procedures for the billing, collecting and remitting of such charges and for compensation for the services performed in connection with the billing, collecting and remitting of such charges.
- 1.2 As used herein, SBC 12STATE means an ILEC doing business in Arkansas, California, Illinois, Indiana, Kansas, Michigan, Missouri, Nevada, Ohio, Oklahoma, Texas and Wisconsin.
- 1.3 As used herein, SBC-7STATE means an ILEC doing business in Arkansas, California, Kansas, Missouri, Nevada, Oklahoma and Texas.
- 1.4 As used herein, PACIFIC means an ILEC doing business in California.
- 1.5 As used herein, NEVADA means an ILEC doing business in Nevada.
- 1.6 As used herein, SBC-AMERITECH means an ILEC doing business in Illinois, Indiana, Michigan, Ohio, and Wisconsin.
- 1.7 As used herein, SBC-SWBT means an ILEC doing business in Arkansas, Kansas, Missouri, Oklahoma, and Texas.
- 1.8 The prices at which SBC-12STATE agrees to provide CLEC with BCR services are contained in the applicable Appendix Pricing and/or the applicable Commissioned ordered tariff where stated.

**2. DEFINITIONS**

- 2.1 “**Telcordia Client Company Calling Card and Third Number Settlement (BCC CATS) System**” - Nationwide system used to produce information reports that are used in the settlement of LEC revenues recorded by one BCC (or LEC) and billed to an End User of another BCC (or LEC) as described in accordance with the Telcordia Practice BR 981-200-110.
- 2.2 “**Charges**”- the amount approved or allowed by the appropriate regulatory authority to be billed to an End User for any of the services described in Section 3, rendered by a LEC to an End User.



- 2.3 **“Compensation”** - the amount to be paid by one Party to the other Party for billing, collecting and remitting of charges as set forth in Section 5.
- 2.4 **“IntraLATA”** - within a Local Access Transport Area (LATA) - IntraLATA messages are those messages, either intrastate or interstate, which originate and terminate within a LATA. The term “IntraLATA messages,” as used herein, shall only include those that qualify for the Telcordia Client Company BCC CATS process.
- 2.5 **“InterLATA”** - between Local Access and Transport Areas (LATAs) as defined in the FCC’s CC Docket No. 78-72. InterLATA messages are those messages, which originate in one LATA and terminate, in a different LATA. The term “InterLATA messages” as used herein, shall only include those that qualify for the Telcordia Client Company BCC CATS process.
- 2.6 **“Local Exchange Carrier (LEC)”** - as used in this Appendix shall mean those Local Exchange Carriers or Competitive Local Exchange Carriers using BCC CATS as a message tracking system.
- 2.7 **“Local Message”** - Local messages are those messages that originate and terminate within the area defined as the local service area of the station from which the message originates.
- 2.8 **“Revenues”** - the sum of all or part of the charges as defined above.

### 3. SCOPE OF APPENDIX

- 3.1 This Appendix shall apply to procedures for the billing; collecting and remitting of revenues (and compensation to either Party for billing, collecting and remitting of such revenues) derived from the following services:
- 3.2 LEC-carried (traffic transported by facilities belonging to a LEC) local messages of the following types:
  - 3.2.1 Local Message Service Charges Billed to a Calling Card or to a Third Number.
  - 3.2.2 Directory Assistance Calls Charged to a Calling Card or to a Third Number.
  - 3.2.3 Public Land Mobile Radiotelephone Transient-Unit Local Message Service (Mobile Channel Usage Link Charge).
  - 3.2.4 Maritime Mobile Radiotelephone Service and Aviation Radiotelephone Service (Marine, Aircraft, High Speed Train Radio Link Charges).

- 3.2.5 The billing, collection and remitting of local messages as described in section 3.2 are technically infeasible in **SNET** at this time.
- 3.2.6 In **PACIFIC/NEVADA**, the billing, collection, and remitting of local messages as described in section 3.2 is done via the Message Exchange Agreement.
- 3.3 LEC-carried Interstate IntraLATA and Interstate InterLATA telecommunications services that qualify for and flow through the BCC CATS process as addressed in the Telcordia Practice BR 981-200-110, of the following types: paragraph 3.3 is applicable (**SBC 12-STATE**) only when **SBC 12-STATE** company is the CMDS Host Company.
  - 3.3.1 Interstate IntraLATA Toll Service carried by an LEC and charged to a Calling Card or a Third Number.
  - 3.3.2 Interstate InterLATA Toll Service carried by an LEC and charged to a Calling Card or a Third Number.
  - 3.3.3 Radio Link Charges where service is provided by one LEC and billed by another LEC.

#### 4. **RESPONSIBILITIES OF THE PARTIES**

- 4.1 CLEC agrees to bill, collect and remit to **SBC-12STATE** the charges for the services described in Section 3.2 which charges are earned by any LEC (including **SBC-12STATE**), but which are to be billed to End Users of the CLEC.
- 4.2 In those cases in which the charges for the services listed in Section 3.2 above are due any LEC other than **SBC-12STATE**, **SBC-12STATE** will arrange to transfer these and charges to the appropriate company in accordance with accepted industry standards.
- 4.3 Charges for the services listed in Section 3.2 above to be billed, collected and remitted by CLEC for **SBC-12STATE** benefit, shall be remitted by CLEC to **SBC-12STATE** within thirty (30) calendar days of the date of **SBC-12STATE** bill to CLEC for such services.
- 4.4 **SBC-12STATE** agrees to bill and collect (or to have another LEC bill and collect, where appropriate), and to remit to CLEC, the charges for the services described in Section 3.2 above, which charges are earned by CLEC, but which are to be billed by another LEC (including **SBC -12STATE**) to the End Users of that LEC.
- 4.5 Charges for the services listed in Section 3.2 above to be billed, collected and remitted by **SBC-12STATE** or another LEC for CLEC's benefit, shall be remitted by

**SBC-12STATE** to CLEC within thirty (30) calendar days of the date of CLEC's bill to **SBC-12STATE** for such services.

- 4.6 The full amount of the charges transmitted to either Party for billing, collecting and remitting shall be remitted by the other Party, without setoff, abatement or reduction for any purpose, other than to deduct the compensation, as described in Section 5 below, due the Party for performing the End User billing function. The Party billing the End User shall be responsible for all uncollectible amounts related to the services described remitted in Section 3.2 AND 3.3 above. Notwithstanding this paragraph, **SBC-12STATE** may net amounts due to CLEC under this Appendix against amounts owed to **SBC-12STATE** when **SBC-12STATE** renders a bill to CLEC hereunder.
- 4.7 Each Party will furnish to the other such information as may be required for monthly billing and remitting purposes.

## **5. COMPENSATION**

- 5.1 A Party performing the services described in Section 3.2 and Section 3.3 above will compensate the other Party for each charge billed at the rates set forth in Appendix Pricing. Such compensation shall be paid (unless a Party has collected such compensation as described in Section 4.6 above) within thirty (30) calendar days of the date of a bill for such compensation by the Party performing (or which has another LEC perform for it), the billing, collecting and remitting functions described in Section 4.

## **6. DISCLAIMER OF REPRESENTATIONS AND WARRANTIES**

- 6.1 **SBC-12STATE** makes no representations or warranties, express or implied, including but not limited to any warranty as to merchantability or fitness for intended or particular purpose with respect to services provided hereunder. **SBC-12STATE** assumes no responsibility with regard to the correctness of the data supplied by CLEC when this data is accessed and used by a third party.

## **7. APPLICABILITY OF OTHER RATES, TERMS AND CONDITIONS**

- 7.1 Every interconnection, service and network element provided hereunder, shall be subject to all rates, terms and conditions contained in this Agreement which are legitimately related to such interconnection, service or network element. Without limiting the general applicability of the foregoing, the following terms and conditions of the General Terms and Conditions are specifically agreed by the Parties to be legitimately related to, and to be applicable to, each interconnection, service and network element provided hereunder: definitions; interpretation, construction and severability; notice of changes; general responsibilities of the Parties; effective date, term and termination; fraud; deposits; billing and payment of charges; non-payment and procedures for disconnection; dispute resolution; audits; disclaimer of representations and warranties; limitation of liability; indemnification; remedies;

intellectual property; publicity and use of trademarks or service marks; no license; confidentiality; intervening law; governing law; regulatory approval; changes in End User local exchange service provider selection; compliance and certification; law enforcement; no third party beneficiaries; disclaimer of agency; relationship of the Parties/independent contractor; subcontracting; assignment; responsibility for environmental contamination; force majeure; taxes; non-waiver; network maintenance and management; signaling; transmission of traffic to third parties; customer inquiries; expenses; conflicts of interest; survival; scope of agreement; amendments and modifications; and entire agreement.

## APPENDIX CH

**TABLE OF CONTENTS**

<b>1. INTRODUCTION.....</b>	<b>3</b>
<b>2. CLEARINGHOUSE DESCRIPTION.....</b>	<b>4</b>
<b>3. QUALIFYING MESSAGE CRITERIA .....</b>	<b>4</b>
<b>4. RESPONSIBILITIES OF THE PARTIES .....</b>	<b>4</b>
<b>5. PROCESSING CHARGE .....</b>	<b>5</b>
<b>6. BILLING CHARGE .....</b>	<b>5</b>
<b>7. SETTLEMENT REPORT.....</b>	<b>5</b>
<b>8. RETROACTIVE AND LOST MESSAGES .....</b>	<b>5</b>
<b>9. LIMITATION OF LIABILITY .....</b>	<b>6</b>
<b>10. DISCLAIMER OF WARRANTIES .....</b>	<b>6</b>
<b>11. APPLICABILITY OF OTHER RATES, TERMS AND CONDITIONS .....</b>	<b>6</b>

## APPENDIX CLEARINGHOUSE (CH)

### 1. INTRODUCTION

- 1.1 This Appendix sets forth the rates, terms, and conditions, which are made available for CLECs by SBC-12STATE to participate in the Clearinghouse (CH).
- 1.2 As used herein, SBC-12STATE means the above listed LEC doing business in Arkansas, California, Illinois, Indiana, Kansas, Michigan, Missouri, Nevada, Ohio, Oklahoma, Texas and Wisconsin.
- 1.3 As used herein, SBC-SWBT means the above listed LEC doing business in Arkansas, Kansas, Missouri, Oklahoma, and Texas.
- 1.4 As used herein, SBC-AMERITECH means the LEC doing business in Illinois, Indiana, Michigan, Ohio and Wisconsin.
- 1.5 As used herein, PACIFIC means the LEC doing business in California.
- 1.6 As used herein, NEVADA means the LEC doing business in Nevada.
- 1.7 As used herein, SNET means the LEC doing business in Connecticut.
- 1.8 In SBC-AMERITECH, the exchange of certain alternately billed intrastate intraLATA message toll call records and the reporting of appropriate settlement revenues owed by and among participating LECs, CLECs, and SBC-AMERITECH is facilitated via the existing LEC Settlement process in each state.
- 1.9 In PACIFIC/NEVADA, the exchange of certain alternately billed intrastate intraLATA message toll call records and the reporting of appropriate settlement revenues owed by and among participating LECs, CLECs and PACIFIC/NEVADA is facilitated via the Message Exchange Appendix.
- 1.10 The exchange of certain alternately billed intrastate intraLATA message toll call records and the reporting of appropriate settlement revenues owed by and among participating LECs, CLECs and SNET, is technically infeasible in SNET.
- 1.11 SBC Communications Inc. (SBC) means the holding company which owns the following ILECs: Illinois Bell Telephone Company, Indiana Bell Telephone Company Incorporated, Michigan Bell Telephone Company d/b/a Ameritech Michigan, Nevada Bell Telephone Company d/b/a SBC Nevada Bell Telephone Company, The Ohio Bell Telephone Company, Pacific Bell Telephone Company d/b/a SBC Pacific Bell Telephone Company, The Southern New England Telephone Company, Southwestern Bell Telephone, L.P. d/b/a Southwestern Bell Telephone Company and/or Wisconsin Bell, Inc. d/b/a Ameritech Wisconsin.

## 2. CLEARINGHOUSE DESCRIPTION

- 2.1 SBC-SWBT operates a CH for the purpose of facilitating the exchange of certain alternatively billed intrastate intraLATA message toll call records and the reporting of settlement revenues owed by and among participating LECs and CLECs, including SBC-SWBT and CLEC.

## 3. QUALIFYING MESSAGE CRITERIA

- 3.1 The only toll call messages that qualify for submission to SBC-SWBT for CH processing are: (a) intrastate intraLATA sent collect (including calling card, collect and third number) messages which are originated in one LEC or CLEC exchange, exclusively carried by a LEC or CLEC over LEC or CLEC facilities and billed to a customer located in a second LEC's or CLEC exchange within the same state; or (b) intrastate intraLATA sent collect (but limited to calling card and third number) messages originated in one of SBC-SWBT's operating areas (located in parts of Texas, Arkansas, Kansas, Missouri or Oklahoma), exclusively carried by a LEC or CLEC over LEC or CLEC facilities, and billed to a customer located in a second LEC's or CLEC exchange and not in the originating State.

## 4. RESPONSIBILITIES OF THE PARTIES

- 4.1 CLEC agrees that it will provide SBC-SWBT with billing records for CH processing that are in an industry standard format acceptable to SBC-SWBT and at a minimum will display the telephone number of the end user to whom the call is to be billed, and data about the call sufficient for a carrier to comply with all applicable state regulatory requirements. For purposes of this Attachment, these records ("CH Records") will detail intraLATA toll calls which were originated by use of the single digit access code (i.e., 0+ and 0-) in one LEC or CLEC exchange but are to be billed to an end user in a second LEC's or CLEC exchange. Such records are referred to as category ninety-two (92) records for CH processing purposes. The term "CH Record" will mean the call detail attributed to a single completed toll message.
- 4.2 CLEC agrees that all CH Records it generates will display indicators denoting whether category ninety-two (92) Records should be forwarded to SBC-SWBT's CH. CLEC will retain its originating records for ninety (90) days such that the category ninety-two (92) Records can be retransmitted to SBC-SWBT for CH processing, if needed.
- 4.3 SBC-SWBT will provide and maintain such systems as it believes are required to furnish the CH service described herein. SBC-SWBT, in its capacity as operator of the CH, agrees to retain all CH Records processed through the CH for two (2) years.



- 4.4 CLEC will timely furnish to **SBC-SWBT** all CH Records required by **SBC-SWBT** to provide the CH service in accordance with the Technical Exhibit Settlement Procedures (TESP) dated DD/MM/YEAR, or as otherwise mutually agreed upon by the Parties. **SBC-SWBT** will provide the CH service in accordance with the TESP, and such modifications as are subsequently agreed upon.
- 4.5 Presently, in operating the CH, **SBC-SWBT** relies upon NXX codes to identify messages for transmission to participating billing companies. To the extent any subprocesses are required to settle CH messages due to the use of ported numbers, such subprocessing will be the responsibility of the porting entity.

**5. PROCESSING CHARGE**

- 5.1 CLEC agrees to pay **SBC-SWBT** a processing charge in consideration of **SBC-SWBT**'s performance of CH services. This charge is located in Appendix Pricing under "Other" listed as CH Processing Charge.

**6. BILLING CHARGE**

- 6.1 CLEC agrees to pay a per message charge to the CLEC responsible for billing the message, including **SBC-SWBT**, when **SBC-SWBT** bills the message. This charge is located in Appendix Pricing under "Other" listed as Billing Charge.

**7. SETTLEMENT REPORT**

- 7.1 **SBC-SWBT** will issue monthly reports containing the results of the processing of CH Records to each participating LEC and CLEC. These reports list the: (a) amounts owed by CLEC for billing messages originated by others; (b) amounts due to CLEC for CLEC originated messages billed by others; (c) applicable billing charges; and (d) processing charges.

**8. RETROACTIVE AND LOST MESSAGES**

- 8.1 The Parties agree that processing of retroactive messages through the CH is acceptable, if such messages utilize the industry standard format for call records, pursuant to Section III of this Attachment. The Parties agree that lost messages are the complete responsibility of the originating LEC or CLEC. If messages are lost by any Party, and cannot be recreated or retransmitted, the originating LEC or CLEC will estimate messages, minutes, and associated revenues based on the best available data. No estimate will be made for messages which are more than two years old at the time the estimate is made. The estimates will be off-line calculations (i.e., not part of the routine CH processing) and will be included as a supplement to the monthly settlement report.

## 9. LIMITATION OF LIABILITY

- 9.1 By agreeing to operate the CH, SBC-SWBT assumes no liability for any LEC's or CLEC's receipt of appropriate revenues due to it from any other entity. CLEC agrees that SBC-SWBT will not be liable to it for damages (including, but not limited to, lost profits and exemplary damages) which may be owed to it as a result of any inaccurate or insufficient information resulting from any entity's actions, omissions, mistakes, or negligence and upon which SBC-SWBT may have relied in preparing settlement reports or performing any other act under this Attachment.
- 9.2 CLEC agrees to indemnify and hold SBC-SWBT harmless against and with respect to any and all third party claims, demands, liabilities or court actions arising from any of its actions, omissions, mistakes or negligence occurring during the course of SBC-SWBT's performance of CH processing pursuant to this Attachment.
- 9.3 SBC-SWBT will not be liable for any losses or damages arising out of errors, interruptions, defects, failures, or malfunction of the CH services provided pursuant to this Attachment, including those arising from associated equipment and data processing systems, except such losses or damages caused by the sole negligence of SBC-SWBT. Any losses or damage for which SBC-SWBT is held liable under this Attachment will in no event exceed the amount of processing charges incurred by CLEC for the CH services provided hereunder during the period beginning at the time SBC-SWBT receives notice of the error, interruption, defect, failure or malfunction, to the time service is restored.

## 10. DISCLAIMER OF WARRANTIES

- 10.1 SBC-SWBT makes no representations or warranties, express or implied, including but not limited to any warranty as to merchantability or fitness for intended or particular purpose with respect to services provided hereunder. Additionally, SBC-SWBT assumes no responsibility with regard to the correctness of the data supplied by CLEC when this data is accessed and used by a third party.

## 11. APPLICABILITY OF OTHER RATES, TERMS AND CONDITIONS

- 11.1 Every interconnection, service and network element provided hereunder, shall be subject to all rates, terms and conditions contained in this Agreement which are legitimately related to such interconnection, service or network element. Without limiting the general applicability of the foregoing, the following terms and conditions of the General Terms and Conditions are specifically agreed by the Parties to be legitimately related to, and to be applicable to, each interconnection, service and network element provided hereunder: definitions; interpretation, construction and severability; notice of changes; general responsibilities of the Parties; effective date, term and termination; fraud; deposits; billing and payment of charges; non-payment and procedures for disconnection; dispute resolution; audits; disclaimer of representations and warranties; limitation of liability; indemnification; remedies;

intellectual property; publicity and use of trademarks or service marks; no license; confidentiality; intervening law; governing law; regulatory approval; changes in End User local exchange service provider selection; compliance and certification; law enforcement; no third party beneficiaries; disclaimer of agency; relationship of the Parties/independent contractor; subcontracting; assignment; responsibility for environmental contamination; force majeure; taxes; non-waiver; network maintenance and management; signaling; transmission of traffic to third parties; customer inquiries; expenses; conflicts of interest; survival; scope of agreement; amendments and modifications; and entire agreement.

## APPENDIX HOSTING

**TABLE OF CONTENTS**

<b>1. INTRODUCTION.....</b>	<b>3</b>
<b>2. DEFINITIONS .....</b>	<b>4</b>
<b>3. RESPONSIBILITIES OF THE PARTIES .....</b>	<b>6</b>
<b>4. DESCRIPTION OF BILLING SERVICES .....</b>	<b>7</b>
<b>5. BASIS OF COMPENSATION.....</b>	<b>9</b>
<b>6. TERM OF AGREEMENT .....</b>	<b>10</b>
<b>7. APPLICABILITY OF OTHER RATES, TERMS AND CONDITIONS .....</b>	<b>10</b>

## APPENDIX HOSTING

### 1. INTRODUCTION

- 1.1 This Appendix sets forth the terms and conditions under which the Hosting Company will perform hosting responsibilities for a CLEC for data received from such CLECs for distribution to the appropriate billing and/or processing location or for data received from other Local Exchange Carriers/CLECs to be distributed to such CLEC via the Hosting company's in-region network or via the nationwide Centralized Message Distribution System (CMDS).
- 1.2 This Appendix sets forth the terms for the provision of 1) Message Distribution Services; 2) Intercompany Revenue Settlement Services; and (**SBC-AMERITECH** only) 3) In-Region Non-Intercompany Revenue Settlement Services ("Agreement").
  - 1.2.1 Hosting out of region is only available to a CLEC that is a Full Status Revenue Accounting Office (RAO) company.
- 1.3 **SNET** - The hosting function described herein is facilitated via the LEC-LINK agreement if the CLEC chooses SNET as its CMDS HOST. The LEC-LINK service is de-regulated in SNET.
  - 1.3.1 CLECs interested in CMDS Hosting by SNET may contact:

SNET Diversified Group, Inc.  
530 Preston Ave.  
Meriden, CT 06450  
[l.s5275@ctmail.snet.com](mailto:l.s5275@ctmail.snet.com)  
203-634-6370
- 1.4 SBC Communications Inc. (SBC) means the holding company which owns the following ILECs: Illinois Bell Telephone Company, Indiana Bell Telephone Company Incorporated, Michigan Bell Telephone Company d/b/a Ameritech Michigan, Nevada Bell Telephone Company d/b/a SBC Nevada Bell Telephone Company, The Ohio Bell Telephone Company, Pacific Bell Telephone Company d/b/a SBC Pacific Bell Telephone Company, The Southern New England Telephone Company, Southwestern Bell Telephone, L.P. d/b/a Southwestern Bell Telephone Company and/or Wisconsin Bell, Inc. d/b/a Ameritech Wisconsin.
- 1.5 As used herein, **SBC-7STATE** means the applicable above listed ILEC(s) doing business in Arkansas, California, Kansas, Missouri, Nevada, Oklahoma and Texas.

- 1.6 As used herein, SBC-SWBT means the applicable above listed ILEC(s) doing business in Arkansas, Kansas, Missouri, Oklahoma and Texas.
- 1.7 As used herein, SBC-AMERITECH means the applicable above listed ILEC(s) doing business in Illinois, Indiana, Michigan, Ohio and Wisconsin.
- 1.8 As used herein, SBC-IL means the applicable above listed ILEC(s) doing business in Illinois.
- 1.9 As used herein, SBC-MI means the applicable above listed ILEC(s) doing business in Michigan.
- 1.10 As used herein, PACIFIC means the applicable above listed ILEC(s) doing business in California.
- 1.11 As used herein, NEVADA means the applicable above listed ILEC(s) doing business in Nevada.
- 1.12 As used herein, SNET means the applicable above listed ILEC doing business in Connecticut.
- 1.13 The prices at which SBC-7STATE and SBC-AMERITECH agrees to provide CLEC Hosting responsibilities are contained in the applicable Appendix Pricing and/or the applicable Commissioned ordered tariff where stated.

## 2. DEFINITIONS

- 2.1 **“Bellcore Client Company Calling Card and Third Number Settlement (BCC CATS) System”** – Nationwide system used to produce information reports that are used in the settlement of Local Exchange Carrier (LEC) revenues originated by one BCC (or within the territory of that BCC) and billed to a customer of another BCC (or Local Exchange Carrier within the territory of that BCC) as described in accordance with the Telcordia Practice BR 981-200-110. The CATS Report cycle is the 26<sup>th</sup> of the current month through the 25<sup>th</sup> of the following month.
- 2.2 **“Centralized Message Distribution System” (CMDS)** – means the industry-wide data collection system located in Kansas City, Missouri which handles the daily exchange of toll message details between LECs that are Direct Participants of the systems.
- 2.3 **“Direct Participants” (DP)** -- the 24 pre-divestiture Bell Operating Companies that interface directly with CMDS. Following is a list of the Direct Participants:
  - 2.3.1 New England Telephone Company

- 2.3.2 New York Telephone Company
- 2.3.3 Bell Atlantic, NJ
- 2.3.4 Bell Atlantic, PA
- 2.3.5 Bell Atlantic, DE
- 2.3.6 Bell Atlantic, DC
- 2.3.7 Bell Atlantic MD
- 2.3.8 Bell Atlantic VA
- 2.3.9 Bell Atlantic WV
- 2.3.10 Southern Bell Telephone Company
- 2.3.11 South Central Bell Telephone Company
- 2.3.12 Ohio bell Telephone Company (Ameritech)
- 2.3.13 Michigan Bell Telephone Company d/b/a Ameritech Michigan
- 2.3.14 Indiana Bell Telephone Company (Ameritech)
- 2.3.15 Illinois Bell Telephone Company (Ameritech)
- 2.3.16 Wisconsin Bell Telephone Company (Ameritech)
- 2.3.17 Northwestern Bell Telephone Company
- 2.3.18 Southwestern Bell Telephone, L.P. d/b/a Southwestern Bell Telephone Company
- 2.3.19 Mountain Bell Telephone Company
- 2.3.20 Pacific Bell Telephone Company d/b/a SBC Pacific Bell Telephone Company
- 2.3.21 Nevada Bell Telephone Company d/b/a SBC Nevada Bell Telephone Company
- 2.3.22 Southern New England Telephone Company
- 2.3.23 Cincinnati Bell Telephone Company
- 2.4 **“Exchange Message Interface (EMI)”** -the format used for the exchange of telecommunications message information. EMI format is contained in the Alliance for Telecommunications Industry Solutions (ATIS) document that defines industry guidelines for exchange message records.
- 2.5 **“Full Status Revenue Accounting Office (RAO)”** – CLEC that is provided a separate RAO code. Responsible for formatting EMI records, editing and packing of such detail records into files for distribution.
- 2.6 **“In Region Hosting” (SBC-SWBT only)** - The transport of 1) LEC transported data that originates in the region and are delivered by the CLEC to the Hosting Company to be sent another Local Exchange Carrier for billing; and 2) data received from CMDS or another LEC to be delivered to the CLEC for billing to its End User located within the five state territory of the Host Company.
- 2.7 **“Intercompany Settlements” (ICS)** - a revenue exchange process for messages that originate (earning company) by one Direct Participant (or LEC within the territory of that Direct Participant) and billed to a customer of



another Direct Participant (or LEC within the territory of the other Direct participant). ICS consists of third number billed and calling card revenues.

- 2.8 **“Local Exchange Carriers (LECs) or “Exchange Carriers (ECs) ”** - facilities-based providers of local telecommunication services.
- 2.9 **“Message Distribution (Transmission)”** is a collection of data designated to be delivered to the CLEC. Message distribution includes collection of data from the CLEC designated to be delivered to other LECs.
- 2.10 **“Non-Intercompany Settlement (NICS)”** (**SBC-AMERITECH** only) is a revenue exchange process for messages which originate from CLEC and bill to **SBC-AMERITECH** and message which originate from **SBC-AMERITECH** and bill to CLEC. NICS messages must originate and bill within the same **SBC-AMERITECH** Company.
- 2.11 **“Non-Full Status Revenue Accounting Office (RAO)”** - Contracting Company that has assigned responsibility to the Hosting Company for editing, sorting and placing billing message record detail and/or access usage record detail into packs for distribution.

### **3. RESPONSIBILITIES OF THE PARTIES**

- 3.1 All data forwarded from the CLEC must be in the industry standard format in accordance with the ATIS EMI document. The CLEC is responsible to ensure all appropriate settlement plan indicators are included in the message detail, i.e., the Bellcore Client Company Calling Card and Third Number Settlement (BCC CATS) System. The CLEC acknowledges that the only message records subject to this Hosting Agreement are those that arise from Local Exchange Carrier transported data.
- 3.2 (**SBC-7STATE**) - When CLEC delivers messages to the Hosting Company which must be forwarded to another location for billing purposes, the Hosting Company will accept data from the CLEC, perform edits required to ensure the records are consistent with CMDS specifications, and use its in region data network to forward this data to the appropriate billing company or to access the national CMDS network in order to deliver this data to the appropriate billing and/or processing company.
- 3.3 If CLEC is non- Full Status RAO Company, the Hosting Company will also sort billable message detail and access usage record detail by Revenue Accounting Office, Operating Company Number or Service Bureau and split data into packs for invoicing prior to using its in region network to forward this data to the appropriate billing company or to access the national CMDS network in order to deliver such data to the appropriate billing company.

- 3.4 (SBC-7STATE only) For billable message data and/or access usage data received by the Hosting Company for delivery to a CLEC location, the Hosting Company will use its in region data network to receive this data from other Local Exchange Carriers or from CMDS in order to deliver such billable message data and/or access usage data to the agreed upon billing Contract Company location.

#### 4. DESCRIPTION OF BILLING SERVICES

##### 4.1 (SBC-AMERITECH) Monthly Billing

- 4.1.1 Each month, SBC-AMERITECH shall calculate the total amount due. This calculation will include:
- 4.1.1.1 Transmission fee
  - 4.1.1.2 ICS settlement processing fee
  - 4.1.1.3 ICS revenue, originated by Ameritech and ICS revenue originated by CLEC
  - 4.1.1.4 NICS revenue, originated by Carrier and NICS revenue originated by Ameritech
- 4.1.2 CATS and NICS reports include a payment by the originating company to the billing company for compensation of Billing and Collecting (B&C).
- 4.1.3 SBC-AMERITECH shall provide collection and distribution of messages that are designated to be delivered to the CLEC.
- 4.1.4 SBC-AMERITECH shall provide collection and distribution of messages that originate with the CLEC and are designated to be delivered to other LECs.
- 4.1.5 CLEC must provide SBC-AMERITECH a Non-Hosted Nationwide Revenue Accounting Office (RAO) code which has been assigned by Telcordia Technologies (previously Bellcore). SBC-AMERITECH advise Telcordia Technologies to convert the RAO code.
- 4.1.6 CLEC subscribing to Hosting services with SBC-AMERITECH prior to the effective date of this agreement and sharing an SBC-AMERITECH RAO may continue this service using SBC-AMERITECH RAO. One exception is when the CLEC is providing Hosting service using SBC-AMERITECH as an intermediary. In this situation, a Full Status RAO is required.

- 4.1.7 If access records are received from the CMDS system, **SBC-AMERITECH** shall collect these records and distribute to the CLEC. Such records may be either detail or summary access records.
- 4.1.8 All data will be forwarded on a daily basis to the CLEC or their designated billing agent. Both **SBC-AMERITECH** and CLEC shall send/receive data in EMI format. **SBC-AMERITECH** and CLEC shall be responsible for packing the data and shall be subject to Telcordia Technologies CMDS packing and editing requirements.
- 4.1.9 CLEC may return to **SBC-AMERITECH** any messages which are unbillable provided that such returns are made within ninety (90) days of message date. All such returned unbillable messages shall be accepted by **SBC-AMERITECH** and the charges therefore deducted for reimbursement amount owing to **SBC-AMERITECH**. CLEC shall be responsible for packing such unbillable messages subject to Telcordia Technologies CMDS packing and editing requirements.

4.2 **(SBC-AMERITECH)** INTERCOMPANY SETTLEMENT (ICS)

- 4.2.1 **SBC-AMERITECH** will provide Intercompany Settlement (ICS) for alternately billed (third number billed and calling card) messages. Using the following criteria:
  - 4.2.1.1 The call must be transported by a LEC.
  - 4.2.1.2 The message must be billed in a DP's territory different from the DP's territory where the call originated.
  - 4.2.1.3 ICS does not extend to the 900 or 976 calls or to other pay per call services.
  - 4.2.1.4 The Telcordia Technologies CATS report is the source for revenue to be settled between **SBC-AMERITECH** and CLEC. ICS settlement will be incorporated into the CLEC's monthly invoice.

4.3 **(SBC-AMERITECH)** NON-INTERCOMPANY SETTLEMENT (NICS)

- 4.3.1 Non-Intercompany Settlement (NICS) shall apply only to alternately billed messages (calling card, third number billed and collect calls) originated by **SBC-AMERITECH** and billed by the CLEC, or messages originated by the CLEC and billed by **SBC-AMERITECH** within the same **SBC-AMERITECH** State. For example, an alternately billed call originating within **AM-IL** territory and billed to

a CLEC within **AM-IL** would be covered by this section; a call originating within **AM-MI** but billing outside of **AM-MI** would not be NICS.

- 4.3.2 NICS does not extend to 900 or 976 calls or to other pay per call services.
- 4.3.3 The Telcordia Technologies NICS report is the source for revenue to be settled between **SBC-AMERITECH** and CLEC. NICS settlement will be incorporated into the CLEC's monthly invoice.
- 4.3.4 CLECs subscribing to Hosting services with **SBC-AMERITECH** prior to the effective date of this agreement and sharing an **SBC-AMERITECH** RAO, may continue this service using **SBC-AMERITECH**'s RAO. One exception is when the CLEC is providing Hosting service using **SBC-AMERITECH** as an intermediary. In this situation, a Full Status RAO is required.
- 4.3.5 For calls originating and billing within a non- **SBC-AMERITECH** state, CLEC should obtain NICS agreements with the LECs in that state.

## **5. BASIS OF COMPENSATION**

- 5.1 In **SBC-SWBT**, CLEC agrees to pay Hosting Company a per record charge for billable message records an/or access usage records that are received from the CLEC and destined for delivery to another location for billing, at the rates listed in Appendix Pricing.
  - 5.1.1 As part of this per record charge, the Hosting Company will provide Confirmation and /or Error Reports and any Intercompany Settlement (ICS) Reports, such as the Bellcore Client Company Calling Card and Third Number Settlement System (BCC CATS).
  - 5.1.2 CLEC also agrees to pay Hosting Company a per record charge for billable message records an/or access usage records in those situations where the Hosting Company, performing a transfer service, provides this message data received from other Local Exchange Carriers or from CMDS on a magnetic tape or data file for delivery to the CLEC.
- 5.2 (**SBC-AMERITECH** only)- CLEC shall pay a one-time set-up charge, half (½) due at contract signing and half (½) due with first billing and for services as set forth in Appendix Pricing.

- 5.3 (SBC-AMERITECH only) CLEC shall be issued a monthly invoice that may be amended by Hosting Company from time to time at its sole discretion. Monthly charges shall be billed as set forth in Appendix Pricing. Payments shall be due within thirty (30) days of the date of the invoice. A late payment charge of one and one half percent (1 1/2%) per month, or the highest amount allowed by law, whichever is greater, shall apply to past due amounts.

## **6. TERM OF AGREEMENT**

- 6.1 Unless sooner terminated as herein provided, this Agreement will continue in force for a period of one (1) year from the effective date hereof and thereafter until terminated by sixty (60) days prior notice in writing form either party to the other.

## **7. APPLICABILITY OF OTHER RATES, TERMS AND CONDITIONS**

- 7.1 Every interconnection, service and network element provided hereunder, shall be subject to all rates, terms and conditions contained in this Agreement which are legitimately related to such interconnection, service or network element. Without limiting the general applicability of the foregoing, the following terms and conditions of the General Terms and Conditions are specifically agreed by the Parties to be legitimately related to, and to be applicable to, each interconnection, service and network element provided hereunder: definitions; interpretation, construction and severability; notice of changes; general responsibilities of the Parties; effective date, term and termination; fraud; deposits; billing and payment of charges; non-payment and procedures for disconnection; dispute resolution; audits; disclaimer of representations and warranties; limitation of liability; indemnification; remedies; intellectual property; publicity and use of trademarks or service marks; no license; confidentiality; intervening law; governing law; regulatory approval; changes in End User local exchange service provider selection; compliance and certification; law enforcement; no third party beneficiaries; disclaimer of agency; relationship of the Parties/independent contractor; subcontracting; assignment; responsibility for environmental contamination; force majeure; taxes; non-waiver; network maintenance and management; signaling; transmission of traffic to third parties; customer inquiries; expenses; conflicts of interest; survival; scope of agreement; amendments and modifications; and entire agreement.

**Exhibit A**  
**Change Request by Carrier**  
**SBC-AMERITECH**

1. For purposes of this Exhibit, Interfacing Company shall mean Ameritech.
2. When CLEC requests modifications to existing Interfacing Company systems or procedures, CLEC will provide complete written specifications for the requested change. The time and cost request should be directed to the CLEC's Account Manager.
3. Change Requests:
  - Both parties must agree that the specification accurately describes the work to be performed. CLEC will authorize the specifications in writing.
  - The authorized specifications will be distributed within the Interfacing Company to develop an estimate of the work effort involved to implement the change.
  - CLEC will have up to sixty (60) workdays from receipt of the time and cost to authorize implementation. If implementation is to proceed, CLEC will provide written authorization to the Interfacing Company.
  - Any changes to the approved specifications will be subject to re-evaluation by the Interfacing Company and CLEC.
4. General:
  - Interfacing Company will notify CLEC if it fails to implement a change on the agreed effective date. This notification will take place as soon as the Interfacing Company is aware of the problem.
  - CLEC will compensate Interfacing Company for changes only to the extent such changes have been authorized by Carrier in writing.
  - For cancelled requests, CLEC will compensate Interfacing Company for expense incurred up to the point of cancellation.

5. System Embargo:

- Interfacing Company will notify CLEC in advance when Interfacing Company will be involved in a major project resulting in a billing system embargo for a period of time. Such embargo will not affect any existing request pending before Interfacing Company for which written authorization has been received. Change requests received during an embargo will be handled on an individual case basis.

**APPENDIX DSL  
(Including Line Sharing or HFPL)**



## TABLE OF CONTENTS

<b>1. INTRODUCTION.....</b>	<b>3</b>
<b>2. DEFINITIONS .....</b>	<b>4</b>
<b>3. GENERAL TERMS AND CONDITIONS RELATING TO UNBUNDLED xDSL CAPABLE LOOPS.....</b>	<b>6</b>
<b>4. UNBUNDLED xDSL-CAPABLE LOOP OFFERINGS.....</b>	<b>9</b>
<b>5. HFPL: SPLITTER OWNERSHIP AND RESPONSIBILITIES.....</b>	<b>13</b>
<b>6. OPERATIONAL SUPPORT SYSTEMS: LOOP MAKEUP INFORMATION AND ORDERING.....</b>	<b>15</b>
<b>7. PROVISIONING.....</b>	<b>17</b>
<b>8. TESTING.....</b>	<b>20</b>
<b>9. MAINTENANCE/SERVICE ASSURANCE.....</b>	<b>23</b>
<b>10. SPECTRUM MANAGEMENT.....</b>	<b>26</b>
<b>11. RESERVATION OF RIGHTS.....</b>	<b>27</b>
<b>12. APPLICABILITY OF OTHER RATES, TERMS AND CONDITIONS.....</b>	<b>27</b>

**APPENDIX DSL**  
**Digital Subscriber Line (DSL) Capable Loops**

**1. INTRODUCTION**

- 1.1 This Appendix sets forth terms and conditions for providing DSL and the High Frequency Portion of the Loop (HFPL) by the applicable SBC Communications Inc. (SBC) owned Incumbent Local Exchange Carrier (ILEC) and Competitive Local Exchange Carrier (CLEC).
- 1.2 **SBC Communications Inc. (SBC)** means the holding company which owns the following ILECs: Illinois Bell Telephone Company, Indiana Bell Telephone Company Incorporated, Michigan Bell Telephone Company d/b/a Ameritech Michigan, Nevada Bell Telephone Company d/b/a SBC Nevada Bell Telephone Company, The Ohio Bell Telephone Company, Pacific Bell Telephone Company d/b/a SBC Pacific Bell Telephone Company, The Southern New England Telephone Company, Southwestern Bell Telephone, L.P. d/b/a Southwestern Bell Telephone Company and/or Wisconsin Bell, Inc. d/b/a Ameritech Wisconsin.
- 1.3 As used herein, **SBC-12STATE** means the above listed ILECs doing business in Arkansas, California, Illinois, Indiana, Kansas, Michigan, Missouri, Nevada, Ohio, Oklahoma, Texas and Wisconsin.
- 1.4 As used herein, **SNET** means the applicable above listed ILEC doing business in Connecticut.
- 1.5 As used herein, **SBC-SWBT**, means the applicable above listed ILEC doing business in Arkansas, Kansas, Missouri, Oklahoma, and Texas.
- 1.6 As used herein, **SBC-AMERITECH**, means the applicable above listed ILEC doing business in Illinois, Indiana, Michigan, Ohio, and Wisconsin.
- 1.7 As used herein, **SBC-PACIFIC**, means the applicable above listed ILEC doing business in California.
- 1.8 As used herein, **SBC-NEVADA**, means the applicable above listed ILEC doing business in Nevada.
- 1.9 The prices at which **SBC-12STATE** agrees to provide CLEC with DSL and HFPL are contained in the applicable Appendix and/or the applicable Commission ordered tariff where stated.

- 1.10 The prices, terms, and conditions herein are not applicable in **SNET**. **SNET**'s unbundled DSL offering may be found in the Commission-ordered Connecticut Access Service Tariff, Section 18.2.
- 1.11 **SBC-12STATE** agrees to provide CLEC with access to UNEs (including the unbundled xDSL Capable Loop and HFPL offerings) in accordance with the rates, terms and conditions set forth in this xDSL Attachment and the general terms and conditions applicable to UNEs under this Agreement, for CLEC to use in conjunction with its desired xDSL technologies and equipment to provide xDSL services to its end user customers.

## 2. DEFINITIONS

- 2.1 For purposes of this Appendix, a "loop" is defined as a transmission facility between a distribution frame (or its equivalent) in a central office and the loop demarcation point at an end user customer premises.
- 2.2 For purposes of this Appendix, a "subloop" is defined as any portion of the loop from **SBC-12STATE**'s F1/F2 interface to the demarcation point at the customer premise that can be accessed at a terminal in **SBC-12STATE**'s outside plant. An accessible terminal is a point on the loop where technicians can access the wire or fiber within the cable without removing a splice closure to reach the wire within. The Parties recognize that this is only one form of subloop (defined as the F1/F2 interface to the customer premise) as set forth in the FCC's Third Report and Order and Fourth Further Notice of Proposed Rulemaking in CC Docket No. 96-986 (FCC 99-238), including the FCC's Supplemental Order issued In the Matter of the Local Competition Provisions of the Telecommunications Act of 1996, in CC Docket No. 96-98 (FCC 99-370) (rel. November 24, 1999) ("the UNE Remand Order"). Additional subloop types may be negotiated and agreed to by the Parties consistent with the UNE Remand Order. Subloops discussed in this Appendix will be effective in accordance with the dates set out in the UNE Remand Order.
- 2.3 The term "**Digital Subscriber Line**" ("**DSL**") describes various technologies and services. The "x" in "xDSL" is a place holder for the various types of DSL services, including, but not limited to ADSL (Asymmetric Digital Subscriber Line), HDSL (High-Speed Digital Subscriber Line), IDSL (ISDN Digital Subscriber Line), SDSL (Symmetrical Digital Subscriber Line), UDSL (Universal Digital Subscriber Line), VDSL (Very High-Speed Digital Subscriber Line), and RADSL (Rate-Adaptive Digital Subscriber Line).
- 2.4 "**High Frequency Portion of the Loop**" ("**HFPL**") is defined as the frequency above the voice band on a copper loop facility that is being used to carry traditional POTS analog circuit-switched voice band transmissions. The FCC's Third Report and Order in CC Docket No. 98-147 and Fourth Report and Order in CC Docket No. 96-98 (rel. December 9, 1999) (the "Line Sharing Order") references the voice band

frequency of the spectrum as 300 to 3000 Hertz (and possibly up to 3400 Hertz) and provides that DSL technologies which operate at frequencies generally above 20,000 Hertz will not interfere with voice band transmission. **SBC-12STATE** shall only make the HFPL available to CLEC in those instances where **SBC-12STATE** also is providing retail POTS (voice band circuit switched) service on the same local loop facility to the same end user.

- 2.5 A loop technology that is **“presumed acceptable for deployment”** is one that either complies with existing industry standards, has been successfully deployed by another carrier in any state without significantly degrading the performance of other services, or has been approved by the FCC, any state commission, or an industry standards body.
- 2.6 A **“non-standard xDSL-based technology”** is a loop technology that is not presumed acceptable for deployment under Section 2.5 of this Appendix.
- 2.7 **“Continuity”** shall be defined as a single, uninterrupted path along a circuit, from the Minimum Point of Entry (MPOE) or other demarcation point to the Point of Interface (POI) located on the horizontal side of the Main Distribution Frame (MDF).
- 2.8 **“Proof of Continuity”** shall be determined by performing a physical fault test from the MPOE or other demarcation point to the POI located on the horizontal side of the MDF by providing a short across the circuit on the tip and ring, and registering whether it can be received at the far end. This test will be known hereafter as “Proof of Continuity” or “Continuity Test.”
- 2.9 **“xDSL Capable Loop”** is a loop that a CLEC may use to deploy xDSL technologies.
- 2.10 **“Acceptance Testing”** shall be defined as the joint testing for xDSL loops between **SBC-12STATE**’s Technician, its Local Operations Center (“LOC”), and the CLECs designated test representative for the purpose of verifying Continuity as more specifically described in Section 8.
- 2.11 **“Line Share Turn-Up Test”** shall be defined as the testing for HFPL by **SBC-12STATE** as more specifically described in Section 8.
- 2.12 Plan of Record for Pre-Ordering and Ordering of xDSL and other Advanced Services (**“Plan of Record” or “POR”**) refers to **SBC-12STATE**’s December 7, 1999 filing with the FCC, including any subsequent modifications or additions to such filing.
- 2.13 The **“Splitter”** is a device that divides the data and voice signals concurrently moving across the loop, directing the voice traffic through copper tie cables to the switch and the data traffic through another pair of copper tie cables to multiplexing equipment for delivery to the packet-switched network. The Splitter may be directly

integrated into the Digital Subscriber Line Access Multiplexer (DSLAM) equipment or may be externally mounted.

- 2.14 “Digital Subscriber Line Access Multiplexer” (“DSLAM”) is a piece of equipment that links end-user DSL connections to a single high-speed packet switch, typically ATM or IP.

### 3. GENERAL TERMS AND CONDITIONS RELATING TO UNBUNDLED xDSL-CAPABLE LOOPS

- 3.1 Unless otherwise noted, all references to “loop” in Sections 3.1 - 3.8 includes SBC-12STATE’s HFPL offering unless otherwise noted.
- 3.2 SBC-12STATE will provide a loop for CLEC to deploy xDSL technologies presumed acceptable for deployment or non-standard xDSL technology as defined in this Appendix. SBC-12STATE will not impose limitations on the transmission speeds of xDSL services; provided, however, SBC-12STATE does not guarantee transmission speeds, available bandwidth nor imply any service level. Consistent with the Line Sharing Order, CLEC may only deploy xDSL technologies on HFPL loops that do not cause significant degradation with analog voice band transmission.
- 3.3 SBC-12STATE shall not deny CLEC’s request to deploy any loop technology that is presumed acceptable for deployment pursuant to state or federal rules unless SBC-12STATE has demonstrated to the state commissions in accordance with FCC orders that CLEC’s deployment of the specific loop technology will significantly degrade the performance of other advanced services or traditional voice band services.
- 3.4 In the event the CLEC wishes to introduce a technology that has been approved by another state commission or the FCC, or successfully deployed elsewhere, the CLEC will provide documentation describing that action to SBC-12STATE and the state commission before or at the time of its request to deploy such technology within SBC-12STATE. The documentation should include the date of approval or deployment, any limitations included in its deployment, and a sworn attestation that the deployment did not significantly degrade the performance of other services.
- 3.5 In the event the CLEC wishes to introduce a technology that does not conform to existing industry standards and has not been approved by an industry standards body, the FCC, or a state commission, the burden is on the CLEC to demonstrate that its proposed deployment meets the threshold for a presumption of acceptability and will not, in fact, significantly degrade the performance of other advanced services or traditional voice band services.

### 3.6 Liability

- 3.6.1 Notwithstanding any other provision of this Appendix, each Party, whether a CLEC or SBC-12STATE, agrees that should it cause any non-standard xDSL technologies to be deployed or used in connection with or on SBC-12STATE facilities, the Party ("Indemnifying Party") will pay all costs associated with any damage, service interruption or other telecommunications service degradation, or damage to the other Party's ("Indemnitee") facilities. Notwithstanding any other provision of this Appendix, each Party ("Indemnifying Party") shall release, defend and indemnify the other Party ("Indemnitee") and hold Indemnitee harmless against any loss, or claim made by the Indemnifying Party's end-user, arising out of the negligence or willful misconduct of the Indemnitee, its agents, its end users, contractors, or others retained by such Party, in connection with Indemnitee's provision of splitter functionality under this Appendix.
- 3.6.2 For any technology, CLEC's use of any SBC-12STATE network element, or its own equipment or facilities in conjunction with any SBC-12STATE network element, will not materially interfere with or impair service over any facilities of SBC-12STATE, its affiliated companies or connecting and concurring carriers involved in SBC-12STATE services, cause damage to SBC-12STATE's plant, impair the privacy of a communications carried over SBC-12STATE's facilities or create hazards to employees or the public. Upon reasonable written notice and after a reasonable opportunity to cure, SBC-12STATE may discontinue or refuse service if CLEC violates this provision, provided that such termination of service will be limited to CLEC's use of the element(s) causing the violation. Subject to Section 9.3 for HFPL, SBC-12STATE will not disconnect the elements causing the violation if, after receipt of written notice and opportunity to cure, the CLEC demonstrates that their use of the network element is not the cause of the network harm. If SBC-12STATE does not believe the CLEC has made the sufficient showing of harm, or if

CLEC contests the basis for the disconnection, either Party must first submit the matter to dispute resolution under the Dispute Resolution Procedures set forth in this Appendix. Any claims of network harm by SBC-12STATE must be supported with specific and verifiable supporting information.

### 3.7 Indemnification

- 3.7.1 Covered Claim: Notwithstanding any other provisions of this Appendix, each Party ("Indemnifying Party") will release, indemnify, defend and hold harmless the other Party ("Indemnatee") from and against any loss, liability, claim, or damage, including but not limited to direct, indirect or consequential damages, made against Indemnatee by any telecommunications
- 3.7.2 service provider or telecommunications user (other than claims for damages or other losses made by an end-user of Indemnatee for which Indemnatee has sole responsibility and liability) caused, in whole or substantial part, by the use of non-standard xDSL technologies by the Indemnifying Party, or by the Indemnifying Party's provision of splitter functionality under this Appendix, or the Indemnifying Party's (i.e., CLEC's) retention of the loop used to provide the HFPL when the end user terminates voice service from Indemnatee (i.e., SBC-12STATE) and Indemnatee is requested by another telecommunications service provider to provide a voice grade service or facility to the end user.
- 3.7.3 Indemnifying Party is permitted to fully control the defense or settlement of any Covered Claim, including the selection of defense counsel. Notwithstanding the foregoing, the Indemnifying Party will consult with Indemnatee on the selection of defense counsel and consider any applicable conflicts of interest. Indemnifying Party is required to assume all costs of the defense and any loss, liability, claim or damage indemnified pursuant to Section 3.7.1 above and Indemnatee will bear no financial or legal responsibility whatsoever arising from such claims.
- 3.7.4 Indemnatee agrees to fully cooperate with the defense of any Covered Claim. Indemnatee will provide written notice to the Indemnifying Party of any Covered Claim at the address for notice set forth herein within ten days of receipt, and, in the case of receipt of service of process, will deliver such process to the Indemnifying Party not later than 10 business days prior to the date for response to the process. Indemnatee will provide to Indemnifying Party reasonable access to or copies of any relevant physical and electronic documents or records related to the deployment of non-standard xDSL technologies in the area affected by the claim, or the Indemnifying Party's provision of splitter functionality under this Appendix, all other documents or records determined to be discoverable, and all other relevant documents or records that defense counsel may reasonably request in preparation and defense of the Covered Claim. Indemnatee will further cooperate with the Indemnifying Party's investigation and defense of the Covered Claim by responding to the reasonable requests to make its employees with knowledge relevant to the Covered Claim available as witnesses for preparation and participation in discovery and trial during regular weekday business hours.

Indemnatee will promptly notify the Indemnifying Party of any settlement communications, offers or proposals received from claimants.

3.7.5 Indemnatee agrees that Indemnifying Party will have no indemnity obligation under 3.7.1 above, and Indemnatee will reimburse Indemnifying Party's defense costs, in any case in which Indemnifying Party's technology is determined not to be the cause of any of Indemnatee's liability and in any case in which the Indemnifying Party's provision of splitter functionality under this Appendix is determined not to be the cause of any of Indemnatee's liability.

3.8 Claims Not Covered: No Party hereunder agrees to indemnify or defend any other Party against claims based on the other Party's gross negligence or intentional misconduct.

#### **4. UNBUNDLED xDSL-CAPABLE LOOP OFFERINGS**

4.1 DSL-Capable Loops: For each of the loop types described in Sections 4.1.1 - 4.1.4 below, CLEC will, at the time of ordering, notify **SBC-12STATE** as to the Power Spectral Density (PSD) mask of the technology the CLEC will deploy.

4.1.1 2-Wire xDSL Loop: A 2-wire xDSL loop for purposes of this section, is a copper loop over which a CLEC may provision various DSL technologies. A copper loop used for such purposes will meet basic electrical standards such as metallic connectivity and capacitive and resistive balance, and will not include load coils, mid-span repeaters or excessive bridged tap (bridged tap in excess of 2,500 feet in length). However removal of load coils, repeaters or excessive bridged tap on an existing loop is optional, subject to conditioning charges, and will be performed at CLEC's request. The rates set forth in Appendix Pricing shall apply to this 2-Wire xDSL Loop.

4.1.2 2-Wire Digital Loop: A 2-Wire Digital Loop for purposes of this Section is 160 Kbps and supports Basic Rate ISDN (BRI) digital exchange services. The terms and conditions for the 2-Wire Digital Loop are set forth in the Appendix UNE and the rates in the associated Appendix Pricing.

4.1.3 IDSL Loop: An IDSL Loop for purposes of this Section is a 2-Wire Digital Loop transmission facility which supports IDSL services. The terms and conditions for the 2-Wire Digital Loop are set forth in the Appendix UNE. This loop also includes additional acceptance testing to insure the IDSL technology is compatible with the underlying Digital Loop Carrier system if present. IDSL is not compatible with all Digital Loop Carrier Systems and therefore this offering may not be available in all areas. The rates set forth in Appendix Pricing shall apply to this IDSL Loop.



- 4.1.4 4-Wire xDSL Loop: A 4-Wire xDSL loop for purposes of this section, is a copper loop over which a CLEC may provision DSL technologies. A copper loop used for such purposes will meet basic electrical standards such as metallic connectivity and capacitive and resistive balance, and will not include load coils, mid-span repeaters or excessive bridged tap (bridged tap in excess of 2,500 feet in length). However removal of load coils, repeaters or excessive bridged tap on an existing loop is optional and will be performed at CLEC's request. The rates set forth in Appendix Pricing shall apply to this 4-Wire xDSL Loop.
- 4.1.5 Sub-Loop: In locations where SBC-12STATE has deployed: (1) Digital Loop Carrier systems and an uninterrupted copper loop is replaced with a fiber segment or shared copper in the distribution section of the loop; (2) Digital Added Main Line ("DAML") technology to derive multiple voice-grade POTS circuits from a single copper pair; or (3) entirely fiber optic facilities to the end user, SBC-12STATE will make the following options available to CLEC:
- 4.1.5.1 Where spare copper facilities are available, and the facilities meet the necessary technical requirements for the provisioning of DSL, the CLEC has the option of requesting SBC-12STATE to make copper facilities available (subject to Section 4.6 below).
- 4.1.5.2 The CLEC has the option of collocating a DSLAM in SBC-12STATE's Remote Terminal ("RT") at the fiber/copper interface point, pursuant to collocation terms and conditions. When the CLEC collocates its DSLAM at SBC-12STATE RTs, SBC-12STATE will provide CLEC with unbundled access to subloops to allow CLEC to access the copper wire portion of the loop.
- 4.1.5.3 Where the CLEC is unable to obtain spare copper loops necessary to provision a DSL service, and SBC-12STATE has placed a DSLAM in the RT, SBC-12STATE must unbundle and provide access to its packet switching. SBC-12STATE is relieved of this unbundling obligation only if it permits a requesting CLEC to collocate its DSLAM in SBC-12STATE's remote terminal, on the same terms and conditions that apply to its own DSLAM. The rates set forth in Appendix Pricing shall apply to this subloop.
- 4.1.6 When SBC-12STATE is the provider of the retail POTS analog voice service on the same loop to the same end-user, HFPL access will be offered on loops that meet the loop requirements as defined in Sections 4.1.1-4.1.4 above. The CLEC will provide SBC-12STATE with the type of technology it seeks to deploy, at the time of ordering, including the PSD of the technology the CLEC will deploy. If the technology does not have a PSD

mask, CLEC shall provide SBC-12STATE with a technical description of the technology (including power mask) for inventory purposes.

- 4.1.6.1 xDSL technologies may only reside in the higher frequency ranges, preserving a “buffer zone” to ensure the integrity of voice band traffic.
- 4.2 When SBC-12STATE traditional retail POTS services are disconnected, SBC-12STATE will notify the CLEC that POTS service is being disconnected. The CLEC will determine whether the broadband service will be converted from a Line Sharing Circuit, or HFPL, to a full stand alone UNE loop or disconnected. All appropriate recurring and nonrecurring charges for the rearrangement and/or disconnect shall apply pursuant to Appendix Pricing.. Upon request of either Party, the Parties shall meet to negotiate rates, terms and conditions for such notification and disconnection.
- 4.3 SBC-12STATE shall be under no obligation to provide multi-carrier or multi-service line sharing arrangements as referenced in FCC 99-35, paragraph 75.
- 4.4 HFPL is not available in conjunction with a combination of network elements known as the platform or UNE-P (including loop and switch port combinations) or unbundled local switching or any arrangement where SBC-12STATE is not the retail POTS provider.
- 4.5 CLEC may provide voice and data services over the same loop by engaging in “line splitting” as set forth in paragraph 323-29 of the FCC’s Texas 271 Order (CC Docket 00-65 (FCC 00-238), released June 30, 2000). Consistent with that Order, SBC-12STATE shall not be required to provide low frequency voice service to CLEC “A” and high frequency data service to CLEC “B” on the same loop. Any line splitting between two CLECs shall be accomplished between those parties and shall not utilize the HFPL product, as defined in this Appendix, or any SBC-12STATE splitters. CLEC shall provide any splitters used for line splitting. To implement line splitting, CLEC may order, including using supporting OSS, loops, unbundled switching, collocator-to-collocator connections, and available cross-connects, under the terms and conditions set forth in this Appendix.
- 4.6 SBC-12STATE shall be under no obligation to provision xDSL capable loops in any instance where physical facilities do not exist. SBC-12STATE shall be under no obligation to provide HFPL where SBC-12STATE is not the existing retail provider of the traditional, analog voice service (POTS). This shall not apply where physical facilities exist, but conditioning is required. In that event, CLEC will be given the opportunity to evaluate the parameters of the xDSL or HFPL service to be provided, and determine whether and what type of conditioning should be performed. CLEC shall pay SBC-12STATE for conditioning performed at CLEC’s request pursuant to Sections 7.1 and 7.2 below.

- 4.7 For each loop (including the HFPL), CLEC shall at the time of ordering notify **SBC-12STATE** as to the PSD mask of the technology the CLEC intends to deploy on the loop. If and when a change in PSD mask is made, CLEC will immediately notify **SBC-12STATE**. Likewise, **SBC-12STATE** will disclose to CLEC upon request information with respect to the number of loops using advanced services technology within the binder and type of technology deployed on those loops. **SBC-12STATE** will use this formation for the sole purpose of maintaining an inventory of advanced services present in the cable sheath. If the technology does not fit within a national standard PSD mask (but still remains in the HFPL only), CLEC shall provide **SBC-12STATE** with a technical description of the technology (including power mask) for inventory purposes. Additional information on the use of PSD masks can be found in Section 10 below.
- 4.8 **SBC-12STATE** will not deny a requesting CLEC's right to deploy new xDSL technologies that do not conform to the national standards and have not yet been approved by a standards body (or otherwise authorized by the FCC, any state commission or which have not been successfully deployed by any carrier without significantly degrading the performance of other services) if the requesting CLEC can demonstrate to the Commission that the loop technology will not significantly degrade the performance of other advanced services or traditional voice band services.
- 4.8.1 Upon request by CLEC, **SBC-12STATE** will cooperate in the testing and deployment of new xDSL technologies or may direct the CLEC, at CLEC's expense, to a third party laboratory of CLEC's choice for such evaluation.
- 4.8.2 If it is demonstrated that the new xDSL technology will not significantly degrade the other advanced services or traditional voice based services, **SBC-12STATE** will provide a loop to support the new technology for CLEC as follows:
- 4.8.2.1 If the technology requires the use of a 2-Wire or a 4-Wire xDSL loop (as defined above), then **SBC-12STATE** will provide an xDSL loop at the same rates listed for a 2-Wire or 4-Wire xDSL loop and associated loop conditioning as needed; provided, however, conditioning on HFPL DSL circuits shall be provided consistent with the terms of Section 6.4.4 below.
- 4.8.2.2 In the event that a xDSL technology requires a loop type that differs from that of a 2-Wire or 4-Wire xDSL loop (as defined in this Attachment), the Parties make a good faith effort to arrive at an Agreement as to the rates, terms and conditions for an unbundled loop capable of supporting the proposed xDSL technology. If negotiations fail, any dispute between the Parties concerning the rates, terms and conditions for an unbundled loop capable of

supporting the proposed xDSL technology shall be resolved pursuant to the dispute resolution process provided for in this Appendix.

4.8.2.3 With the exception of HFPL access, which is addressed in Section 9 below, if **SBC-12STATE** or another CLEC claims that a service is significantly degrading the performance of other advanced services or traditional voice band services, then **SBC-12STATE** or that other CLEC must notify the causing carrier and allow that carrier a reasonable opportunity to correct the problem. Any claims of network harm must be supported with specific and verifiable supporting information. In the event that **SBC-12STATE** or a CLEC demonstrates to the Commission that a deployed technology is significantly degrading the performance of other advanced services or traditional voice band services, the carrier deploying the technology shall discontinue deployment of that technology and migrate its customers to technologies that will not significantly degrade the performance of such services.

4.8.3 Each Party must abide by Commission or FCC-approved spectrum management standards. **SBC-12STATE** will not impose its own standards for provisioning xDSL services. However, **SBC-12STATE** will publish non-binding Technical Publications to communicate current standards and their application as set forth in Paragraph 72 of FCC Order 99-48 (rel. March 31, 1999), FCC Docket 98-147.

## 5. HFPL: SPLITTER OWNERSHIP AND RESPONSIBILITIES

### 5.1 Splitter ownership:

5.1.1 Option 1: CLEC will own and have sole responsibility to forecast, purchase, install, inventory, provision and maintain splitters. When physically collocating, splitters shall be installed in the CLECs collocation arrangement area (whether caged or cageless) consistent with **SBC-12STATE**'s standard collocation practices and procedure. When virtually collocated, **SBC-12STATE** will install, provision and maintain splitters under the terms of virtual collocation.

5.1.2 Option 2: Without waiving its right to decline to provide splitters under any other prices, terms, and conditions, SBC voluntarily agrees to own, purchase, install, inventory, provision, maintain and lease splitters in accordance with the terms set forth herein, provided however that SWBT reserves the right to withdraw this voluntary offer upon a minimum of 6-months notification to CLEC.. SBC will determine where such SBC-owned splitters will be located in each central office. SBC owned splitters will be placed in a common area

accessible to CLECs if space is available. When placed in common areas accessible to CLECs, CLECs will have test access at the line side of the splitter. Upon CLEC's request, SBC will perform testing and repair at the SBC-owned splitter on behalf of CLEC. In the event that no trouble is found at the time of testing by SBC, CLEC shall pay SBC for such testing at the rates set forth in the interconnection agreement with the parties. CLEC will not be permitted direct physical access to the MDF or the IDF, for testing. Upon the request of either Party, the Parties shall meet to negotiate terms for additional test access capabilities.

5.1.2.1 SBC will agree to lease such splitters a line at a time subject to the following terms and conditions:

5.1.2.1.1 Forecasts: CLEC will provide SBC with a forecast of its demand for each central office prior to submitting its first LSR for that individual office and then every January and July thereafter (or as otherwise agreed to by both parties). CLEC's failure to submit a forecast for a given office may affect provisioning intervals. In the event CLEC fails to submit a forecast in a central office which does not have available splitter ports, SBC shall have an additional ten (10) business days to install CLEC's line sharing order after such time as the additional splitter equipment is installed in the SBC central office. For requests for SBC provided splitters in offices not provisioned in the initial deployment, all such requests, including forecasts, must be made in the CLECs Collocation Application. Installation intervals will be consistent with the collocation intervals for the applicable state.

5.1.2.1.2 Forecasts will be non-binding on both ILECs and CLECs. As such, SBC-12STATE will not face liability from failure to provision facilities if the cause is simply its reliance on non-binding forecasts.

5.1.2.2 Splitter provisioning will use standard SBC configuration cabling and wiring in SBC-12STATE locations. Connecting Block layouts will reflect standard recognizable arrangements and will be wired out in contiguous 100 pair complements, and numbered 1-100. All arrangements must be consistent with SBC-12STATE's Operational Support Systems ("OSS").

5.1.2.3 Splitter technology will adhere to established industry standards for technical, test access, common size, configurations and shelf arrangements.

5.1.2.4 All SBC-owned splitter equipment will be compliant with applicable national standards and NEBS Level 1.

5.1.2.5 When an end-user disconnects SBC's POTS service, SBC will advise the end user to also notify their data CLEC. SBC will also notify the CLEC of the disconnect and will reconfigure the loop to remove the splitter in order to conserve the splitter ports for future line sharing orders. CLEC shall pay a nonrecurring charge for any such reconfiguration. The loop reconfiguration will result in temporary downtime of the loop as the splitter is removed from the circuit. Upon request of either Party, the Parties shall meet to negotiate terms for such notification and disconnection.

5.1.2.6 SBC retains the sole right to select SBC-owned splitter equipment and installation vendors.

5.2 When physically collocated and choosing Option 1 above, splitters will be placed in traditional collocation areas as outlined in the physical collocation terms and conditions in this Appendix or applicable Commission-ordered tariff. In this arrangement, the CLEC will have test access to the line side of the splitter when the splitter is placed in an area commonly accessible by CLECs. It is recommended that the CLEC provision splitter cards that provide test port capabilities. When virtually collocated, **SBC-12STATE** will install the splitter in an **SBC-12STATE** bay and **SBC-12STATE** will access the splitter on behalf of the CLEC for line continuity tests. Additional testing capabilities (including remote testing) may be negotiated by the Parties.

5.3 Splitter provisioning will use standard SBC configuration cabling and wiring in **SBC-12STATE** locations. In situations where the CLEC owns the splitter, the splitter dataport and DSLAM will be hardwired to each other. Connecting Block layouts will reflect standard recognizable arrangements that will work with **SBC-12STATE** Operations Support Systems ("OSS").

5.4 Splitter technology needs to adhere to established industry standards for technical, test access, common size, configurations and shelf arrangements.

5.5 All splitter equipment must be compliant with applicable national standards and NEBS Level 1.

## **6. OPERATIONAL SUPPORT SYSTEMS: LOOP MAKEUP INFORMATION AND ORDERING**

6.1 **General:** **SBC-12STATE** will provide CLEC with nondiscriminatory access by electronic or manual means, to its loop makeup information set forth in **SBC-12STATE**'s Plan of Record. In the interim, loop makeup data will be provided as

set forth below. In accordance with the FCC's UNE Remand Order, CLEC will be given nondiscriminatory access to the same loop makeup information that SBC-12STATE is providing any other CLEC and/or SBC-12STATE's retail operations or its advanced services affiliate.

- 6.2 Loop Pre-Qualification: Subject to 6.1 above, SBC-12STATE's pre-qualification will provide a near real time response to CLEC queries. Until replaced with OSS access as provided in 6.1, SBC-12STATE will provide mechanized access to a loop length indicator via Verigate and DataGate in regions where Verigate/DataGate are generally available for use with xDSL-based, HFPL, or other advanced services. The loop length is an indication of the approximate loop length, based on a 26-gauge equivalent and is calculated on the basis of Distribution Area distance from the central office. This is an optional service to the CLEC and is available at no charge.
- 6.3 Loop Qualification: Subject to 6.1 above, SBC-12STATE will develop and deploy enhancements to its existing DataGate and EDI interfaces that will allow CLECs, as well as SBC-12STATE's retail operations or its advanced services affiliate, to have near real time electronic access as a preordering function to the loop makeup information. As more particularly described below, this loop makeup information will be categorized by three separate pricing elements: mechanized, manual, and detailed manual.
- 6.3.1 Mechanized loop qualification includes data that is available electronically and provided via an electronic system. Electronic access to loop makeup data through the OSS enhancements described in 6.1 above will return information in all fields described in SBC's Plan of Record when such information is contained in SBC-12STATE's electronic databases. CLEC will be billed a mechanized loop qualification charge for each xDSL capable loop order submitted at the rates set forth in Appendix Pricing.
- 6.3.2 Manual loop qualification requires the manual look-up of data that is not contained in an electronic database. Manual loop makeup data includes the following: (a) the actual loop length; (b) the length by gauge; (c) the presence of repeaters, load coils, bridged taps; and shall include, if noted on the individual loop record, (d) the total length of bridged taps; (e) the presence of pair gain devices, DLC, and/or DAML, and (f) the presence of disturbers in the same and/or adjacent binder groups. CLEC will be billed a manual loop qualification charge for each manual loop qualification requested at the rates set forth in Appendix Pricing.
- 6.3.3 Detailed manual loop qualification includes all fields as described in SBC's Plan of Record, including the fields described in fields 6.3.2 above. CLEC will be billed a detailed manual loop qualification charge for each detailed manual loop qualification requested at the rates set forth in Appendix Pricing.
- 6.4 All three categories of loop qualification are subject to the following:

- 6.4.1 If load coils, repeaters or excessive bridged tap are present on a loop less than 12,000 feet in length, conditioning to remove these elements will be performed without request and at no charge to the CLEC.
- 6.4.2 If a CLEC elects to have **SBC-12STATE** provide loop makeup through a manual process for information not available electronically, then the loop qualification interval will be 3-5 business days, or the interval provided to **SBC-12STATE**'s affiliate, whichever is less.
- 6.4.3 If the results of the loop qualification indicate that conditioning is available, CLEC may request that **SBC-12STATE** perform conditioning at charges set forth in Appendix Pricing. The CLEC may order the loop without conditioning or with partial conditioning if desired.
- 6.4.4 For HFPL, if CLEC's requested conditioning will degrade the customer's analog voice service, **SBC-12STATE** is not required to condition the loop. However, should **SBC-12STATE** refuse the CLEC's request to condition a loop, **SBC-12STATE** will make an affirmative showing to the relevant state commission that conditioning the specific loop in question will significantly degrade voice band services.

## 7. PROVISIONING

- 7.1 Provisioning: **SBC-12STATE** will not guarantee that the local loop(s) ordered will perform as desired by CLEC for xDSL-based, HFPL, or other advanced services, but will guarantee basic metallic loop parameters, including continuity and pair balance. CLEC-requested testing by **SBC-12STATE** beyond these parameters will be billed on a time and materials basis at the applicable tariffed rates. On loops where CLECs have requested that no conditioning be performed, **SBC-12STATE**'s maintenance will be limited to verifying loop suitability based on POTS design. For loops having had partial or extensive conditioning performed at CLEC's request, **SBC-12STATE** will verify continuity, the completion of all requested conditioning, and will repair at no charge to CLEC any gross defects which would be unacceptable based on current POTS design criteria and which do not result from the loop's modified design. For loops less than 12,000 feet, **SBC-12STATE** will remove load coils, repeaters, and excessive bridged tap at no charge to CLEC.
- 7.2 Subject to Section 6.4.4 above, CLEC shall designate, at the CLEC's sole option, what loop conditioning **SBC-12STATE** is to perform in provisioning the xDSL loop(s), subloop(s), or HFPL on the loop order. Conditioning may be ordered on loop(s), subloop(s), or HFPL of any length at the Loop conditioning rates set forth in the Appendix Pricing. The loop, subloop, or HFPL will be provisioned to meet the basic metallic and electrical characteristics such as electrical conductivity and capacitive and resistive balance.



- 7.3 The provisioning intervals are applicable to every xDSL loop and HFPL regardless of the loop length. The Parties will meet to negotiate and agree upon subloop provisioning intervals.
- 7.3.1 The provisioning and installation interval for xDSL-capable loops, where no conditioning is requested (including outside plant rearrangements that involve moving a working service to an alternate pair as the only possible solution to provide a DSL-capable loop), on orders for 1-20 loops per order or per end-user location, will be 5 business days, or the provisioning and installation interval applicable to **SBC-12STATE**'s tariffed xDSL-based services, or its affiliate's, whichever is less.
- 7.3.2 For CLEC orders of more than 20 xDSL-capable loops per order or per end user location where no conditioning is requested, the provisioning and installation interval will be 15 business days, or as agreed upon by the Parties.
- 7.3.3 The provisioning and installation intervals for xDSL-capable loops where conditioning is requested or outside plant rearrangements are necessary, as defined above, on orders for 1-20 loops per order or per end-user customer location, will be ten (10) business days, or the provisioning and installation interval applicable to **SBC-12STATE**'s tariffed xDSL-based services or its affiliate's xDSL-based services where conditioning is required, whichever is less.
- 7.3.4 Orders for more than 20 xDSL-capable loops per order which require conditioning will have a provisioning and installation interval agreed by the parties in each instance.
- 7.3.5 Orders to convert existing stand-alone DSL-capable UNE loops to line shared loops, regardless of quantity, will be handled as Special Projects. The interval for such conversions will be determined on a case-by-case basis and will be jointly agreed upon by the Parties.
- 7.3.6 The provisioning and installation interval for the HFPL UNE, where no conditioning is requested (including outside plant rearrangements that involve moving a working service to an alternate pair as the only possible solution to provide the HFPL UNE), on orders for 1-24 loops per order or per end-user location, will be 3 business days, or the provisioning and installation interval applicable to **SBC-12STATE**'s tariffed xDSL-based services, or its affiliate's, whichever is less.

- 7.3.7 For CLEC orders of 25 to 48 HFPL per order or per end user customer location where no conditioning is requested, the provisioning and installation interval will be 6 business days or as agreed upon by the parties.
- 7.3.8 For CLEC orders of 48 up to 99 HFPL per order or per end user location where no conditioning is requested, the provisioning and installation interval will be 7 business days, or as agreed upon by the Parties.
- 7.3.9 For CLEC orders of more than 99 HFPL per order or per end user location where no conditioning is requested, the provisioning and installation interval will be as agreed upon by the Parties.
- 7.3.10 The provisioning and installation intervals for the HFPL UNE where conditioning is requested or outside plant rearrangements are necessary, as defined above, on orders for 1-24 HFPL per order or per end-user customer location, will be ten (10) business days, or the provisioning and installation interval applicable to **SBC-12STATE**'s tariffed xDSL-based services or its affiliate's xDSL-based services where conditioning is required, whichever is less.
- 7.3.11 For CLEC order of more than 24 HFPL per order or per end user location where conditioning is requested, the provisioning and installation interval will be as agreed upon by the Parties.
- 7.3.12 For HFPL orders, intervals are contingent upon CLEC's end user customer release of the voice grade circuit during normal working hours. In the event the end user customer should require conditioning during non-working hours, the due date may be adjusted consistent with end user release of the voice grade circuit and out-of-hours charges may apply.
- 7.3.13 Subsequent to the initial order for a xDSL capable loop, subloop, or HFPL additional conditioning may be requested on such loop(s) at the rates set forth in the Appendix Pricing and the applicable service order charges will apply; provided, however, when requests to add or modify conditioning are received for a pending xDSL capable loop(s) order, no additional service order charges shall be assessed, but the due date may be adjusted if necessary to meet standard offered provisioning intervals. The provisioning interval for additional requests for conditioning pursuant to this subsection will be the same as set forth above. In addition, CLEC agrees that standard offered intervals do not constitute performance measurement commitments.
- 7.3.14 The CLEC, at its sole option, may request shielded cabling between network elements and frames within the central office for use with 2-wire xDSL loop or HFPL when used to provision ADSL over a DSL-capable loop or HFPL provided for herein at the rates set forth in the Appendix Pricing. Tight Twist

cross-connect wire will be used on all identified DSL services on all central office frames.

## 8. TESTING

- 8.1 SBC-12STATE and the CLEC agree to implement Acceptance Testing during the provisioning cycle for xDSL loop delivery. When SBC-12STATE provides HFPL, continuity is generally assumed as SBC-12STATE retail POTS service is operating at the time of the order. Generally, SBC-12STATE would not dispatch to provision HFPL, thus would not have a technician at the customer site to perform an acceptance test. However, SBC-12STATE will perform the routine Line Sharing Turn-Up Testing prior to the completion of a HFPL order.
- 8.2 Should the CLEC desire Acceptance Testing, it shall request such testing on a per xDSL loop basis upon issuance of the Local Service Request (LSR). Acceptance Testing will be conducted at the time of installation of the service request.
  - 8.2.1 If the LSR was placed without a request for Acceptance Testing, and the CLEC should determine that it is desired or needed during any subsequent phase of provisioning, the request may be added at any time; however, this may cause a new standard due date to be calculated for the service order.
- 8.3 Acceptance Testing Procedure:
  - 8.3.1 Upon delivery of a loop to/for the CLEC, SBC-12STATE's field technician will call the LOC and the LOC tester will call a toll free number provided by the CLEC to initiate performance of a series of Acceptance Tests.
    - 8.3.1.1 For 2-wire digital loops that are not provisioned through repeaters or digital loop carriers, the SBC-12STATE field technician will provide a solid short across the tip and ring of the circuit and then open the loop circuit.
    - 8.3.1.2 For 2-wire digital loops that are provisioned through repeaters or Digital Loop Carrier, the SBC-12STATE field technician will not perform a short or open circuit due to technical limitations.
  - 8.3.2 If the loop passes the "Proof of Continuity" parameters, as defined by this Appendix for DSL loops, the CLEC will provide SBC-12STATE with a confirmation number and SBC-12STATE will complete the order. The CLEC will be billed for the Acceptance Test as specified below under Acceptance Testing Billing at the applicable rates as set forth in Appendix Pricing.
  - 8.3.3 If the Acceptance Test fails loop Continuity Test parameters, as defined by this Appendix for DSL loops, the LOC technician will take any or all reasonable steps to immediately resolve the problem with the CLEC on the

line including, but not limited to, calling the central office to perform work or troubleshooting for physical faults. If the problem cannot be resolved in an expedient manner, the technician will release the CLEC representative, and perform the work necessary to correct the situation. Once the loop is correctly provisioned, SBC-12STATE will re-contact the CLEC representative to repeat the Acceptance Test. When the aforementioned test parameters are met, the CLEC will provide SBC-12STATE with a confirmation number and SBC-12STATE will complete the order. If CLEC xDSL service does not function as desired, yet test parameters are met, SBC-12STATE will still close the order. SBC-12STATE will not complete an order that fails Acceptance Testing.

- 8.3.4 Until such time as the CLEC and SBC-12STATE agree, or industry standards establish, that their test equipment can accurately and consistently send signals through repeaters or Digital Loop Carriers, the CLEC agrees to accept 2-wire digital loops, designed with such reach extenders, without testing the complete circuit. Consequently, SBC-12STATE agrees that should the CLEC open a trouble ticket and an SBC-12STATE network fault be found by standard testing procedures on such a loop within ten (10) business days (in which it is determined by standard testing to be an SBC-12STATE fault), SBC-12STATE, upon CLEC request, will adjust the CLEC's bill to refund the recurring charge of such a loop until the fault has been resolved and the trouble ticket is closed.
- 8.3.5 SBC-12STATE will be relieved of the obligation to perform Acceptance Testing on a particular loop and will assume acceptance of the loop by the CLEC when the CLEC cannot provide a "live" representative (through no answer or placement on hold) for over ten (10) minutes. SBC-12STATE may then close the order utilizing existing procedures, document the time and reason, and may bill the CLEC as if the Acceptance Test had been completed and the loop accepted, subject to Section 8.4 below.
- 8.3.6 If, however, a trouble ticket is opened on the loop within 24 hours and the trouble resulted from SBC-12STATE error as determined through standard testing procedures, the CLEC will be credited for the cost of the Acceptance Test. Additionally, the CLEC may request SBC-12STATE to re-perform the Acceptance Test at the conclusion of the repair phase again at no charge. This loop will not be counted as a successful completion for the purposes of the calculations discussed in Section 8.4 below.
- 8.3.7 Both Parties declare they will work together, in good faith, to implement Acceptance Testing procedures that are efficient and effective. If the Parties mutually agree to additional testing, procedures and/or standards not covered by this Appendix or any Public Utilities Commission or FCC ordered tariff, the Parties will negotiate terms and conditions to implement such additional testing, procedures and/or standards. Additional charges may apply if any

accepted changes in Acceptance Testing procedures require additional time and/or expense.

#### 8.4 Acceptance Testing Billing

8.4.1 The CLEC will be billed for Acceptance Testing upon the effective date of this Appendix for loops that are installed correctly by the committed interval without the benefit of corrective action due to acceptance testing.

#### 8.5 Cooperative Testing: (**SBC-13STATE**)

<b>REGION</b>	<b>TARIFF</b>
Ameritech	FCC No. 2; Sec. 13.3.4 (C)(1)(a)
Nevada Bell*	FCC No. 1; Sec. 13.3.5 (B)(1)
Pacific Bell	FCC No. 128; Sec. 13.3.5 (C)(1)(a)
Southwestern Bell	FCC No. 73; Sec. 13.4.8 (A)

\* Nevada Bell Charges represent I/R Technicians and Central Office Maintenance respectively.

\*\*Rates subject to tariff changes.

8.5.1 **SBC-13STATE** and CLEC agree to implement Cooperative Testing during the repair and maintenance cycle of xDSL capable loops delivery.

8.5.2 Should CLEC desire Cooperative Testing, it shall request such testing on a trouble ticket on each xDSL capable loop upon issuance of the trouble ticket.

8.5.3 If the trouble ticket was opened without a request for Cooperative Testing, and the CLEC should determine that it is desired or needed during any subsequent phase of maintenance and repair, the request may be added; however, a new due date will be calculated to account for the additional work.

#### 8.5.4 Cooperative Testing Procedure:

8.5.4.1 The **SBC-13STATE** field technician will call the LOC and the LOC will contact the CLEC for test and resolution of the trouble ticket and to verify basic metallic loop parameters including proof of continuity and pair balance.

8.5.4.2 If the loop passes the "Proof of Continuity" parameters, as defined by this Appendix for DSL capable loops, the technician will close out the trouble report and the LOC will bill for the cooperative testing.

8.5.4.3 If the Cooperative testing fails "Proof of Continuity" parameters, as defined by this Appendix for DSL capable loops, the LOC technician will take any reasonable steps to immediately resolve the problem with the CLEC on the line including, but not limited to,

calling the central office to perform work or troubleshooting for physical faults. If the problem cannot be resolved in an expedient manner, the technician will release the CLEC representative, and perform the work reasonably necessary to bring the loop to standard continuity parameters as defined by this Appendix for xDSL capable loops. When the aforementioned test parameters are met, the LOC will contact the CLEC for another cooperative testing.

8.5.4.4 **SBC-13STATE** will be relieved of the obligation to perform Cooperative Testing on a particular loop and will assume acceptance of the test by the CLEC when the CLEC cannot provide a “live” representative (through no answer or placement on hold) for over ten (10) minutes. **SBC-13STATE** may then close the trouble ticket, document the time and reason, and may bill the CLEC as if the Cooperative Test had been completed.

8.6 The charges for Acceptance and Cooperative Testing are provided in Appendix PRICING and/or the applicable tariff.

8.6.1 If requested by the CLEC, Overtime or Premium time charges will apply for Acceptance Testing requests in off-hours at overtime time charges calculated at one and one half times the standard price and premium time being calculated at two times the standard price.

8.7 Line Sharing Turn-Up Testing Procedures:

8.7.1 The Line Sharing Turn-Up Test will be performed only on HFPL orders. Line Sharing Turn-Up Test is comprised of several work steps to be completed by **SBC-12STATE**'s central office technician to ensure that no loads are present on the loop, cross-connects are verified, and the correct telephone number is verified on the cable pair leaving the central office.

8.7.2 Line Sharing Turn-Up Test will be completed by close of business one (1) day prior to due date.

8.7.3 Detailed procedures of this Line Sharing Turn-Up Test can be located in SBC's CLEC Handbook. CLECs will not be billed for the Line Sharing Turn-Up Test described in 8.7.1 above.

## 9. MAINTENANCE /SERVICE ASSURANCE

9.1 If requested by either Party, the parties will negotiate in good faith to arrive at terms and conditions for Acceptance Testing on repairs.

- 9.2 Narrowband/voice service: If the narrowband, or voice, portion of the loop becomes significantly degraded due to the broadband or high frequency portion of the loop, certain procedures as detailed below will be followed to restore the narrowband, or voice service. Should only the narrowband or voice service be reported as significantly degraded or out of service, SBC-12STATE shall repair the narrowband portion of the loop without disturbing the broadband portion of the loop if possible. In any case, SBC-12STATE shall attempt to notify the end user and CLEC for permission any time SBC-12STATE repair effort has the potential of affecting service on the broadband portion of the loop. SBC-12STATE may proceed with repair of the voice circuit if unable to reach end- user after a reasonable attempt has been made to do so. When connected facility assignment or additional point of termination (CFA/APOT) change is required due to trouble, the pair change will be completed during the standard offered repair interval. CLEC agrees that standard offered intervals do not constitute performance measurement commitments.
- 9.3 SBC-12STATE will provide resolution of CLEC-referred trouble tickets for the HFPL in parity with repair intervals SBC-12STATE provides its advanced services affiliates for the HFPL.
- 9.3.1 If the CLEC opens a trouble ticket for the HFPL portion of the loop to SBC-12STATE and the problem is determined to be in the CLEC's network, the CLEC will pay SBC-12STATE the applicable commissioned-ordered tariffed rate for trouble isolation, maintenance, and repair (as specified in Section 8.5 above) upon closing the trouble ticket.
- 9.3.2 SBC-owned line splitters:
- 9.3.2.1 SBC-12STATE will offer a 24-hour clearing time, excluding weekends and holidays, or parity with the repair intervals SBC-12STATE provides its advanced services affiliates, whichever is less, for trouble reports on the HFPL only referred by CLEC where the voice service has not been impacted after such trouble has been isolated to the SBC-12STATE central office.
- 9.3.3 CLEC-owned line splitters:
- 9.3.3.1 If SBC-12STATE isolates a trouble (causing significant degradation or out of service condition to the POTS service) caused by the CLEC data equipment or splitter, SBC-12STATE will notify the CLEC and request a trouble ticket and a committed restoration time from CLEC for clearing the reported trouble.
- 9.3.4 Either Party may offer the End User the option of restoring the POTS line if the End User is not satisfied with the repair interval provided by the CLEC. If the End User chooses to have the POTS line restored before the HFPL problem can be corrected and notifies either CLEC or SBC-12STATE, the

contacted Party will notify the other and provide contact names prior to SBC-12STATE “cutting around” the POTS Splitter/DSLAM equipment to restore POTS.

- 9.3.5 When the CLEC resolves the trouble condition in its equipment, the CLEC will contact SBC-12STATE to restore the HFPL.
- 9.3.6 In the event the trouble is identified and corrected in the CLEC equipment, SBC-12STATE will charge the CLEC the applicable commissioned-ordered tariffed rate for trouble isolation, maintenance, and repair (as specified in Section 8.5 above) upon closing the trouble ticket.
- 9.4 Maintenance, other than assuring loop continuity and balance on unconditioned or partially conditioned loops greater than 12,000 feet, will only be provided on a time and material basis. On loops where CLEC has requested recommended conditioning not be performed, SBC-12STATE’s maintenance will be limited to verifying loop suitability for POTS. For loops having had partial or extensive conditioning performed at CLEC’s request, SBC-12STATE will verify continuity, the completion of all requested conditioning, and will repair at no charge to CLEC any gross defects which would be unacceptable for POTS and which do not result from the loop’s modified design. For loops under 12,000 feet, SBC-12STATE will remove load coils, repeaters and excessive bridge tap at no charge.
- 9.5 An SBC-12STATE will provide CLECs access to its legacy Mechanized Loop Testing (MLT) system and its inherent testing functions. Prior to a CLEC utilizing MLT intrusive test scripts, the CLEC must have established data service on that loop and have specifically informed the customer that service testing will interrupt both the data and voice telephone services served by that line. CLEC may not perform intrusive testing without having first obtained the express permission of the end user customer and the name of the person providing such permission. CLEC shall make a note on the applicable screen space of the name of the end user customer providing permission for such testing before initializing any intrusive test or so note such information on the CLEC’s trouble documentation for non-mechanized tests.
- 9.6 CLEC hereby agrees to assume any and all liability for any such intrusive testing it performs, including the payment of all costs associated with any damage, service interruption, or other telecommunications service degradation or damage to SBC-12STATE facilities and hereby agrees to release, defend and indemnify SBC-12STATE, and hold SBC-12STATE harmless, from any claims for loss or damages, including but not limited to direct, indirect or consequential damages, made against SBC-12STATE by an end user customer, any telecommunications service provider or telecommunications user relating to such testing by CLEC.
- 9.7 SBC-12STATE will not guarantee that the local loop (s) ordered will perform as desired by CLEC for xDSL-based or other advanced services, but will guarantee basic metallic loop parameters, including continuity and pair balance. CLEC-



requested testing by **SBC-12STATE** beyond these parameters will be billed on time and material basis as set forth in the tariff rates listed above.

- 9.8 The CLEC shall not rearrange or modify the retail-POTS within its equipment in any way without first coordinating with **SBC-12STATE**.

## 10. SPECTRUM MANAGEMENT

- 10.1 CLEC will advise **SBC-12STATE** of the PSD mask approved or proposed by T1.E1 that reflect the service performance parameters of the technology to be used. The CLEC, at its option, may provide any service compliant with that PSD mask so long as it stays within the allowed service performance parameters. At the time of ordering a xDSL-capable loop, CLEC will notify **SBC-12STATE** as to the type of PSD mask CLEC intends to use on the ordering form, and if and when a change in PSD mask is made, CLEC will notify **SBC-12STATE**. CLEC will abide by standards pertinent for the designated PSD mask type.
- 10.2 **SBC-12STATE** agrees that as a part of spectrum management, it will maintain an inventory of the existing services provisioned on the cable. **SBC-12STATE** may not segregate xDSL technologies into designated binder groups without Commission review and approval, or approved industry standard. **SBC-12STATE** shall not deny CLEC a loop based upon spectrum management issues, subject to 10.3 below. In all cases, **SBC-12STATE** will manage the spectrum in a competitively neutral manner consistent with all relevant industry standards regardless of whether the service is provided by a CLEC or by **SBC-12STATE**, as well as competitively neutral as between different xDSL services. Where disputes arise, **SBC-12STATE** and CLEC will put forth a good faith effort to resolve such disputes in a timely manner. As a part of the dispute resolution process, **SBC-12STATE** will, upon request from a CLEC, disclose within 3-5 business days information with respect to the number of loops using advanced services technology within the binder group and the type of technology deployed on those loops so that the involved parties may examine the deployment of services within the affected loop plant.
- 10.3 In the event that the FCC or the industry establishes long-term standards and practices and policies relating to spectrum compatibility and spectrum management that differ from those established in this Appendix, **SBC-12STATE** and CLEC agree to comply with the FCC and/or industry standards, practices and policies and will establish a mutually agreeable transition plan and timeframe for achieving and implementing such industry standards, practices and policies.
- 10.4 Within thirty (30) days after general availability of equipment conforming to applicable industry standards or the mutually agreed upon standards developed by the industry in conjunction with the Commission or FCC, then **SBC-12STATE** and/or CLEC must begin the process of bringing its deployed xDSL technologies and equipment into compliance with such standards at its own expense.

## **11. RESERVATION OF RIGHTS**

- 11.1 The Parties acknowledge and agree that on May 24, 2002, the United States Court of Appeals for the District of Columbia Circuit issued its decision in *United States Telecom Association, et. al v. FCC*, No. 00-101, in which the Court granted the petitions for review of the Federal Communications Commission's ("FCC") Third Report and Order and Fourth Further Notice of Proposed Rulemaking in CC Docket No. 96-98 (FCC 99-238) ("the UNE Remand Order") and the FCC's Third Report and Order in CC Docket No. 98-147 and Fourth Report and Order in CC Docket No. 96-98 (FCC 99-355) (rel. December 9, 1999) ("the Line Sharing Order"), specifically vacated the Line Sharing Order, and remanded both these orders to the FCC for further consideration in accordance with the decision. In addition, the FCC has also issued the following orders: its Memorandum Opinion and Order, and Notice of Proposed Rulemaking, FCC 98-188 in CC Docket No. 98-147 (rel. August 7, 1998), its First Report and Order and Further Notice of Proposed Rulemaking, FCC 99-48 in CC Docket 98-147 (rel. March 31, 1999), its Supplemental Order *In the Matter of the Local Competition Provisions of the Telecommunications Act of 1996*, (FCC 99-370) (rel. November 24, 1999) and its Supplemental Order Clarification, (FCC 00-183) (rel. June 2, 2000), in CC Docket 96-98 and its Third Report and Order on Reconsideration and Third Further Notice of Proposed Rulemaking in CC Docket No. 98-147 and its Fourth Report and Order on Reconsideration and Sixth Further Notice of Proposed Rulemaking in CC Docket 96-98 (rel. January 19, 2001) (collectively the "Orders"). By entering into this Agreement which makes available the HFPCL and associated rates, terms and conditions, neither Party waives any of its rights with respect to such Orders. The Parties further acknowledge and agree that the rates, terms and conditions set forth herein are subject to any legal or equitable rights of review and remedies (including agency reconsideration and court review). If any reconsideration, agency order, appeal, court order or opinion, stay, injunction or other action by any state or federal regulatory body or court of competent jurisdiction stays, modifies, or otherwise affects any of the rates, terms and conditions herein, specifically including those arising with respect to the Orders or any other proceeding, the affected provision will be immediately invalidated, modified or stayed as required to effectuate the subject order upon written request of either Party. In such event, the Parties shall have sixty (60) days from the effective date of the order to attempt to negotiate and arrive at an agreement on the appropriate conforming modifications required to the Agreement. If the Parties are unable to agree upon the conforming modifications required within sixty (60) days from the effective date of the order, any disputes between the Parties concerning the interpretations of the actions required or the provisions affected by such order shall be handled under the Dispute Resolution Procedures set forth in this Agreement.

## **12. APPLICABILITY OF OTHER RATES, TERMS AND CONDITIONS**

- 12.1 Every interconnection, service and network element provided hereunder, shall be subject to all rates, terms and conditions contained in this Agreement which are

legitimately related to such interconnection, service or network element. Without limiting the general applicability of the foregoing, the following terms and conditions of the General Terms and Conditions are specifically agreed by the Parties to be legitimately related to, and to be applicable to, each interconnection, service and network element provided hereunder: definitions, interpretation, construction and severability; notice of changes; general responsibilities of the Parties; effective date, term and termination; fraud; deposits; billing and payment of charges; non-payment and procedures for disconnection; dispute resolution; audits; disclaimer of representations and warranties; limitation of liability; indemnification; remedies; intellectual property; publicity and use of trademarks or service marks; no license; confidentiality; intervening law; governing law; regulatory approval; changes in End User local exchange service provider selection; compliance and certification; law enforcement; no third party beneficiaries; disclaimer of agency; relationship of the Parties/independent contractor; subcontracting; assignment; responsibility for environmental contamination; force majeure; taxes; non-waiver; network maintenance and management; signaling; transmission of traffic to third parties; customer inquiries; expenses; conflicts of interest; survival; scope of agreement; amendments and modifications; and entire agreement.

## **APPENDIX LIDB AND CNAM SERVICE**

**TABLE OF CONTENTS**

<b>1. INTRODUCTION .....</b>	<b>3</b>
<b>2. DEFINITIONS.....</b>	<b>4</b>
<b>3. DESCRIPTION OF SERVICE.....</b>	<b>4</b>
<b>4. PRICE AND PAYMENT.....</b>	<b>6</b>
<b>5. OWNERSHIP OF INFORMATION.....</b>	<b>8</b>
<b>6. TERM AND TERMINATION.....</b>	<b>9</b>
<b>7. LIMITATION OF LIABILITY .....</b>	<b>10</b>
<b>8. COMMUNICATION AND NOTICES .....</b>	<b>12</b>
<b>9. CONFIDENTIALITY .....</b>	<b>12</b>
<b>10. MUTUALITY .....</b>	<b>12</b>
<b>11. APPLICABILITY OF OTHER RATES, TERMS AND CONDITIONS .....</b>	<b>12</b>

## APPENDIX LIDB AND CNAM SERVICE

### 1. INTRODUCTION

- 1.1 This Appendix sets forth the terms and conditions for Line Information Data Base (LIDB) Service and/or Calling Name Database Service provided by the applicable SBC Communications Inc. (SBC) owned Incumbent Local Exchange Carrier (ILEC) and CLEC.
- 1.2 Neither **SBC-AMERITECH** nor **SNET** own a LIDB. Additionally, **SNET** does not own a CNAM Database. Both **SBC-AMERITECH** and **SNET** obtain these services from SNET Diversified Group (SNET DG). SNET DG is a third-party Database provider of LIDB and CNAM Database Services, which also provides Database storage and administration for other carriers not a party to this Agreement. The terms, conditions, and prices for query access in this Agreement will apply to CLEC's Query access of **SBC-AMERITECH**'s and **SNET**'s data on SNET DG's Database. Query access to all other data on SNET DG's LIDB and CNAM Database will be pursuant to an agreement between CLEC and SNET DG. Any use of the possessive in this Agreement as applied to **SBC-AMERITECH** and **SNET** will not indicate ownership but shall have the relationship described in this paragraph 1.2.
- 1.3 SBC Communications Inc. (SBC) means the holding company which owns the following ILECs: Illinois Bell Telephone Company, Indiana Bell Telephone Company Incorporated, Michigan Bell Telephone Company, Nevada Bell Telephone Company, The Ohio Bell Telephone Company, Pacific Bell Telephone Company, The Southern New England Telephone Company, Southwestern Bell Telephone, L.P. d/b/a Southwestern Bell Telephone Company and/or Wisconsin Bell, Inc. d/b/a Ameritech Wisconsin.
- 1.4 As used herein, **SBC-13STATE** means the applicable above listed ILECs doing business in Arkansas, California, Connecticut, Illinois, Indiana, Kansas, Michigan, Missouri, Nevada, Ohio, Oklahoma, Texas, and Wisconsin.
- 1.5 As used herein, **SBC-12STATE** means the applicable above listed ILECs doing business in Arkansas, California, Connecticut, Illinois, Indiana, Kansas, Michigan, Missouri, Ohio, Oklahoma, Texas, and Wisconsin.
- 1.6 As used herein, **SBC-SWBT** means the applicable above listed ILECs doing business in Arkansas, Kansas, Missouri, Oklahoma, and Texas.
- 1.7 As used herein, **SBC-AMERITECH** means the applicable above listed ILECs doing business in Illinois, Indiana, Michigan, Ohio, and Wisconsin.
- 1.8 As used herein, **PACIFIC** means the applicable above listed ILECs doing business in California.

- 1.9 As used herein, **SNET** means the applicable above listed ILECs doing business in Connecticut.

## **2. DEFINITIONS**

- 2.1 **“Database (or Data Base)”** means an integrated collection of related data. In the case of LIDB and the CNAM Database, the database is the line number and related line information.
- 2.2 **“Account Owner”** means a telecommunications company, including **SBC-13STATE** that stores and/or administers Line Record Information and/or Group Record Information in a Party’s LIDB and/or Calling Name Database.
- 2.3 **“Personal Identification Number” (PIN)** means a confidential four-digit code number provided to a calling card customer to prevent unauthorized use of his/her calling card number. LIDB and/or the LIDB administrative system can store a PIN for those line numbers that have an associated calling card.
- 2.4 **“Query”** means a message that represents a request to a Database for information.
- 2.5 **“Query Rate”** means a per-query usage rate that applies to each Query received at an **SBC-12STATE** Database.
- 2.6 **“Query Transport Rate”** means a per-query usage rate that applies to certain Queries transported from an **SBC-12STATE** STP to the SCP where LIDB and/or the CNAM Database resides and back.
- 2.7 **“Response”** means a message that, when appropriately interpreted, represents an answer to a Query.

## **3. DESCRIPTION OF SERVICE**

- 3.1 LIDB Service and/or CNAM Query provides CLEC with certain line information that CLEC may use to facilitate completion of calls or services. **SBC-12STATE** provides LIDB Service Validation and Originating Line Number Screening (OLNS) Queries pursuant to the terms and conditions specified in the following tariffs:
- 3.1.1 Tariff FCC No. 2 (applicable only to **SBC-AMERITECH**)
- 3.1.2 Tariff FCC No. 73 (applicable only to **SBC-SWBT**)
- 3.1.3 Tariff SNET Connecticut Access Tariff (applicable only to **SNET**)
- 3.1.4 Tariff FCC No. 128 (applicable only to **PACIFIC**)

- 3.2 **SBC-12STATE** will provide CLEC with access to **SBC-12STATE**'s CNAM Database for CNAM Query except **SBC-AMERITECH** will provide access to its CNAM Database after May 17, 2000. CNAM Query allows CLEC to retrieve the name associated with a calling number for use in CLEC's Calling Name Delivery Service (CNDS).
- 3.3 All CLEC CNAM Queries to **SBC-12STATE**'s CNAM Database shall use a translations type of 005 and a subsystem number in the calling party address field that is mutually agreed upon by the Parties. CLEC acknowledges that such subsystem number and translation type values are necessary for **SBC-12STATE** to properly process Queries to its CNAM Database.
- 3.4 CLEC acknowledges that CCS/SS7 network overload due to extraordinary volumes of Queries and/or other SS7 network messages can and will have a detrimental effect on the performance of **SBC-12STATE**'s CCS/SS7 network. CLEC further agrees that **SBC-12STATE**, at its sole discretion, shall employ certain automatic and/or manual overload controls within **SBC-12STATE**'s CCS/SS7 network to guard against these detrimental effects. **SBC-12STATE** 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 immediate corrective actions as are necessary to cure the conditions causing the overload situation.
- 3.5 Prior to **SBC-12STATE** initiating service under this Appendix, CLEC shall provide an initial forecast of busy hour Query volumes by LIDB Service Application, including CNAM Query. If, prior to the establishment of a mutually agreeable service effective date in writing, **SBC-12STATE**, at its sole discretion, determines that it lacks adequate processing capability to provide LIDB Service and/or CNAM Query to CLEC, **SBC-12STATE** shall notify CLEC of **SBC-12STATE**'s intent not to provide the services under this Appendix and this Appendix will be void and have no further effect. Such termination will be without penalty to **SBC-12STATE**.
- 3.6 CLEC will update its busy hour forecast for each upcoming calendar year (January - December) by October 1 of the preceding year. CLEC shall provide such updates each year that this Appendix is in effect; provided, the obligation to provide updates shall not extend for longer than the first three (3) years this Appendix is in effect, if it is in effect that long or longer.
- 3.7 CLEC understands that access to **SBC-12STATE**'s LIDB and/or CNAM Database may not provide CLEC with access to all of the data of all Account Owners in **SBC-12STATE**'s LIDB and/or CNAM Database. When a region in **SBC-12STATE** implements LIDB Data Screening by Account Owner, certain Account Owners may choose to limit or restrict CLEC from accessing their data. CLEC understands that **SBC-12STATE** will comply with Account Owners' requests to so limit or restrict



their data. Should CLEC desire access to any restricted Account Owner's LIDB Information, CLEC understands that any requests and negotiations for such access to the Account Owner's LIDB Information will be between CLEC and said Account Owner.

- 3.8 Account Owners are solely responsible for the accuracy and completeness of the Line Records they store in **SBC-12STATE**'s LIDB and/or CNAM Database; accordingly **SBC-12STATE** is not responsible for the accuracy or completeness of those Line Records. CLEC will resolve any disputes regarding data accuracy with the appropriate Account Owner.
- 3.9 **SBC-12STATE** provides LIDB Service and/or CNAM Database as set forth in this Appendix only as such services are used for CLEC's activities on behalf of CLEC's local service customers where **SBC-13STATE** is the incumbent local exchange carrier. CLEC agrees that any use of **SBC-12STATE**'s LIDB, for the provision of LIDB Service Applications and/or CNAM Query by CLEC outside of the area where **SBC-13STATE** is the incumbent local exchange carrier, will not be pursuant to the terms, conditions, rates, and charges of this Appendix or Agreement.

#### 4. PRICE AND PAYMENT

- 4.1 CLEC will pay **SBC-12STATE** a per-Query rate for each Query initiated into **SBC-12STATE**'s LIDB and/or CNAM Database. CLEC will also pay **SBC-12STATE** a per-Query Transport Rate for each Validation and OLNS Query initiated into **SBC-12STATE**'s LIDB and for each CNAM Query initiated into **SBC-SWBT**'s LIDB. These rates are set forth in Appendix Pricing.
- 4.2 CLEC will pay a Service Establishment Nonrecurring Charge for each point code CLEC requests to activate, change, rearrange, or modify for its LIDB Service and/or CNAM Query and is set forth in Appendix Pricing. This nonrecurring charge applies per point code.
- 4.3 CLEC will also pay a Service Order Nonrecurring Charge for each request for service order activity to establish, change, rearrange, or modify LIDB Service, LIDB Service Application, and/or CNAM Query in **SBC-SWBT** and **SBC-AMERITECH**. The Service Order Nonrecurring Charge is set forth in Appendix Pricing.
- 4.4 CLEC will make payment to **SBC-12STATE** for LIDB Service and/or CNAM Query based upon the rates set forth in Appendix Pricing. All tariffed rates associated with LIDB Services and/or CNAM Query provided hereunder are subject to change effective with any revisions of such tariffs.
- 4.5 Except as set forth in Section 4.11, **SBC-12STATE** will record usage information for CLEC's LIDB Service Queries and/or CNAM Queries terminating to **SBC-12STATE**'s LIDB. **SBC-12STATE** will use its SCPs as the source of usage data.

- 4.6 If there is a dispute associated with a monthly bill, the disputing Party will notify the other in writing within ninety (90) calendar days of the date of said monthly bill or the dispute shall be waived. Each Party agrees that any amount of any monthly bill that that Party disputes will be paid by that Party as set forth in Section 8 of the General Terms and Conditions of this Agreement.
- 4.7 CLEC will notify SBC-12STATE when CLEC discontinues use of an OPC used to Query LIDB and/or CNAM Database.
- 4.8 SBC-12STATE will apply all applicable Nonrecurring Charges to changes in previously established OPCs (other than disconnects of OPCs) as set forth in Sections 4.2 and 4.3.
- 4.9 Both Parties understand and agree that when CLEC uses a single OPC to originate Queries to SBC-12STATE's LIDB and/or CNAM Database, neither Party can identify to the other, at the time the Query and/or Response takes place, when such Queries support CLEC's CLEC operations within SBC-12STATE's incumbent serving areas and when such Queries support other uses of CLEC's service platforms.
- 4.10 If CLEC operates in more than one (1) State in SBC-SWBT's or SBC-AMERITECH's incumbent region(s), SBC-SWBT and/or SBC-AMERITECH will apply company-level rates to the LIDB Services and/or CNAM Query provided to CLEC under this Agreement. SBC-SWBT and/or SBC-AMERITECH will develop these company-level rates based upon the rates established in the relevant States in their incumbent region(s) and an analysis of comparative usage of each state's LIDB and/or CNAM information.
- 4.11 The following applies only to PACIFIC:
- 4.11.1 Except as set forth in Sections 4.11.2 through 4.11.6, PACIFIC will record usage information for CLEC's LIDB Service Queries terminating to PACIFIC's LIDB. PACIFIC will use its SCPs as the source of usage data.
- 4.11.2 Until such time as PACIFIC has the usage recording ability set forth in Section 4.5 above, CLEC will provide PACIFIC with usage information from which PACIFIC will bill CLEC for both CLEC's access and CLEC's Query-originating carrier customers' access to PACIFIC's Calling Name Database and to PACIFIC's LIDB for OLNS Queries. CLEC will provide such information to PACIFIC on a monthly basis by a date agreed to by PACIFIC and CLEC. CLEC will deliver such information to locations specified by PACIFIC. If CLEC uses a third-party's network to access PACIFIC's Calling Name Database and/or PACIFIC's LIDB for OLNS Queries, and CLEC's third-party network provider can record and provide PACIFIC with recordings of CLEC's usage, PACIFIC will accept such

usage provided that the requirements in this Section 4.11 will apply to CLEC's third-party network provider.

- 4.11.3 CLEC will provide to, or cause to be provided to, **PACIFIC** CNAM Query and/or OLNS Query usage information at no additional charge to **PACIFIC**. CLEC will either aggregate such usage by Originating Point Code or CLEC will provide **PACIFIC** with reports that identifies usage by Originating Point Code. CLEC and **PACIFIC** will agree upon the format and media type that CLEC will use to provide such usage data to **PACIFIC**. CLEC understands and agrees that **PACIFIC** cannot identify access by Account Owner until **PACIFIC** has the capability set forth in Section 4.5 above. When **PACIFIC** has the ability set forth in Section 4.5 above, **PACIFIC** will bill CLEC based upon **PACIFIC**'s own usage recordings as set forth in Section 4.5 above.
- 4.11.4 **PACIFIC** will have the right to audit, at its expense, all source documents, systems, records, and procedures, to verify usage Information submitted by CLEC.
- 4.11.5 While the provisions in Section 4.11 are in effect, CLEC agrees that **PACIFIC** will bill CLEC for all CNAM Queries and/or OLNS Queries CLEC originate or transports to **PACIFIC**'s network. CLEC will recover from its Query-originating carrier customers (if any) any charges associated with their access to **PACIFIC**'s Calling Name Database or **PACIFIC**'s LIDB for OLNS Queries, including such charges from **PACIFIC**. CLEC agrees that it will not bill its Query-originating carrier customers for any usage that CLEC has not reported to **PACIFIC** for billing. Once **PACIFIC** has the ability set forth in Section 4.5 above, **PACIFIC** and CLEC will jointly determine which, if any, of CLEC's Query-originating carrier customers will be direct-billed from **PACIFIC** as set forth in Section 4.5 above.
- 4.11.6 Based upon the data identified in Section 4.5 of this Appendix, **PACIFIC** will bill CLEC for its LIDB Service Queries on a monthly basis.

## **5. OWNERSHIP OF INFORMATION**

- 5.1 Telecommunications companies depositing information in **SBC-12STATE**'s LIDB and/or CNAM Database (i.e., Account Owners) retain full and complete ownership and control over such information. CLEC obtains no ownership interest by virtue of this Appendix.
- 5.2 Unless expressly authorized in writing by the Parties, CLEC will use LIDB Service and/or CNAM Query only for purposes described in this Appendix. CLEC may use LIDB Service and/or CNAM Query for such authorized purposes only on a call-by-call basis. CLEC may not store for future use any non-CLEC data that CLEC access from **SBC-12STATE**'s LIDB. **SBC-12STATE** agrees that CLEC may use reports

on LIDB usage and LIDB usage statistics and information similar to LIDB usage statistics to bill its carrier customers and to estimate CLEC's facilities usage needs, and for engineering, capacity, and network planning. CLEC agrees that SWBT **SBC-12STATE** may use statistics for the same purposes. CLEC may aggregate individual LIDB statistics regarding the number of CLEC's LIDB Queries and similar type of information during a specified time period, such as a month or a year. CLEC will only publish such statistics in aggregate form and will ensure that the all non-CLEC names are redacted and cannot reasonably be identified from the published materials.

- 5.3 Proprietary information residing in **SBC-12STATE**'s LIDB and/or CNAM Database is protected from unauthorized access and CLEC may not store such information in any table or database for any reason. All information that is related to alternate billing service is proprietary. Examples of proprietary information are as follows:

5.3.1 Billed (Line/Regional Accounting Office (RAO)) Number

5.3.2 PIN Number(s)

5.3.3 Billed Number Screening (BNS) indicators

5.3.4 Class of Service (also referred to as Service or Equipment)

5.3.5 Reports on LIDB and CNAM Query usage

5.3.6 Information related to billing for LIDB and CNAM Query usage

5.3.7 LIDB and CNAM Query usage statistics

- 5.4 CLEC will not copy, store, maintain, or create any table or database of any kind based upon information receives in a Response from **SBC-12STATE**'s LIDB and/or CNAM Database.

- 5.5 If CLEC acts on behalf of other carriers, CLEC will prohibit its Query-originating carrier customers from copying, storing, maintaining, or creating any table or database of any kind based upon information they receive in a Response from **SBC-12STATE**'s LIDB and/or CNAM Database.

## 6. TERM AND TERMINATION

- 6.1 This Appendix shall remain in effect unless the Interconnection Agreement is terminated (in which event this Appendix is automatically terminated simultaneously) or this Appendix is terminated separately from the Interconnection Agreement as a whole by either Party upon written notice give ninety (90) days in advance of the termination date.

- 6.2 If a Party materially fails to perform its obligations under this Appendix, the other Party, after notifying the non-performing Party of the failure to perform and allowing that Party thirty (30) days after receipt of the notice to cure such failure, may cancel this Appendix upon written notice.
- 6.3 Notwithstanding anything to the contrary in this Appendix, if legal or regulatory decisions or rules compel **SBC-12STATE** or CLEC to terminate the Appendix, **SBC-12STATE** and CLEC shall have no liability to the other in connection with such termination.

## 7. LIMITATION OF LIABILITY

- 7.1 Party's sole and exclusive remedy against the other Party for injury, loss or damage caused by or arising from anything said, omitted or done in connection with this Appendix regardless of the form of action, whether in contract or in tort (including negligence or strict liability) shall be the amount of actual direct damages and in no event shall exceed the amount paid for LIDB Service if the damages are related to LIDB service and the amount paid for LIDB Service if damages are related to LIDB service.
- 7.2 The remedies as set forth above in this Appendix shall be the exclusive remedy against a Party, its affiliates, subsidiaries or parent corporation, (including their directors, officers, employees or agents).
- 7.3 In no event shall **SBC-12STATE** have any liability for system outage or inaccessibility, or for losses arising from the unauthorized use of the data by LIDB Service and/or CNAM Query purchasers.
- 7.4 **SBC-12STATE** is furnishing access to its LIDB and/or CNAM Database to facilitate CLEC's provision of services to its End Users, but not to insure against the risk of non-completion of any call. While **SBC-12STATE** agrees to make every reasonable attempt to provide accurate LIDB and/or CNAM Database information, the Parties acknowledge that Line Record information is the product of routine business service order activity and/or fraud investigations. CLEC acknowledges that **SBC-12STATE** can furnish Line Record information only as accurate and current as the information has been provided to **SBC-12STATE** for inclusion in its LIDB and/or CNAM Database. Therefore, **SBC-12STATE**, in addition to the limitations of liability set forth, is not liable for inaccuracies in Line Record information provided to CLEC or to CLEC's Query originating carrier customers except for such inaccuracies caused by **SBC-12STATE**'s willful misconduct or gross negligence.

7.5 **LIABILITY PROVISIONS APPLICABLE TO CALLING NAME INFORMATION SERVICE:**

7.5.1 CALLING NAME INFORMATION PROVIDED TO CLEC BY **SBC-12STATE** HEREUNDER SHALL BE PROVIDED "AS IS". **SBC-12STATE** MAKES NO WARRANTY, EXPRESS OR IMPLIED, REGARDING THE ACCURACY OR COMPLETENESS OF THE CALLING NAME INFORMATION REGARDLESS OF WHOSE CALLING NAME INFORMATION IS PROVIDED. AND, **SBC-12STATE** IN ADDITION TO ANY OTHER LIMITATIONS OF LIABILITY SET FORTH IN THIS AGREEMENT, SHALL NOT BE HELD LIABLE FOR ANY LIABILITY, CLAIMS, DAMAGES OR ACTIONS INCLUDING ATTORNEYS' FEES, RESULTING DIRECTLY OR INDIRECTLY FROM ACTS OR OMISSIONS IN CONNECTION WITH CLEC'S OR CLEC'S END USERS' USE OF THE CALLING NAME INFORMATION.

7.6 CLEC acknowledges that **SBC-12STATE**'s 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. CLEC also acknowledges that certain local telephone service subscribers may require their name information to be restricted, altered, or rendered unavailable. Therefore, **SBC-12STATE**, in addition to any other limitations of liability set forth in this Agreement, is not liable for any liability, claims, damages or actions including attorney's fees, resulting directly or indirectly from the content of any Calling Name Information contained in **SBC-12STATE**'s Calling Name Database and provided to CLEC or CLEC's query-originating carrier customers, except for such content related claims, damages, or actions resulting from **SBC-12STATE**'s willful misconduct or gross negligence.

7.7 CLEC acknowledges 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.

7.8 CLEC acknowledges its responsibility to, and agrees that it will abide by, the blocking/unblocking information it receives in SS7 protocol during call set-up. CLEC agrees not to attempt to obtain the caller's name information by originating a

Query to **SBC-12STATE**'s Calling Name Database when call set-up information indicates that the caller has requested blocking of the delivery of his or her name and/or number. CLEC also agrees not to block delivery of Calling Name Information on calls from blocked lines when the caller has requested unblocking. Therefore, **SBC-12STATE**, in addition to the limitations of liability set forth in this Section 7, is not liable for any failure by CLEC or CLEC's Query-originating carrier customers to abide by the caller's desire to block or unblock delivery of Calling Name Information, and CLEC agrees, in addition to any other indemnity obligations set forth in this Agreement, to hold **SBC-12STATE** harmless from and defend and indemnify **SBC-12STATE** for any and all liability, claims, damages, actions, costs losses, or expenses, including attorney's fees, resulting directly or indirectly from CLEC's or CLEC's Query-originating carrier customers' failure to block or unblock delivery of the Calling Name Information when appropriate indication is provided, except for such privacy-related claims, damages or actions caused by **SBC-12STATE**'s willful misconduct or gross negligence.

## **8. COMMUNICATION AND NOTICES**

- 8.1 Ordering and billing inquiries for the services described herein from **SBC-12STATE** shall be directed to the Local Service Center (LSC).

## **9. CONFIDENTIALITY**

- 9.1 The Parties' Proprietary Information is subject to the terms and conditions of Section 20 of the General Terms and Conditions in this Agreement.

## **10. MUTUALITY**

- 10.1 CLEC agrees to make its Line Record Information available to **SBC-12STATE**. Should CLEC store its Line Record information in a database other than **SBC-12STATE**'s, CLEC will make such Information available to **SBC-12STATE** through an industry standard technical interface and on terms and conditions set forth by applicable tariff or by a separate agreement between **SBC-12STATE** and the database provider. **SBC-12STATE** agrees to negotiate in good faith to reach such an agreement. If **SBC-12STATE** is unable to reach such agreement, chooses not to enter into an agreement with such a database provider, or chooses to discontinue using the services of such database provider, CLEC acknowledges that such CLEC Line Record information will be unavailable to any customer, including any CLEC's customer, that is served by **SBC-12STATE**'s service platforms (e.g., Operator Service Systems, Signaling Transfer Points, and/or switches).

## **11. APPLICABILITY OF OTHER RATES, TERMS AND CONDITIONS**

- 11.1 Every interconnection, service and network element provided hereunder, shall be subject to all rates, terms and conditions contained in this Agreement which are legitimately related to such interconnection, service or network element. Without

limiting the general applicability of the foregoing, the following terms and conditions of the General Terms and Conditions are specifically agreed by the Parties to be legitimately related to, and to be applicable to, each interconnection, service and network element provided hereunder: definitions, interpretation, construction and severability; notice of changes; general responsibilities of the Parties; effective date, term and termination; fraud; deposits; billing and payment of charges; non-payment and procedures for disconnection; dispute resolution; audits; disclaimer of representations and warranties; limitation of liability; indemnification; remedies; intellectual property; publicity and use of trademarks or service marks; no license; confidentiality; intervening law; governing law; regulatory approval; changes in End User local exchange service provider selection; compliance and certification; law enforcement; no third party beneficiaries; disclaimer of agency; relationship of the Parties/independent contractor; subcontracting; assignment; responsibility for environmental contamination; force majeure; taxes; non-waiver; network maintenance and management; signaling; transmission of traffic to third parties; customer inquiries; expenses; conflicts of interest; survival; scope of agreement; amendments and modifications; and entire agreement.



## **APPENDIX LIDB and CNAM – AS**

## TABLE OF CONTENTS

1. INTRODUCTION .....	3
2. DEFINITIONS .....	4
3. GENERAL DESCRIPTION .....	4
4. SERVICE DESCRIPTION .....	7
5. MANNER OF PROVISIONING .....	15
6. BILLING.....	22
7. PRICE AND PAYMENT.....	23
8. CONFIDENTIALITY.....	22
9. LIABILITY .....	23
10. DISCLAIMER OF WARRANTIES.....	24
11. APPLICABILITY OF OTHER RATES, TERMS AND CONDITIONS .....	24

## APPENDIX LIDB and CNAM - AS

### 1. INTRODUCTION

- 1.1 This Appendix sets forth the terms and conditions for storage and administration of data in the Line Information Data Base (LIDB) provided by the applicable SBC Communications Inc. (SBC) owned Incumbent Local Exchange Carrier (ILEC) and CLEC.
- 1.2 AMERITECH, SNET, and NEVADA do not own a LIDB. Additionally, SNET does not own a Calling Name (CNAM) Database. Both AMERITECH and SNET obtain data storage and administration for these Databases from SNET Diversified Group (SNET DG). SNET DG is a third-party Database provider of LIDB and CNAM Database Services, which also provides Database storage for other carriers not a party to this Agreement. The terms, conditions, and prices for LIDB and/or CNAM Database data storage and administration in this Agreement will apply to CLEC's data storage and administration of CLEC's Line Records for accounts provided using AMERITECH's and/or SNET's unbundled local switch ports as well as to accounts provided by CLEC's own switches pursuant to an Interconnection Agreement between CLEC and AMERITECH and/or SNET. Data storage and administration for all other data on SNET DG's LIDB and CNAM Database must be obtained pursuant to a separate agreement between CLEC and SNET DG.
- 1.3 NEVADA obtains data storage and administration for LIDB and CNAM Database from PACIFIC, which also provides Database storage and administration for other carriers not a party to this Agreement. The terms, condition's and prices for LIDB and/or CNAM data storage and administration in this Agreement will apply to CLEC's data storage and administration of CLEC's Line Records for accounts provided using NEVADA's unbundled local switch ports as well as to accounts provided by CLEC's own switches and connected to NEVADA's network pursuant to an Interconnection Agreement between Nevada and CLEC. Data storage and administration for all other data on PACIFIC's LIDB and CNAM Database must be obtained pursuant to a separate agreement between CLEC and PACIFIC.
- 1.4 Any use of the possessive in this Agreement as applied to AMERITECH, SNET, and NEVADA will not indicate ownership but shall have the relationship described in this Section 1.4.
- 1.5 **SBC Communications Inc. (SBC)** means the holding company which owns the following ILECs: Illinois Bell Telephone Company, Indiana Bell Telephone Company Incorporated, Michigan Bell Telephone Company d/b/a Ameritech Michigan, Nevada Bell Telephone Company d/b/a SBC Nevada Bell Telephone Company, The Ohio Bell Telephone Company, Pacific Bell Telephone Company d/b/a SBC Pacific Bell Telephone Company, The Southern New England Telephone Company, Southwestern Bell Telephone, L.P. d/b/a Southwestern Bell Telephone Company and/or Wisconsin Bell, Inc. d/b/a Ameritech Wisconsin.

- 1.6 As used herein, SBC-13STATE means the applicable above listed ILECs doing business in Arkansas, California, Connecticut, Illinois, Indiana, Kansas, Michigan, Missouri, Nevada, Ohio, Oklahoma, Texas, and Wisconsin.
- 1.7 As used herein, SBC-12STATE means the applicable above listed ILECs doing business in Arkansas, California, Connecticut, Illinois, Indiana, Kansas, Michigan, Missouri, Ohio, Oklahoma, Texas, and Wisconsin.
- 1.8 As used herein, SWBT means the applicable above listed ILECs doing business in Arkansas, Kansas, Missouri, Oklahoma, and Texas.
- 1.9 As used herein, AMERITECH means the applicable above listed ILECs doing business in Illinois, Indiana, Michigan, Ohio, and Wisconsin.
- 1.10 As used herein, PACIFIC means the applicable above listed ILECs doing business in California.
- 1.11 As used herein, SNET means the applicable above listed ILECs doing business in Connecticut.

## 2. DEFINITIONS

- 2.1 **“Billing Clearinghouse”** means a billing and collection service bureau for Interexchange Carriers and other telecommunication companies which become members and wish to arrange for the billing and collection of services provided to End Users.
- 2.2 **“Account Owner”** means a telecommunications company, including SBC-13STATE that provides an End User’s local service and such company stores and/or administers the End User’s associated Line Record Information and/or Group Record Information in a Party’s LIDB and/or Calling Name Database.
- 2.3 **“Administer or Administration”** means, for the purpose of this Appendix, the ability of an Account Owner to create, modify, update, or delete its Line Record information in LIDB through interfaces agreed to between the Parties.
- 2.4 **“Assignment Authority”** means a nine- to thirty-digit code-set that identifies an authorization hierarchy (also known as an object identifier). The format of the nine-digit code set is A-B-CCCC-DDD where “A” represents an international standards body, “B” represents a national standards body, “CCCC” represents a network operator, and “DDD” represents a local assignment. For code-sets from ten to thirty digits, the “DDD” section of the code is expanded to include the extra digits. An Assignment Authority plus a Custom ID comprise the unique identifier of a LIDB Custom Data Element.

- 2.5 **“Complete Screen”** means that the Query-originator was denied access to all of the information it requested in its Query.
- 2.6 **“Custom Data Element”** means a Data Element that applies to a specific LIDB or to a specific Account Owner on a specific LIDB. Custom Data Elements do not have a Transaction Capabilities Application Part (TCAP) ID. Instead, they have a unique combination of Assignment Authority and Custom ID. Custom Data Elements are not defined by Telcordia Technologies’ Generic Requirements. Validation, Originating Line Number Screening (OLNS), and CNAM Queries cannot retrieve custom Data Elements.
- 2.7 **“Custom ID”** means a unique two- to five-digit code-set assigned by a LIDB owner to each Custom Data Element stored in a LIDB. A Custom ID plus an Assignment Authority comprise the unique identifier of a LIDB Custom Data Element.
- 2.8 **“Data Clearinghouse”** means a service bureau for companies that arrange for the collection of data from various sources to arrange for the billing and/or provisioning of services that require data from multiple sources, including LIDB.
- 2.9 **“Data Element”** means a Line Record informational component that has a unique identifier. Data Elements are identified either as Custom Data Elements or as Standard Elements depending on the type of unique identifier.
- 2.10 **“Data Screening (or LIDB Data Screening)”** means a security capability administered by a LIDB owner that gives LIDB the ability to allow, deny, or limit the information returned to a Query-originator.
- 2.11 **“Database (or Data Base)”** means an integrated collection of related data. In the case of LIDB, the database is the line number and related line information as well as the service logic that provides the transactional processing capability.
- 2.12 **“GetData”** means the capability of a LIDB owner to process and respond to GetData Queries as well as to create Custom Data Elements and Standard Data Elements accessible via GetData Query processing logic.
- 2.13 **“GetData Query”** means a specific LIDB Query-type transmitted over the CCS/SS7 network that allows a Query-originator to invoke LIDB GetData query processing logic and thereby extract data from LIDB.
- 2.14 **“Level 1 Data Screening”** means a security capability administered by a LIDB owner that gives LIDB the ability to allow, deny, or limit the information it returns to a Query-originator on a per Data Element, per Query-Type, and per LIDB basis.
- 2.15 **“Level 2 Data Screening”** means a security capability that is Administered by a LIDB owner at the direction or request of an Account Owner or Query Originator.

This capability gives LIDB the ability to allow, deny, or limit the information it returns to a Query-originator on a per Data Element, per Query-Type, per Account Owner, and per LIDB basis.

- 2.16 **“Originating Line Number Screening (OLNS)”** means a specific LIDB Query-type that requests the originating call processing, billing, and service profiles of an telephone number.
- 2.17 **“Originating Point Code (OPC)”** means a 9-digit code that identifies the Service Platform from which a Query originates and to which a Response is returned.
- 2.18 **“Partial Screen”** means that the Query-originator, as identified in the appropriate layer of the query/message, is denied access to some of the information it requested in its Query.
- 2.19 **“Personal Identification Number” (PIN)** means a confidential four-digit code number provided to a calling card customer to prevent unauthorized use of his/her calling card number. LIDB and/or the LIDB administrative system can store a PIN for those line numbers that have an associated calling card.
- 2.20 **“Query”** means a message that represents a request to a Database for information.
- 2.21 **“Query Transport Rate”** means a per-query usage rate that applies to certain Queries transported from an **SBC-12STATE** STP to the SCP where LIDB resides and back.
- 2.22 **“Response”** means a message that, when appropriately interpreted, represents an answer to a Query.
- 2.23 **“Standard Data Element”** means a data element in LIDB that has a unique Transaction Capabilities Application Part (TCAP) ID and is defined in Telcordia Technologies’ Generic Requirements documentation.
- 2.24 **“Terminating Point Code”** means a 9-digit code that identifies the network node that will receive a Query or a Response.
- 2.25 **“Service Platform”** means the physical platform that generates GetData Queries and is identified to LIDB by an Originating Point Code contained in the Query. A service platform may be a telephony switch, an SCP, or any other platform capable of correctly formatting and launching GetData Queries and receiving the associated Response.
- 2.26 **“Validation Information”** means an Account Owner’s records of all of its Calling Card Service and Toll Billing Exception Service.

- 2.27 “**Validation Query**” means collectively both Calling Card Query and Billed Number Screening (BNS) Query.

### 3. GENERAL DESCRIPTION

- 3.1 SBC-12STATE’s LIDB is connected directly to a Service Management System (SMS) and a database editor (i.e., LIDB Editor) that provide SBC-12STATE with the capability of creating, modifying, changing, or deleting, Line Records in LIDB. SBC-12STATE’s LIDB is also connected directly to an adjunct fraud monitoring system.
- 3.2 From time-to-time, SBC-12STATE enhances its LIDB to create new services and/or LIDB capabilities. Such enhancements may involve the creation of new line-level or group-level data elements in LIDB. Both Parties understand and agree that some LIDB enhancements will require CLEC to update its Line Records with new or different information. Nothing herein shall require SBC-12STATE to make any enhancements to its LIDB except at its sole discretion.

### 4. SERVICE DESCRIPTION

- 4.1 Unbundled electronic access to the LIDB SMS provides CLEC with the capability to access and Administer CLEC’s Line Record Information in LIDB. Unbundled electronic access to the LIDB SMS is required for CLEC accounts associated with End Users that CLEC services from non-SBC end office switches and is optional for CLEC’s accounts associated with unbundled local switch ports.
- 4.2 CLEC cannot use any of the unbundled, electronic interfaces SBC-12STATE provides under this Appendix to access any Line Records CLEC might have in SBC-12STATE’s LIDB that are Administered by a company other than CLEC or that CLEC Administers through the Local Service Request (LSR) Process (as that term is discussed in Section 4.7).
- 4.3 Electronic Interfaces - Where available, SBC-12STATE has two unbundled electronic interfaces. These interfaces are the Service Order Entry Interface and the Interactive Interface.
- 4.3.1 Service Order Entry Interface
- 4.3.1.1 The Service Order Entry Interface provides switch-based CLECs with unbundled access to SBC-12STATE’s LIDB SMS that is equivalent to SBC-12STATE’s own service order entry process. Service Order Entry Interface allows CLEC to electronically transmit properly formatted records from CLEC’s service order process or other data source into the LIDB SMS. SWBT also provides the Service Order Entry Interface to requesting CLECs that use SWBT’s UNE local switch ports. PACIFIC,

AMERITECH, and SNET will also provide the Service Order Entry Interface to requesting CLECs that use those ILEC's UNE local switch ports within one hundred eighty days (180) upon request unless otherwise offered earlier.

- 4.3.1.2 CLEC will access the Service Order Entry Interface through a remote access facility (RAF). The RAF will provide SBC-12STATE with a security gateway for CLEC's access to the Service Order Entry Interface. The RAF will verify the validity of CLEC's transmissions and limit CLEC's access to SBC-12STATE's Service Order Entry Interface. CLEC does not gain access to any other interface, database, operations support system, or other SMS.
- 4.3.1.3 SBC-12STATE 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 SBC-12STATE to provide CLEC with Data Base administration and storage.
- 4.3.1.4 CLEC can choose the Service Order Entry Interface as its only unbundled electronic interface to a SBC-12STATE's LIDB SMS or CLEC can choose to use this interface in conjunction with the Interactive Interface that SBC-12STATE provides under this Appendix. CLEC understands that if it chooses to use only the Service Order Entry Interface, CLEC will not have access to any data Administration capabilities available solely to the Interactive Interface that CLEC has chosen not to use (e.g., the ability to view Line Records in the SMS).
- 4.3.1.5 CLEC understands and agrees that its access to SBC-12STATE's LIDB SMS through the Service Order Entry Interface will be limited to its subscribers' Line Records that are not assigned to SBC-12STATE for Administration through the LSR Process.

#### 4.3.2 Interactive Interface

- 4.3.2.1 The Interactive Interface provides CLEC with unbundled access to PACIFIC's and -SWBT's LIDB SMS that is equivalent to PACIFIC's and SWBT's access at its LIDB Data Base Administration Center (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 Records, CLEC can perform all of the data Administration tasks PACIFIC's and/or



SWBT's LIDB DBAC personnel can perform on PACIFIC's and/or SWBT's own Line Records. AMERITECH and SNET will provide CLEC with an Interactive Interface within one hundred twenty days (120) upon request unless otherwise offered earlier.

- 4.3.2.2 CLEC's access to the LIDB SMS through the Interactive Interface will be limited to CLEC's subscribers' Line Records that are not Administered through the LSR Process.
- 4.3.2.3 CLEC's access to the Interactive Interface will be through a remote access facility (RAF). The RAF will provide a security gateway for CLEC's access to the Interactive Interface. The RAF will verify the validity of CLEC's transmissions and limit CLEC's access to the Interactive Interface and the LIDB SMS. CLEC does not gain access to any other interface, database, operations support system, or other SMS through this Appendix.
- 4.3.2.4 CLEC will use hardware and software that is compatible with the LIDB administrative system CLEC will access through the Interactive Interface.
- 4.3.2.5 CLEC can choose to request the Interactive Interface as its only unbundled electronic interface to a LIDB SMS or CLEC can choose to use this interface in conjunction with the Service Order Entry Interface that SBC-12STATE provides under this Appendix. CLEC understands and agrees that if it chooses to use only the Interactive Interface, CLEC will not have access to any data Administration capabilities available solely to the Service Order Entry Interface that CLEC has chosen not to use.

#### 4.4 Data Migration Interface

- 4.4.1 The Data Migration Interface provides CLEC the ability to migrate its entire data store from SBC-12STATE to another LIDB and/or CNAM Database provider.
- 4.4.2 Data Migration Interface is available for Line Records associated with switch-based CLECs that have electronic unbundled access to SBC-12STATE's LIDB SMS.
- 4.4.3 When CLEC is migrating its Line Record information to another LIDB and/or CNAM Database provider, CLEC will coordinate its move with the new Database provider.

- 4.4.3.1 CLEC will coordinate a meeting between its new Database provider and SBC-12STATE's LIDB system administrators to establish all dates for the exchange of Line Record information. CLEC is responsible for initiating all updates to network routing information such as the Calling Name Access Routing Guide (CNARG), LIDB Access Routing Guide (LARG), and Number Portability Administration Center (NPAC).
- 4.4.3.2 CLEC will use its electronic unbundled interface(s) to delete all Line Records from SBC-12STATE's LIDB and/or CNAM Database according to the schedule established by its new Database provider. Alternatively, CLEC may request SBC-12STATE to delete its records, however, such requests must be made in writing and may require CLEC to provide a complete list of all telephone numbers to be deleted.
- 4.4.3.3 In SWBT only, CLEC will update its LIDB Ballot to indicate that Line Records associated with conversion activity will result in the deletion of the Line Record from SWBT's LIDB.
- 4.4.3.4 SBC-12STATE will provide Data Migration information to CLEC's new LIDB and/or CNAM Database provider formatted as set forth in GR-2992-CORE, using a medium agreed to between SBC-12STATE and CLEC's new LIDB and/or CNAM Database provider.
- 4.4.4 When CLEC is migrating its LIDB and/or CNAM Line Record information to SBC-12STATE, SBC-12STATE will coordinate with CLEC to establish all dates for the exchange of Line Record information as well as updates to network routing information such as the Calling Name Access Routing Guide (CNARG) and the LIDB Access Routing Guide (LARG). CLEC is responsible for all updates to the Number Portability Administration Center (NPAC) that will support its data migration.
- 4.4.5 SBC-12STATE will accept Data Migration information from CLEC's previous LIDB and/or CNAM Database provider in a format set forth in GR-2992-CORE using a medium agreed to between SBC-12STATE and CLEC's previous LIDB and/or CNAM Database provider.
- 4.4.6 CLEC is responsible for arranging for the deletion of its Line Record information from its prior LIDB and/or CNAM Database.

#### 4.5 LIDB Editor Interface

- 4.5.1 LIDB Editor Interface provides CLEC with unbundled access to **SBC-12STATE**'s LIDB Editor that is equivalent to **SBC-12STATE**'s manner of access. LIDB Editor provides CLEC with emergency access to LIDB when a LIDB SMS is unable to access LIDB or is otherwise inoperable. **SBC-12STATE** will also provide CLEC with access to LIDB Editor if the remote access facility is inoperable or otherwise unable to allow CLEC to communicate with a LIDB SMS.
- 4.5.2 LIDB Editor Interface is not an interface to a LIDB SMS. LIDB Editor is an SCP tool accessible only by authorized **SBC-12STATE** employees. CLEC will have access to such **SBC-12STATE** employees only for the same purposes that **SBC-12STATE** has access to LIDB Editor.
- 4.5.3 **SBC-12STATE** limits the use of LIDB Editor Interface to emergency updates of Validation Information. Emergency updates involve Line Record updates to deny ABS requests due to fraud.
- 4.5.4 CLEC understands that its record access through the LIDB Editor Interface is limited to its subscribers' Line Records.
- 4.5.5 When CLEC uses the LIDB Editor Interface, CLEC agrees to complete all necessary documentation confirming its emergency update requests and submitting such documentation to **SBC-12STATE** at the time CLEC makes its update request. CLEC and **SBC-12STATE** will use such documentation to resolve any update disputes regarding CLEC's use of the LIDB Editor Interface.
- 4.5.6 LIDB Editor Interface bypasses LIDB system administration. This bypass results in discrepancies between LIDB SMS data and LIDB data. CLEC agrees that it will confirm all LIDB Editor Interface updates over the administrative interface it uses to Administer its Line Records once SMS update capability is restored. CLEC understands that if it does not confirm such updates its updates might become reversed during audit processing.

#### 4.6 Audits

##### 4.6.1 LIDB Audit

- 4.6.1.1 This audit is between the LIDB SMS and LIDB. This audit verifies that the LIDB SMS records match LIDB records. The LIDB Audit is against all Line Records and Group Record information in the LIDB SMS and LIDB, regardless of account ownership.
- 4.6.1.2 **SBC-12STATE** will run the LIDB audit on a daily basis.

4.6.1.3 The Parties will investigate accounts they administer when such accounts fail the LIDB audit. The Parties will correct any discrepancies within fourteen (14) days after the discrepancy is identified. The Parties will use their interfaces to the LIDB administrative system to correct such discrepancies.

4.6.2 Source Audit

4.6.2.1 This audit verifies that an Account Owner's Line Records in the LIDB SMS match the source of the Account Owner's Line Records.

4.6.2.2 For purposes of this audit, the source of CLEC's Line Records Administered through the LSR Process will be the SBC-12STATE's billing system that contains the LIDB data for such Account Owners.

4.6.2.3 For purposes of this audit, the source of CLEC's Line Records Administered through direct unbundled electronic interfaces shall be CLEC's system or process as identified by CLEC.

4.6.2.4 SBC-12STATE will provide CLEC with a file containing all of CLEC's Line Records in LIDB that CLEC Administers through unbundled electronic interface(s). SBC-12STATE will deliver such file(s) to CLEC electronically over the Service Order Entry Interface.

4.6.2.5 CLEC will use the file SBC-12STATE provides in Section 4.6.2.4 to audit CLEC's LIDB accounts against CLEC's data source and correct any discrepancies within fourteen (14) days from receipt of the audit file. CLEC will correct all discrepancies using the unbundled electronic interface(s) CLEC has requested under this Appendix.

4.6.2.6 SBC-12STATE will provide CLEC with scheduled and unscheduled Source Audits as set forth following: (i) SBC-12STATE will provide CLEC with a source audit file once per year. Such audit files will represent CLEC's entire data store of Line Records to which CLEC has administrative access. CLEC is responsible for initiating all requests for Source Audits. The Parties will mutually agree upon the dates such audit files will be provided; (ii) CLEC can request additional source audit files and SBC-12STATE will work cooperatively to accommodate all reasonable CLEC requests for such additional source audit files.