INTERCONNECTION AGREEMENT UNDER SECTIONS 251 AND 252 OF THE TELECOMMUNICATIONS ACT OF 1996

This Interconnection Agreement is being entered into by and between Illinois Bell Telephone Company[1] d/b/a AT&T Illinois ("AT&T Illinois"), and Capraro Development LLC ("CLEC" or "Requesting Carrier"), (each a "Party" and, collectively, the "Parties"), pursuant to Sections 251 and 252 of the Telecommunications Act of 1996 ("the Act").

RECITALS

WHEREAS, pursuant to Section 252(i) of the Act, CLEC has requested to adopt that certain Interconnection Agreement by and between AT&T Illinois and New Edge Network, Inc. for the State of Illinois, which was approved by the Illinois Commerce Commission ("the Commission") under Section 252(e) of the Act on August 9, 2000 in docket number 00-0450, including any Commission approved amendments to such agreement (collectively the "Adopted Agreement"), which is incorporated herein by reference; and

WHEREAS, AT&T Illinois has agreed to make available to CLEC the Adopted Agreement for adoption in exchange for CLEC's agreement, in conjunction with its adoption of the Adopted Agreement, to amend such agreement to conform it to governing law; and

WHEREAS, the amendment(s) the Parties have agreed to on a negotiated basis to conform the Adopted Agreement to governing law, along with any other voluntarily negotiated provisions which are also set forth in this Interconnection Agreement (collectively "the MFN Agreement"), are all incorporated herein by this reference and are attached hereto and will be submitted to the Commission for approval; and

NOW, THEREFORE, in consideration of the mutual provisions contained herein and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, CLEC and AT&T Illinois hereby agree as follows:

1.0 Incorporation of Recitals and Adopted Agreement by Reference

1.1 The foregoing Recitals are hereby incorporated into and made a part of the MFN Agreement.

1.2 Except as expressly stated herein, the Adopted Agreement (including any and all applicable Appendices, Schedules, Exhibits, Attachments and Commission-approved Amendments thereto) is incorporated herein by this reference and forms an integral part of the MFN Agreement.

2.0 Modifications to Adopted Agreement

2.1 References in the Adopted Agreement to "New Edge Network, Inc. d/b/a New Edge Networks", or "CLEC", or to "Other" shall for purposes of the MFN Agreement be deemed to refer to CLEC as defined herein.

2.2 References in the Adopted Agreement to the "Effective Date", the date of effectiveness thereof and like provisions shall for purposes of the MFN Agreement be deemed to refer to the date which is ten (10) days following Commission approval of the MFN Agreement or, absent Commission approval, the date the MFN Agreement is deemed approved under Section 252(e)(4) of the Act. In addition, the MFN Agreement shall expire on January 14, 2011.

2.3 The Notices Section in the Adopted Agreement is hereby revised to reflect that Notices should be sent to CLEC under the MFN Agreement at the following address:

[1] Illinois Bell Telephone Company (previously referred to as "Illinois Bell" or "SBC Illinois") now operates under the name "AT&T Illinois" pursuant to an assumed name filing with the State of Illinois.

NOTICE CONTACT	CLEC CONTACT
NAME/TITLE	Bill Dvorak/CFO
STREET ADDRESS	1901 S Meyers Rd, Ste 700
CITY, STATE, ZIP CODE	Oakbrook Terrace, IL 60181
FACSIMILE NUMBER	

2.4 The Notices Section in the Adopted Agreement is hereby revised to reflect that Notices should be sent to AT&T Illinois under the MFN Agreement at the following address:

NOTICE CONTACT	AT&T-13STATE CONTACT
NAME/TITLE	Contract Management ATTN: Notices Manager
STREET ADDRESS	311 S. Akard, 9th Floor Four AT&T Plaza
CITY, STATE, ZIP CODE	Dallas, TX 75202-5398
FACSIMILE NUMBER	214-464-2006

3.0 Clarifications

3.1 In entering into this MFN Agreement, the Parties acknowledge and agree that neither Party waives, and each Party expressly reserves, any of its rights, remedies or arguments it may have at law or under the intervening law or regulatory change provisions in this MFN Agreement (including intervening law rights asserted by either Party via written notice as to the Adopted Agreement), with respect to any orders, decisions, legislation or proceedings and any remands by the FCC, state utility commission, court, legislature or other governmental body including, without limitation, any such orders, decisions, legislation, proceedings, and remands which were issued, released or became effective prior to the Effective Date of this MFN Agreement, or which the Parties have not yet fully incorporated into this Agreement or which may be the subject of further government review.

3.2 It is AT&T Illinois' position that the MFN Agreement, and every interconnection, service and network element provided hereunder, is subject to all rates, terms and conditions contained in the MFN Agreement, and that all of such provisions are integrally related and non-severable.

Capraro Development LLC

By: William F Dvorak

Printed: William F. Dvorak Jr

Title: CFO
(Print or Type)

Date: 3·12·10

Illinois Bell Telephone Company d/b/a AT&T Illinois by AT&T Operations, Inc., its authorized agent

By:

Printed: Eddie A. Reed, Jr.

Title: Director-Interconnection Agreements

Date: 3-15-10

Resale OCN # 748E

ACNA - PDB

INTERCONNECTION AGREEMENT UNDER SECTIONS 251 AND 252 OF THE TELECOMMUNICATIONS ACT OF 1996

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 COMPANY AND/OR
WISCONSIN BELL, INC. D/B/A AMERITECH WISCONSIN

SUBJECT INDEX

SUBJECT	APPENDIX
General Terms & Conditions	GT&C-13 STATE
800 Database	800-13STATE
Collocation	COLLOCATION-13STATE
Digital Subscriber Line	DSL-13STATE
Direct	DIRECT-13STATE
Directory Assistance	DA-13STATE
Directory Assistance Listing	DAL-13STATE
Emergency Services	911-13STATE
FCC Merger Conditions	FCC MERGER CONDITIONS-13STATE
Feature Group A	FGA-13STATE
Foreign Exchange	FX-13STATE
Interconnection Trunking Requirements	ITR-13STATE
Inward Assistance Operator Services	INW-13STATE
Message Exchange	MESSAGE EXCHANGE-13STATE
Network Interconnection Methods	NIM-13STATE
Number Portability	NP-13STATE
Numbering	NUMBERING-13STATE

Operator Services.....OS-13STATE
Operator Support Services – Resale and UNE OSS-13STATE
Performance Measurements.....PERFORMANCE MEASUREMENTS-13STATE
Reciprocal Compensation.....RECIPROCAL COMPENSATION-13STATE
Recording..... RECORDING-13STATE
Resale.....RESALE-13STATE
Signaling System 7 ..... SS7-13STATE
Unbundled Network Elements.....UNE-13STATE
White Pages WP-13STATE
Billing, Collection, and Remittance.....BCR-12STATE
Clearinghouse CH-12STATE
Hosting..... HOSTING-12STATE
Line Information Database-Administration.....LIDB-AS-12STATE
Line Information Service .....LINE INFORMATION SERVICES-12STATE
Rights-of-Way..... ROW-5STATE (AMERITECH)
Wireless..... WIRELESS-4STATE (OKAT)
Arkansas Emergency Services Exhibit 1 .....911-AR
Arkansas Poles, Ducts, Conduits, and Rights-of-Way ..... POLES-AR
Arkansas Pricing .....PRICING-AR
Arkansas Pricing Merger Promotion Template .....PRICING MERGER-AR
California Ancillary Equipment..... ANCILLARY EQUIPMENT-CA
California Pricing.....PRICING-CA
California Pricing Non-Recurring .....PRICING NON-RECURRING-CA
California Pricing Recurring.....PRICING RECURRING-CA
California Pricing Merger Promotion Template.....PRICING MERGER-CA
California Rights of Way, Conduits, and Poles ..... ROW-CA
Connecticut Emergency Services Exhibit 1.....911-CT
Connecticut Meet-Point Billing.....MPB-CT
Connecticut Poles, Ducts, Conduit, and Rights-of-Way .....POLES-CT
Connecticut Pricing.....PRICING-CT
Illinois Pricing..... PRICING-IL
Illinois Pricing Merger Promotion Template.....PRICING MERGER - IL

Indiana Pricing ..... PRICING-IN
Indiana Pricing Merger Promotion Template ..... PRICING MERGER - IN
Kansas Emergency Services Exhibit 1 ..... 911-KS
Kansas Poles, Ducts, Conduits, and Rights-of-Way ..... POLES-KS
Kansas Pricing ..... PRICING-KS
Kansas Pricing Merger Promotion Template ..... PRICING MERGER-KS
Michigan Pricing ..... PRICING-MI
Michigan Pricing Merger Promotion Template ..... PRICING MERGER - MI
Missouri Emergency Services Exhibit 1 ..... 911-MO
Missouri Poles, Ducts, Conduits, and Rights-of-Way ..... POLES-MO
Missouri Pricing ..... PRICING-MO
Missouri Pricing Merger Promotion Template ..... PRICING MERGER-MO
Nevada Poles, Ducts, Conduits, and Rights-of-Way ..... POLES-NV
Nevada Pricing ..... PRICING-NV
Nevada Pricing Merger Promotion Template ..... PRICING MERGER-NV
Ohio Pricing ..... PRICING-OH
Ohio Pricing Merger Promotion Template ..... PRICING MERGER - OH
Oklahoma Emergency Services Exhibit 1 ..... 911-OK
Oklahoma Poles, Ducts, Conduits, and Rights-of-Way ..... POLES-OK
Oklahoma Pricing ..... PRICING-OK
Oklahoma Pricing Merger Promotion Template ..... PRICING MERGER-OK
Wisconsin Pricing ..... PRICING-WI
Wisconsin Pricing Merger Promotion Template ..... PRICING MERGER – WI

INTERCONNECTION AGREEMENT UNDER SECTIONS 251 AND 252 OF THE TELECOMMUNICATIONS ACT OF 1996

by and among

Illinois Bell Telephone Company,
Indiana Bell Telephone Company Incorporated,
Michigan Bell Telephone Company,
The Ohio Bell Telephone Company
Nevada Bell Telephone Company,
Pacific Bell Telephone Company,
The Southern New England Telephone Company,
Southwestern Bell Telephone Company,
Wisconsin Bell, Inc. d/b/a Ameritech Wisconsin

and

New Edge Network, Inc.
d/b/a New Edge Networks

TABLE OF CONTENTS

1. DEFINITIONS 6

2. INTERPRETATION, CONSTRUCTION AND SEVERABILITY 25

3. NOTICE OF CHANGES -- SECTION 251(C)(5) 30

4. GENERAL RESPONSIBILITIES OF THE PARTIES 30

5. EFFECTIVE DATE, TERM, AND TERMINATION 33

6. FRAUD 35

7. DEPOSITS 37

8. BILLING AND PAYMENT OF CHARGES 40

9. NONPAYMENT AND PROCEDURES FOR DISCONNECTION 45

10. DISPUTE RESOLUTION 50

11. AUDITS 54

12. DISCLAIMER OF REPRESENTATIONS AND WARRANTIES 57

13. LIMITATION OF LIABILITY 57

14. INDEMNITY 59

15. REMEDIES 64

16. INTELLECTUAL PROPERTY 64

17. NOTICES 65

18. PUBLICITY AND USE OF TRADEMARKS OR SERVICE MARKS 67

19. NO LICENSE 68

20. CONFIDENTIALITY 68

21. INTERVENING LAW 73

22. GOVERNING LAW 74

23. REGULATORY APPROVAL 74

24. CHANGES IN END USER LOCAL EXCHANGE SERVICE PROVIDER SELECTION 74

25. COMPLIANCE AND CERTIFICATION 75

26. LAW ENFORCEMENT 76

27. RELATIONSHIP OF THE PARTIES/INDEPENDENT CONTRACTOR 77

28. NO THIRD PARTY BENEFICIARIES; DISCLAIMER OF AGENCY 77

29. ASSIGNMENT 78

30. DELEGATION TO AFFILIATE 78

31. SUBCONTRACTING 79

32. HAZARDOUS SUBSTANCES AND RESPONSIBILITY FOR ENVIRONMENTAL CONTAMINATION 79

33. FORCE MAJEURE 80

34. TAXES 82

35. NON-WAIVER 85

36. NETWORK MAINTENANCE AND MANAGEMENT 85

37. SIGNALING 87

38. TRANSMISSION OF TRAFFIC TO THIRD PARTIES 87

39. CUSTOMER INQUIRIES 87

40. EXPENSES 88

41. CONFLICT OF INTEREST 88

42. SURVIVAL 88

43. SCOPE OF AGREEMENT 88

44. AMENDMENTS AND MODIFICATIONS 89

45. APPENDICES INCORPORATED BY REFERENCE 89

46. AUTHORITY 92

47. COUNTERPARTS 93

48. ENTIRE AGREEMENT 93

INTERCONNECTION AGREEMENT UNDER SECTIONS 251 AND 252 OF THE TELECOMMUNICATIONS ACT OF 1996

This Interconnection Agreement under Sections 251 and 252 of the Telecommunications Act of 1996 (**the Agreement)**, is dated as of March 15, 2000 by and among SBC Communications Inc. covering **Illinois Bell Telephone, Indiana Bell Telephone Company Incorporated, Michigan Bell Telephone Company, The Ohio Bell Telephone Company, Nevada Bell Telephone Company (a Nevada corporation), Pacific Bell Telephone Company (a California corporation), The Southern New England Telephone Company (a Connecticut corporation) and Southwestern Bell Telephone Company (a Missouri corporation), Wisconsin Bell, Inc. d/b/a Ameritech Wisconsin,** and, New Edge Network, Inc. d/b/a New Edge Networks (CLEC), (a Delaware corporation), shall apply to the state(s) of Arkansas, California, Connecticut, Illinois, Indiana, Kansas, Michigan, Missouri, Ohio, Oklahoma, Nevada and Wisconsin.

WHEREAS, CLEC represents that it is, or intends to become, a provider of Telephone Exchange Service to residential and business End Users offered exclusively over its own Telephone Exchange Service facilities or predominantly over its own Telephone Exchange Service facilities in combination with the use of unbundled Network Elements purchased from other entity(ies) and the resale of Telecommunications Services of other carriers.

WHEREAS, the Parties want to Interconnect their networks at mutually agreed upon points of interconnection to provide, directly or indirectly, Telephone Exchange Services and Exchange Access to residential and business End Users over their respective Telephone Exchange Service facilities in the states which are subject to this Agreement; and

WHEREAS, the Parties are entering into this Agreement to set forth the respective obligations of the Parties and the terms and conditions under which the Parties will Interconnect their networks and facilities and provide to each other services as required by the Telecommunications Act of 1996 as specifically set forth herein; and

WHEREAS, for purposes of this Agreement, CLEC intends to operate where **Illinois Bell Telephone, Indiana Bell Telephone Company Incorporated, Michigan Bell Telephone Company, The Ohio Bell Telephone Company, Nevada Bell Telephone Company (a Nevada corporation), Pacific Bell Telephone Company (a California corporation), The Southern New England Telephone Company (a Connecticut corporation) and Southwestern Bell Telephone Company (a Missouri corporation), Wisconsin Bell, Inc. d/b/a Ameritech Wisconsin** are the incumbent Local Exchange Carrier(s) and CLEC, a competitive Local Exchange Carrier, has or, prior to the provisioning of any Interconnection, access to unbundled Network Elements, Telecommunications Services or any other functions, facilities, products or services hereunder, will have been granted authority to provide certain local Telephone Exchange Services in the foregoing ILEC Service areas by the appropriate State Commission(s);

NOW, THEREFORE, the Parties hereby agree as follows:

This Agreement is composed of General Terms and Conditions, which are set forth below, together with certain Appendices, Schedules, Exhibits and Addenda which immediately follow this Agreement, all of which are hereby incorporated in this Agreement by this reference and constitute a part of this Agreement.

GENERAL TERMS AND CONDITIONS

1. DEFINITIONS

[1] Capitalized Terms used in this Agreement shall have the respective meanings specified below in, Section 1.x of each Appendix attached hereto, and/or as defined elsewhere in this Agreement.

1.1 GENERAL DEFINITIONS

1.1.1 **"800 Series"** is a Telecommunications Service for business or residence that allows calls to be made to a specific location at no charge to the calling party. Use of the "800" Service Access Code (e.g., 800, 888) denotes calls that are to be billed to the receiving party. A computer database in the provider's network translates the 800 series number into a conventional 7 or 10 digit phone number for network switching and routing.

1.1.2 **"A-link"** means a diverse pair of facilities connecting local end office switching centers with S ignaling Transfer Points.

1.1.3 **"Act"** means the Communications Act of 1934 [47 U.S.C. 153(R)], as amended by the Telecommunications Act of 1996, Public Law 104-104, 110 Stat. 56 (1996) codified throughout 47 U.S.C.

1.1.4 **"Access Compensation"** is the compensation paid by one Party to the other Party for the origination/termination of intraLATA toll calls to/from its End User. Access compensation is in accordance with the LEC's tariffed access rates.

1.1.5 **"Access Service Request"** (**ASR**) is an industry standard form used by the Parties to add, establish, change or disconnect trunks for the purposes of Interconnection.

1.1.6 **"Accessible Letters"** are correspondence used to communicate pertinent information regarding **SBC-8STATE** to the client/End User community.

1.1.7 **"Advanced Services"** means intrastate or interstate wireline Telecommunications Services, such as ADSL, IDSL, xDSL, Frame Relay, Cell Relay and VPOP-Dial Access Service (an SBC Frame Relay-based service) that rely on packetized technology and have the capability of supporting transmissions speeds of at least 56 kilobits per second in both directions. This definition of Advanced Services does not include:

1.1.7.1 Data services that are not primarily based on packetized technology, such as ISDN,

1.1.7.2 x.25-based and x.75-based packet technologies, or

1.1.7.3 Circuit switched services (such as circuit switched voice grade service) regardless of the technology, protocols or speeds used for the transmission of such services.

1.1.8 **"Affiliate"** is As Defined in the Act.

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

1.1.10 **AM-IL** - As used herein, **AM-IL** means the applicable SBC owned ILEC doing business in Illinois.

1.1.11 **AM-IN** - As used herein, **AM-IN** means the applicable SBC owned ILEC doing business in Indiana.

1.1.12 **AM-MI** - As used herein, **AM-MI** means the applicable SBC owned doing business in Michigan.

1.1.13 **AM-OH** - As used herein, **AM-OH** means the applicable SBC owned ILEC doing business in Ohio.

1.1.14 **AM-WI** - As used herein, **AM-WI** means the applicable SBC owned ILEC doing business in Wisconsin.

1.1.15 **"Applicable Law"** means all laws, statutes, common law, regulations, ordinances, codes, rules, guidelines, orders, permits, tariffs and approvals, including those relating to the environment or health and safety, of any Governmental Authority that apply to the Parties or the subject matter of this Agreement.

1.1.16 **"As Defined in the Act"** means as specifically defined by the Act.

1.1.17 **"As Described in the Act"** means as described in or required by the Act.

1.1.18 **"Automatic Route Selection"** or **"ARS"** means a service feature associated with a specific grouping of lines that provides for automatic selection of the least expensive or most appropriate transmission facility for each call based on criteria programmed into the system.

1.1.19 **"Automated Message Accounting"** (**AMA**) is a structure inherent in switch technology that initially records Telecommunication message information. AMA format is contained in the Automated Message Accounting document published by Telcordia (formerly known as Bellcore) as GR-1100-CORE, which defines and amends the industry standard for message recording.

1.1.20 **"Billed Number Screening (BNS)"** means a validation of toll billing exception (TBE) data and performance of public telephone checks; i.e., determining if a billed line is a public (including those classified as semi-public) telephone number.

1.1.21 **"Bona Fide Request"** (**BFR**) is the process described in the applicable Appendix UNE.

1.1.22 **"Business Day"** means Monday through Friday, excluding holidays on which the applicable SBC ILEC does not provision new retail services and products.

1.1.23 **"Busy Line Verification"** (**BLV**) means a service whereby an End User requests an operator to confirm the busy status of a line.

1.1.24 **"CABS"** means the Carrier Access Billing System.

1.1.25 **"Calling Card Service"** means a service that enables a calling End User to bill a telephone call to a calling card number with or without the help of an operator.

1.1.26 **"Calling Name Database"** means a Party's database containing current Calling Name Information, including the Calling Name Information of any telecommunications company participating in that Party's Calling Name Database. A Calling Name Database may be part of, or separate from, a LIDB.

1.1.27 **"Calling Name Delivery Service (CNDS)"** means a service that enables a terminating End User to identify the calling party by a displayed name before a call is answered. The calling party's name is retrieved from a Calling Name Database and delivered to the End User's premise between the first and second ring for display on compatible End User premises equipment.

1.1.28 **"Calling Name Information"** means a Telecommunications Carrier's records of its End Users names associated with one or more assigned ten-digit telephone numbers.

1.1.29 **"Calling Number Delivery"** means a feature that enables an End User to view the directory number of the calling party on a display unit.

1.1.30 **"Calling Party Number"** (**CPN**) means a Signaling System 7 "SS7" parameter whereby the ten (10) digit number of the calling Party is forwarded from the End Office.

1.1.31 **"Centralized AMA" (CAMA)** is an arrangement where the AMA equipment is centralized in, for example, a Tandem and is used by offices that do not have LAMA (Local AMA). The End Office Switch must send ANI digits to the CAMA office for billing a calling subscriber.

1.1.32 **"Centralized Message Distribution System"** (**CMDS**) means the transport system that LECs use to exchange outcollect and Carrier Access Billing System "CABS" access messages among each other and other Parties connected to CMDS.

1.1.33 **"Central office switch"** (**Central Office**) is a switching entity within the public switched telecommunications network, including but not limited to:

1.1.33.1 **"End Office Switch" or "End Office"** is a switching machine that directly terminates traffic to and receives traffic from purchasers of local exchange services. An End Office Switch does not include a PBX.

1.1.33.2 **"Tandem Office Switch"or "Tandem(s)"** are used to connect and switch trunk circuits between and among other Central Office Switches. A Tandem Switch does not include a PBX.

1.1.34 **"Charge Number"** is a CCS signaling parameter that refers to the number transmitted through the network identifying the billing number of the calling party.

1.1.35 **"CNAM Query"** means a LIDB Service Application that allows CLEC to query a Calling Name Database for Calling Name Information in order to deliver that information to CLEC's local CNDS subscribers.

1.1.36 **"CNAM Query Rate"** means a rate that applies to each CNAM Query received at the SCP where the Calling Name Database resides.

1.1.37 **"Collocation"** is As Described in the Act. Terms related to collocation are defined in the applicable Appendix Collocation or applicable collocation tariff, as appropriate.

1.1.38 **"Commercial Mobile Radio Services"** (**CMRS**) means Commercial Mobile Radio Service, As Defined in the Act and FCC rules.

1.1.39 "**Commission"** means the applicable State agency with regulatory authority over Telecommunications. Unless the context otherwise requires, use of the term **"Commissions"** means all of the thirteen agencies listed in this Section. The following is a list of the appropriate State agencies:

1.1.39.1 **the Arkansas Public Service Commission (AR-PSC);**
1.1.39.2 **the Public Utilities Commission of the State of California (CA-PUC);**
1.1.39.3 **the Connecticut Department of Public Utility Control** (**CT-DPUC**);
1.1.39.4 **the Illinois Commerce Commission** (**IL-CC**);
1.1.39.5 **the Indiana Utilities Regulatory Commission (IN-URC);**
1.1.39.6 **the Kansas Corporation Commission (KS-CC);**
1.1.39.7 **the Michigan Public Service Commission (MI-PSC);**
1.1.39.8 **the Missouri Public Service Commission (MO-PSC);**
1.1.39.9 **the Public Utilities Commission of Nevada (NV-PUC);**
1.1.39.10 **the Public Utilities Commission of Ohio (PUC-OH);**
1.1.39.11 **the Oklahoma Corporation Commission (OK-CC);**

1.1.39.12 **the Public Utility Commission of Texas (PUC-TX); and**
1.1.39.13 **the Public Service Commission of Wisconsin (PSC-WI)**

1.1.40 **"Common Channel Signaling"** (**CCS**) means an out-of-band, packet-switched, signaling network used to transport supervision signals, control signals, and data messages. It is a special network, fully separate from the transmission path of the public switched network. Unless otherwise agreed by the Parties, the CCS protocol used by the Parties shall be SS7.

1.1.41 **"Common Language Location Identifier**" (**CLLI**) codes provide a unique 11-character representation of a network interconnection point. The first 8 characters identify the city, state and building location, while the last 3 characters identify the network component.

1.1.42 **"ConnNET"** is a CT packet switching network used for data communication to and from hosts and databases.

1.1.43 **"Consequential Damages"** means Losses claimed to have resulted from any indirect, incidental, reliance, special, consequential, punitive, exemplary, multiple or any other Loss, including damages claimed to have resulted from harm to business, loss of anticipated revenues, savings, or profits, or other economic Loss claimed to have been suffered not measured by the prevailing Party's actual damages, and regardless of whether the Parties knew or had been advised of the possibility that such damages could result in connection with or arising from anything said, omitted, or done hereunder or related hereto, including willful acts or omissions.

1.1.44 **"Control Office"** means the Central Office providing Tandem Switching Capability for E-9-1-1 calls. The Control Office controls switching of ANI information to the PSAP and also provides the Selective Routing feature, standard speed calling features, call transfer capability and certain maintenance functions for each PSAP.

1.1.45 **"Customer Usage Data**" means the Telecommunications Services usage data of a CLEC End User measured in minutes, sub-minute increments, message units, or otherwise, that is recorded by **SBC-ILEC** and forwarded to CLEC.

1.1.46 **"Custom Local Area Signaling Service Features**" (**CLASS Features**) means certain Common Channel Signaling based features available to End Users, including: Automatic Call Back; Call Trace; Distinctive Ringing/Call Waiting; Selective Call Forward; and Selective Call Rejection.

1.1.47 **"Customer Name and Address Information" (CNA)** means the name, service address and telephone numbers of a Party's End Users for a particular Exchange Area. CNA includes nonpublished listings, coin telephone information and published listings.

1.1.48 **"Data Base Administration Center"** (**DBAC**) means an **SBC-ILEC** location where facility and administrative personnel are located for administering LIDB and/or Sleuth.

1.1.49 **"Database Administrative Service LIDB Operating Guidelines"** (**Operating Guidelines**) means the document developed by **SNET** that provides detailed instructions as to the working parameters of **SNET**'s provision of the LIDB Administrative System to CLEC, as may be updated by **SNET** from time to time. **SNET** shall provide such Operating Guidelines to CLEC upon execution of this Agreement.

1.1.50 **"Data Interexchange Carrier" (DIXC**) is a process designed to facilitate the reciprocal exchange of voice traffic load data between the **SBC-7STATE** and CLECs interconnecting with its network. This reciprocal exchange of data enables **SBC-7STATE** and each CLEC to have a complete view of traffic loads on both ends of two-way trunk groups. The knowledge of call attempt and overflow data counts on both ends of a two-way trunk group enables each company to more accurately estimate the offered, and thereby better estimate, the required quantities of trunks.

1.1.51 **"Designated Central Office Document"** (**Document DCO**) is a document that is referenced in **SBC-12STATE** Appendix NIM. The purpose of the DCO is to document the physical architectural plan for interconnection and specifies the CLEC Central Offices, CLEC Routing Points, Activation Dates, the POI(s) and the applicable **SBC-12STATE** Central Offices.

1.1.52 **"Delaying Event"** means (a) any failure of a Party to perform any of its obligations set forth in this Agreement, caused in whole or in part by:

1.1.52.1 the failure of the other Party to perform any of its obligations set forth in this Agreement, including but not limited to a Party's failure to provide the other Party with accurate and complete Service Orders;

1.1.52.2 any delay, act or failure to act by the other Party or its End User, agent or subcontractor; or

1.1.52.3 any Force Majeure Event.

1.1.53 **"Dialing Parity"** is As Defined in the Act. As used in this Agreement, Dialing Parity refers to both Local Dialing Parity and Toll Dialing Parity

1.1.54 **"Digital Cross Connect Panel"** (**DSX Panel**) means a cross-connect bay or panel used for the termination of equipment and facilities operating at digital rates.

1.1.55 **"Digital Signal Level"** is one of several transmission rates in the time-division multiplex hierarchy.

1.1.55.1 **"Digital Signal Level 0"** (**DS-0**) is the 64 Kbps zero-level signal in the time-division multiplex hierarchy.

1.1.55.2 **"Digital Signal Level 1"** (**DS-1**) is the 1.544 Mbps first-level signal in the time-division multiplex hierarchy.

1.1.55.3 **"Digital Signal Level 3"** (**DS-3**) is the 44.736 Mbps third-level signal in the time-division multiplex hierarchy.

1.1.56 **"Digital Subscriber Line"** (**DSL**) is as defined in the applicable Appendix DSL and/or the applicable tariff, as appropriate.

1.1.57 **"Electronic File Transfer"** is any system or process that utilizes an electronic format and protocol to send or receive data files.

1.1.58 **"End Users"** means a third-party residence or business that subscribes to Telecommunications Services provided by any of the Parties at retail. As used herein, the term "End Users" does not include any of the Parties to this Agreement with respect to any item or service obtained under this Agreement.

1.1.59 **"Enhanced LECLink"** is a customer access service to the national distribution of billing records via Telcordia's Centralized Message Distribution System (CMDS).

1.1.60 **"Enhanced Service Provider"** (**ESP**) is a provider of enhanced services as those services are defined in 47 CFR Section 64.702.

1.1.61 **"Exchange Access"** is As Defined in the Act.

1.1.62 **"Exchange Area"** means an area, defined by the Commission, for which a distinct local rate schedule is in effect.

1.1.63 **"Exchange Message Interface"** (**EMI**) (formerly Exchange Message Record - EMR) is the standard used for exchange of Telecommunications message information among Telecommunications Carriers for billable, non-billable, sample, settlement and study data. EMI format is contained in Telcordia Practice BR-010-200-010, CRIS Exchange Message Record.

1.1.64 **"Exchange Service"** means Telephone Exchange Service, As Defined in the Act.

1.1.65 **"Feature Group A" (FGA)** means calls either originated by, or delivered to, an End User who has purchased switched access FGA service from the interstate or intrastate tariffs of either Party. FGA also includes, but is not limited to, FGA-like services provided by either Party, where calls are originated from and/or delivered to numbers which are assigned to a Rate Center within one LATA but where the Party receiving the call is physically located in a LATA different than the LATA of the Party originating the call. The intercarrier compensation mechanism as well as additional definitions for FGA are specified in the appropriate Appendix FGA.

1.1.66 **"Feature Group D"** (**FG-D**) is access available to all customers, providing trunk side access to a Party's End Office Switches with an associated uniform 101XXXX access code for customer's use in originating and terminating communications.

1.1.67 **"FCC"** means the Federal Communications Commission.

1.1.68 **"Fiber Meet"** means an Interconnection architecture method whereby the Parties physically interconnect their networks via an optical fiber interface (as opposed to an electrical interface) at a mutually agreed upon location, at which one Party's responsibility or service begins and the other Party's responsibility ends.

1.1.69 **"Foreign Exchange"** (**FX**) means a service whereby calls either originated by or delivered to a customer who has purchased FX service from the state or interstate tariffs of either Party. FX also includes, but is not limited to, FX-like services provided by either Party where calls are originated from and/or delivered to numbers which are assigned to a Rate Center within one local calling area but where the Party receiving the call is physically located outside of that local calling area. FX service can be either interLATA or intraLATA. InterLATA FX, where the originating and receiving parties are physically located in different LATAs, is considered equivalent to FGA and the intercarrier compensation mechanism is the same as FGA. IntraLATA FX, when

provided by two or more local exchange carriers "LECs", is considered a jointly provided service and meet-point billed by those providing it utilizing a mutually agreed to meet-point billing, or meet-point billing like procedure.

1.1.70 **"Governmental Authority"** means any federal, state, local, foreign, or international court, government, department, commission, board, bureau, agency, official, or other regulatory, administrative, legislative, or judicial authority with jurisdiction over the subject matter at issue.

1.1.71 **"Group Record"** means information in LIDB and/or the LIDB administrative system that is common to all telephone numbers in an NPA-NXX or all Special Billing Numbers in an NPA-0/1XX.

1.1.72 **"Incumbent Local Exchange Carrier" (ILEC)** is As Defined in the Act.

1.1.73 **"Initial Billing Company"** (**IBC**) refers to the LEC that provides Feature Group B or D services at an End Office.

1.1.74 **"Intellectual Property"** means copyrights, patents, trademarks, trade secrets, mask works and all other intellectual property rights.

1.1.75 **"Integrated Digital Loop Carrier"** means a subscriber loop carrier system that is twenty-four (24) local Loop transmission paths combined into a 1.544 Mbps digital signal which integrates within the switch at a DS1 level.

1.1.76 **"Integrated Services Digital Network" (ISDN)** means a switched network service that provides end-to-end digital connectivity for the simultaneous transmission of voice and data. Basic Rate Interface-ISDN (BRI-ISDN) provides for a digital transmission of two 64 Kbps bearer channels and one 16 Kbps data channel (2B+D).

1.1.77 **"Interconnection"** is As Defined in the Act.

1.1.78 **"Interconnection Activation Date"** is the date that the construction of the joint facility Interconnection arrangement has been completed, trunk groups have been established, joint trunk testing is completed and trunks have been mutually accepted by the Parties.

1.1.79 **"Interexchange Carrier" (IXC)** means a carrier that provides, directly or indirectly, interLATA or intraLATA Telephone Toll Services.

1.1.80 **"InterLATA"** is As Defined in the Act.

1.1.81 **"Intermediate Distribution Frame"** (**IDF**) is a second frame that augments an existing Main Distribution Frame. Lines or outside cables do not terminate on the IDF.

1.1.82 **"Internet Service Provider"** (**ISP**) is an Enhanced Service Provider that provides Internet Services, and is defined in paragraph 341 of the FCC's First Report and Order in CC Docket No. 97-158.

1.1.83 **"Inter-wire Center Transport"** means the transmission facilities between serving wire centers.

1.1.84 **"IntraLATA Toll Traffic"** means the IntraLATA traffic between two locations within one LATA where one of the locations lies outside of the normal local calling area as defined by the applicable Commission.

1.1.85 **"Jurisdictional Identification Parameter"** (**JIP**) is an existing six (6) digit (NPA-NXX) field in the SS7 message. This field designates the first point of switching. (JIP is applicable to **SBC-SWBT** only)

1.1.86 **"LIDB/AS"** means the LIDB administrative system for **SNET**.

1.1.87 **"LIDB Editor"** means an SCP tool that bypasses the LIDB administrative system and provides emergency access to LIDB for data administration.

1.1.88 **"Line Information Data Base"** (**LIDB)** means a transaction-oriented database system that functions as a centralized repository for data storage and retrieval. LIDB is accessible through CCS networks. LIDB contains records associated with End User line numbers and special billing numbers. LIDB accepts queries from other network elements and provides return result, return error, and return reject responses as appropriate. Examples of information that Data Owners might store in LIDB and in their Line Records are: ABS Validation Data, Originating Line Number Screening (OLNS) data, ZIP Code data, and Calling Name Information.

1.1.89 **"LIDB Service Applications"** means the query types accepted for access to LIDB information.

1.1.90 **"Line Record"** means information in LIDB and/or the LIDB administrative system that is specific to a single telephone number or Special Billing Number.

1.1.91 **"Line Side"** refers to End Office switch connections that have been programmed to treat the circuit as a local line connected to a terminating station (e.g., an ordinary subscriber's telephone station set, a PBX, answering machine, facsimile machine or computer). Line Side connections offer only those transmission and signal features appropriate for a connection between an End Office and such terminating station.

1.1.92 **"Line Validation Administration System"** (**LVAS**) means the LIDB administrative system for **SBC-SWBT.**

1.1.93 **"Local Access Transport Area"** (**LATA**) is As Defined in the Act.

1.1.94 **"Local Exchange Carrier"** (**LEC**) is As Defined in the Act.

1.1.95 **"Local Exchange Routing Guide"** (**LERG**) is a Telcordia Reference document used by Telecommunications Carriers to identify NPA-NXX routing and homing information as well as Network element and equipment designations.

1.1.96 **"Local Calls"**, for purposes of intercarrier compensation, is traffic where all calls are within the same common local and common mandatory local calling area, i.e., within the same or different SBC Exchange(s) that participate in the same common local mandatory local calling area approved by the applicable state Commission. Local Calls must actually originate and actually terminate to parties physically located within the same common local or common mandatory local calling area.

1.1.97 **"Local Interconnection Trunk/Trunk Groups"** are used for the termination of Local Exchange Traffic, pursuant to Telcordia Technical Reference GR-317-CORE "GR-317."

1.1.98 **"Local Loop Transmission", "Unbundled Local Loop", "Loop"** means the transmission path which extends from the Network Interface Device or demarcation point at an End User's premise to the Main Distribution Frame or other designated frame or panel in the **SBC-AMERITECH** Serving Wire Center.

1.1.99 **"Local Number Portability"** means the ability of users of Telecommunications Services to retain, at the same location, the presence of a previously existing telephone number(s).

1.1.100 **"Location Routing Number"** (**LRN**) is a ten (10) digit number that is assigned to the network switching elements (Central Office – Host and Remotes as required) for the routing of calls in the network. The first

six (6) digits of the LRN will be one of the assigned NPA NXX of the switching element. The purpose and functionality of the last four (4) digits of the LRN have not yet been defined but are passed across the network to the terminating switch.

1.1.101 **"Local Service Provider"** (**LSP**) is the LEC that provides retail local Exchange Service to an End User. The LSP may or may not provide any physical network components to support the provision of that End User's service.

1.1.102 **"Loop"** is a transmission path between the Minimum Point of Presence/Entry (MPOP/E) at any End User location and the Main Distribution Frame (MDF) or Digital Crossconnect Bay (DSX-1) of the **SNET** designated serving wire centers.

1.1.103 **"Loss"** or **"Losses"** means any and all losses, costs (including court costs), claims, damages (including fines, penalties, and criminal or civil judgments and settlements), injuries, liabilities and expenses (including attorneys' fees).

1.1.104 **"Main Distribution Frame"** (**MDF**) is a termination frame for outside facility and inter-exchange office equipment at the central office for DS-0 and DSL services.

1.1.105 **"MECAB"** refers to the Multiple Exchange Carrier Access Billing document prepared by the Billing Committee of the Ordering and Billing Forum "OBF", which functions under the auspices of the Carrier Liaison Committee "CLC of the Alliance for Telecommunications Industry Solutions "ATIS". The MECAB document, published by ATIS as ATIS/OBF- MECAB- Issue 6, February 1998, contains the recommended guidelines for the billing of access services provided to an IXC by two or more LECs, or by one LEC in two or more states within a single LATA.

1.1.06 **"MECOD"** refers to the Multiple Exchange Carriers Ordering and Design Guidelines for Access Services - Industry Support Interface, a document developed by the Ordering/Provisioning Committee of the OBF, which functions under the auspices of the CLC of ATIS. The MECOD document, published by ATIS as ATIS/OBF- MECAB- Issue 3, February 1993, establishes methods for processing orders for access service which is to be provided to an IXC by two or more telecommunications providers.

1.1.07 **"Meet-Point Billing"** (**MPB**) refers to the billing associated with interconnection of facilities between two or more LECs for the routing

of traffic to and from an IXC with which one of the LECs does not have a direct connection. In a multi-bill environment, each Party bills the appropriate tariffed rate for its portion of a jointly provided Switched Exchange Access Service.

1.1.108 **"Meet-Point Trunks/Trunk Groups"** (**MPTGs**) are used for the joint provision of Switched Access services, pursuant to Telcordia Technical References GR-394-CORE "GR-394" and GR-317-CORE "GR-317". MPTGs are those between a local End Office and an Access Tandem as described in FSD 20-24-0000 and 20-24-0300.

1.1.109 **"Mid-Point Meet"** is as defined in the appropriate Appendix NIM. The facility hand off point may differ from the billing point of interconnection.

1.1.110 **"Mid-Span Meet"** is an interconnection between two LECs whereby each provides its own cable and equipment up to the meet point of the cable facilities. The meet point is the demarcation establishing ownership of and responsibility for each LEC's portion of the transmission facility.

1.1.111 **"Multiple Bill/Single Tariff"** is the meet-point billing method where each LEC prepares and renders its own meet point bill to the IXC in accordance with its own tariff for that portion of the jointly provided Switched Access Service which that LEC provides. The MECAB documents refer to this method as Multiple Bill/reflecting a single tariff (MM).

1.1.112 **"Mutual Compensation"** is the compensation agreed upon by the Parties for those "Local Calls" that originate on one network and terminate on the other network.

1.1.113 **"Network Data Mover"** (**NDM**) is an industry standard protocol for transferring information electrically.

1.1.114 **"Network Element"** is As Defined in the Act.

1.1.115 **"North American Numbering Plan"** (**NANP**) A numbering architecture in which every station in the NANP Area is identified by a unique ten-digit address consisting of a three-digit NPA code, a three digit central office code of the form NXX, and a four-digit line number of the form XXXX.

1.1.116 **"Numbering Plan Area"** (**NPA**) also called area code. An NPA is the 3-digit code that occupies the A, B, C positions in the 10-digit NANP

format that applies throughout the NANP Area. NPAs are of the form NXX, where N represents the digits 2-9 and X represents any digit 0-9. In the NANP, NPAs are classified as either geographic or non-geographic. a) Geographic NPAs are NPAs which correspond to discrete geographic areas within the NANP Area. b) Non-geographic NPAs are NPAs that do not correspond to discrete geographic areas, but which are instead assigned for services with attributes, functionalities, or requirements that transcend specific geographic boundaries. The common examples are NPAs in the N00 format, e.g., 800.

1.1.117 **"Number Portability"** is As Defined in the Act.

1.1.118 **"NXX" or "Central Office Code"** is the three-digit switch entity indicator that is defined by the fourth through sixth digits of a 10-digit telephone number within the NANP. Each NXX Code contains 10,000 station numbers.

1.1.119 **"Ordering and Billing Forum"** (**OBF**) is a forum comprised of local telephone companies and inter-exchange carriers whose responsibility is to create and document Telecommunication industry guidelines and standards.

1.1.120 **"Originating Line Information"** (**OLI**) is an SS7 Feature Group D signaling parameter which refers to the number transmitted through the network identifying the billing number of the calling Party. (OLI is applicable to **SBC-SWBT** only).

1.1.121 **"Originating Point Code" (OPC)** means a code assigned to identify CLEC's system(s) that originate SS7 messages, including LIDB Service Queries.

1.1.122 **"Party"** means either CLEC or **SBC** use of the term. "Party" includes each of the ILECs that is a party to this Agreement. **"Parties"** means both CLEC and **SBC;** use of the term "Parties" includes each of the ILECs that is a party to this Agreement.

1.1.123 **"Permanent Number Portability"** (**PNP**) is a long-term method of providing LNP using LRN.

1.1.124 **"Physical Collocation"** is as defined in applicable Appendix Collocation or applicable tariff, where applicable.

1.1.125 **"Plain Old Telephone Service"** (**POTS**) means telephone service for the transmission of human speech.

1.1.126 **"Point of Interconnection"** (**POI**) is a physical location at which the Parties' networks meet for the purpose of establishing Interconnection. POIs include a number of different technologies and technical interfaces based on the Parties' mutual agreement.

1.1.127 **"Port"** is the point of interface/access connection to the **SNET** public switched network. This may be a switch line side interface or switch trunk side interface.

1.1.128 **"Rate Center Area"** means the specific geographic point that has been designated by a given LEC as being associated with a particular NPA-NXX code that has been assigned to the LEC for its provision of Telephone Exchange Service. The Rate Center is the finite geographic point identified by a specific V&H coordinate, which is used by that LEC to measure, for billing purposes, distance sensitive transmission services associated with the specific Rate Center.

1.1.129 **"Rating Point"** means the V&H coordinates associated with a particular telephone number for rating purposes.

1.1.130 **"Reference of Calls"** refers to a process by which calls are routed to an announcement that states the new telephone number of an End User.

1.1.131 **"Routing Point"** is a location which a LEC has designated on its own network as the homing or routing point for traffic inbound to Exchange Service provided by the LEC which bears a certain NPA-NXX designation. The Routing Point is employed to calculate mileage measurements for the distance-sensitive transport element charges of Switched Access services. The Routing Point need not be the same as the Rating Point, nor must it be located within the Rate Center area, but must be in the same LATA as the NPA-NXX.

1.1.132 **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 Company, and/or Wisconsin Bell, Inc. d/b/a Ameritech Wisconsin.

1.1.133 **SBC-AMERITECH** - As used herein, **SBC-AMERITECH** means the applicable SBC owned ILEC(s) doing business in Illinois, Indiana, Michigan, Ohio, and Wisconsin.

1.1.134 **SBC-7STATE** - As used herein, **SBC-7STATE** means the applicable SBC owned ILEC(s) doing business in Arkansas, California, Kansas, Missouri, Nevada, Oklahoma, and Texas.

1.1.135 **SBC-8STATE** - As used herein, **SBC-8STATE** means the applicable SBC owned ILEC(s) doing business in Arkansas, California, Connecticut, Kansas, Missouri, Nevada, Oklahoma, and Texas.

1.1.136 **SBC-10STATE** - As used herein, **SBC-10STATE** means an the applicable SBC owned ILEC(s) doing business in Arkansas, Illinois, Indiana, Kansas, Michigan, Missouri, Ohio, Oklahoma, Texas, and Wisconsin.

1.1.137 **SBC-12STATE** - As used herein, **SBC-12STATE** means the applicable SBC owned ILEC(s) doing business in Arkansas, California, Illinois, Indiana, Kansas, Michigan, Missouri, Nevada, Ohio, Oklahoma, Texas, and Wisconsin.

1.1.138 **SBC-ILEC** - As used herein, **SBC-ILEC** means the applicable SBC owned ILEC(s) doing business in Arkansas, California, Connecticut, Illinois, Indiana, Kansas, Michigan, Missouri, Nevada, Ohio, Oklahoma, Texas, and Wisconsin.

1.1.139 **"Service Control Point"** (**SCP**) is the node in the common channel signaling network that accepts Queries for certain Database services. The SCP is a real time database system that receives Queries from service platforms, performs subscriber or application-specific service logic, and then sends a Response back to the Query-originating platform. Such service platforms can be Service Switching Points (SSPs) or other network nodes capable of properly formatting and launching Queries.

1.1.140 **"Service Management System" (SMS)** means an off-line system used to access, create, modify, or update information in a Database.

1.1.141 **"Service Provider Number Portability"** (**SPNP**) is synonymous with Permanent Number Portability "PNP".

1.1.142 **"Service Switching Point"** (**SSP**) is a telephone central office switch equipped with a Signaling System 7 (SS7) interface.

1.1.143 **"Serving Wire Center"** (**SWC**) is the location of one or ore local switching systems. A point at which End User's loops within a defined geographic area converge. Such local loops may be served by one (1) or more Central Office Switches within such premises..

1.1.144 **"Signaling System 7" (SS7)** means a signaling protocol used by the CCS Network.

1.1.145 **"Signal Transfer Point"** (**STP**) performs a packet switching function that routes signaling messages among Service Switching Points (SSP), Service Control Points (SCP), Signaling Points (SP), and other STPs in order to set up calls and to query databases for Advanced Services.

1.1.146 **"Sleuth"** means an off-line administration system that monitors suspected occurrences of ABS-related fraud.

1.1.147 **"Special Billing Number" SBN** means a Line Record in LIDB that is based on an NXX-o/1XX numbering format. NXX-0/1XX numbering formats are similar to NPA-NXX formats except that the fourth digit of an SBN is either a zero (0) or a one (1).

1.1.148 **"State Abbreviation"** means the following:

1.1.148.1 "AR" means Arkansas
1.1.148.2 "CA" means California
1.1.148.3 "CT" means Connecticut
1.1.148.4 "IL" means Illinois
1.1.148.5 "IN" means Indiana
1.1.148.6 "KS" means Kansas
1.1.148.7 "MI" means Michigan
1.1.148.8 "MO" means Missouri
1.1.148.9 "NV" means Nevada
1.1.148.10 "OH" means Ohio
1.1.148.11 "OK" means Oklahoma
1.1.148.12 "TX" means Texas
1.1.148.13 "WI" means Wisconsin

1.1.149 **"Subsequent Billing Company"** refers to **SNET** when it provides a segment of transport or switching services in connection with Feature Group B or D switched access service. (For purposes of this Agreement, the Tandem operator is the Subsequent Billing Company.)

1.1.150 **SWBT-AR** - As used herein, **SWBT-AR** means the applicable SBC owned ILEC doing business in Arkansas.

1.1.151 **SWBT-KS** - As used herein, **SWBT-KS** means the applicable SBC owned ILEC doing business in Kansas.

1.1.152 **SWBT-MO** - As used herein, **SWBT-MO** means the applicable SBC owned ILEC doing business in Missouri.

1.1.153 **SWBT-OK** - As used herein, **SWBT-OK** means the applicable SBC owned ILEC doing business in Oklahoma.

1.1.154 **SWBT-TX** - As used herein, **SWBT-TX** means the applicable SBC owned ILEC doing business in Texas.

1.1.155 **"Switched Access Detail Usage Data"** means a category 1101xx record as defined in the EMR Telecordia Practice BR 010-200-010.

1.1.156 **"Switched Exchange Access Service"** means the offering of transmission or switching services to Telecommunications Carriers for the purpose of the origination or termination of telephone toll service. Switched Exchange Access Services include: Feature Group A, Feature Group B, Feature Group D, 800/888 access, and 900 access and their successors or similar Switched Exchange Access Services.

1.1.157 **"Synchronous Optical Network"** (**SONET**) is an optical interface standard that allows inter-networking of transmission products from multiple vendors. The base rate is 51.84 Mbps ("OC-1/STS-1") and higher rates are direct multiples of the base rate, up to 13.22 Gbps.

1.1.158 **"Tape Load Facility"** means data entry points at the LIDB administrative system and/or the SCPs where LIDB resides.

1.1.159 **"Telecommunications"** is As Defined in the Act.

1.1.160 **"Telecommunications Carrier"** is As Defined in the Act.

1.1.161 **"Telecommunications Service"** is As Defined in the Act.

1.1.162 **"Telephone Exchange Service"** is As Defined in the Act.

1.1.163 **"Telephone Toll Service"** is As Defined in the Act.

1.1.164 **"Toll Billing Exception Service" (TBE)** means a service that allows End Users to restrict third number billing or collect calls to their lines.

1.1.165 **"Toll Free Service"** is service provided with any dialing sequence that invokes toll-free, 800-like, service processing, for example for illustration only, 800 or 800-like services. Toll Free Service includes but is not limited to calls placed to 800/888 NPA Service Access Codes (SAC).

1.1.166 **"Translation Type"** means a code in the Signaling Connection Control Part (SCCP) of the SS7 signaling message. Signal Transfer Points (STPs) use Translation Types to identify the routing table used to route a LIDB query. All LIDB queries that use the same Translation Type are routed to the same LIDB for a particular Line Record or, prior to number portability, for a particular NPA-NXX.

1.1.167 **"Trunk"** means a communication line between two switching systems.

1.1.168 **"Trunk-Side"** refers to a Central Office Switch connection that is capable of, and has been programmed to treat the circuit as connecting to another switching entity (for example another Central Office switch). Trunk-Side connections offer those transmission and signaling features appropriate for the connection of switching entities and cannot be used for the direct connection of ordinary telephone station sets.

1.1.169 **"Universal Digital Loop Carrier"** (**UDLC**) describes a DLC system that has a Central Office terminal channel bank that is connected to the CO switches on the analog side.

1.1.170 **"Wire Center"** is the location of one or more local switching systems. A point at which End User's loops within a defined geographic area converge. Such local loops may be served by one (1) or more Central Office Switches within such premises.

2. INTERPRETATION, CONSTRUCTION AND SEVERABILITY

2.1 Definitions

2.1.1 For purposes of this Agreement, certain terms have been defined in this Agreement to encompass meanings that may differ from, or be in addition to, the normal connotation of the defined word. Unless the context clearly indicates otherwise, any term defined or used in the singular will include the plural. Whenever the context may require, any pronoun shall include the corresponding masculine, feminine and neuter forms. The words "include," "includes" and "including" shall be deemed to be followed by the phrase "without limitation" and/or "but not limited to". The words "will" and "shall" are used interchangeably throughout this Agreement and the use of either connotes a mandatory requirement. The use of one or the other will not mean a different degree of right or obligation for either Party. A defined word intended to convey its special meaning is capitalized when used. Other terms that are capitalized and not defined in this Agreement will have the meaning in the Act, or in the absence of their inclusion in the Act, their customary usage in the Telecommunications industry as of the Effective Date.

2.2 Headings Not Controlling

2.2.1 The headings and numbering of Sections, Parts, Appendices Schedules and Exhibits to this Agreement are for convenience only and shall not be construed to define or limit any of the terms herein or affect the meaning or interpretation of this Agreement.

2.2.2 This Agreement incorporates a number of Appendices which, together with their associated Attachments, Exhibits, Schedules and Addenda, constitute the entire Agreement between the Parties. In order to facilitate use and comprehension of the Agreement, the Appendices have been grouped under broad headings. It is understood that these groupings are for convenience of reference only, and are not intended to limit the applicability that any particular appendix, attachment, exhibit, schedule or addenda may otherwise have.

2.3 Referenced Documents

2.3.1 Unless the context shall otherwise specifically require, and subject to **Section 21**, whenever any provision of this Agreement refers to a technical reference, technical publication, CLEC Practice, **SBC-ILEC** Practice, any publication of telecommunications industry administrative or technical standards, or any other document specifically incorporated into this Agreement (collectively, a "**Referenced Instrument**"), it will be deemed to be a reference to the then-current version or edition (including any amendments, supplements, addenda, or successors) of each Referenced Instrument that is in effect, and will include the then-current version or edition (including any amendments, supplements, addenda, or successors) of any other Referenced Instrument incorporated by reference therein.

2.4 References

2.4.1 References herein to Sections, Paragraphs, Exhibits, Parts, Schedules, and Appendices shall be deemed to be references to Sections, Paragraphs and Parts of, and Exhibits, Schedules and Appendices to, this Agreement unless the context shall otherwise require.

2.5 Tariff References

2.5.1 Wherever any Commission ordered tariff provision or rate is cited or quoted herein, it is understood that said cite encompasses any revisions or modifications to said tariff.

2.5.2 Wherever any Commission ordered tariff provision or rate is incorporated, cited or quoted herein, it is understood that said incorporation or reference applies only to the entity within the state whose Commission ordered that tariff.

2.6 Conflict in Provisions

2.6.1 In the event of a conflict between the provisions of this Agreement and the Act, the provisions of the Act shall govern.

2.6.2 If any definitions, terms or conditions in any given Appendix, Attachment, Exhibit, Schedule or Addenda differ from those contained in the main body of this Agreement, those definitions, terms or conditions will supersede those contained in the main body of this Agreement, but only in regard to the services or activities listed in that particular Appendix, Attachment, Exhibit, Schedule or Addenda. In particular, if an Appendix contains a Term length that differs from the Term length in the main body of this Agreement, the Term length of that Appendix will control the length of time that services or activities are to occur under that Appendix, but will not affect the Term length of the remainder of this Agreement.

2.6.3 In **SNET** only, in the event of a conflict between any provision in this Agreement and any provision in the DPUC-ordered tariffs covering the services that are the subject of this Agreement with **SNET**, such DPUC-ordered tariffs will prevail.

2.7 Joint Work Product

2.7.1 This Agreement is the joint work product of the Parties and has been negotiated by the Parties and their respective counsel and shall be fairly interpreted in accordance with its terms and, in the event of any ambiguities, no inferences shall be drawn against either Party.

2.8 Severability

2.8.1 If any provision of this Agreement is rejected or held to be illegal, invalid or unenforceable, each Party agrees that such provision shall be enforced to the maximum extent permissible so as to effect the intent of the Parties, and the validity, legality and enforceability of the remaining provisions of this Agreement shall not in any way be affected or impaired thereby. If necessary to effect the intent of the Parties, the Parties shall negotiate in good faith to amend this Agreement to replace the unenforceable language with enforceable language that reflects such intent as closely as possible. The Parties negotiated the terms and conditions of this Agreement for Interconnection, services and Network Elements as a total arrangement

and it is intended to be nonseverable.

2.9 Incorporation by Reference

2.9.1 The General Terms and Conditions of this Agreement, and every Interconnection, Resale Service Network Element, function, facility, product or service provided hereunder, shall be subject to all rates, terms and conditions contained in the Appendices to this Agreement which are legitimately related to such Interconnection, Resale Service, Network Element, function, facility, product or service; and all such rates, terms and conditions are incorporated by reference herein and deemed a part of every Interconnection, Resale Service, Network Element, function, facility, product or service provided hereunder. 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, Resale Service, Network Element, function, facility, product or service 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; indemnity; remedies; intellectual property; publicity and use of trademarks and 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; relationship of the Parties/independent contractor; no third Party beneficiaries, disclaimer of agency; assignment; subcontracting; hazardous substances and responsibility for environmental contamination; force majeure; taxes; non-waiver; network maintenance and management; customer inquiries; expenses; conflict of interest; survival; scope of agreement; amendments and modifications; and entire agreement.

2.10 Non-Voluntary Provisions

2.10.1 This Agreement incorporates certain rates, terms and conditions that were not voluntarily negotiated by **SBC-ILEC**, but instead resulted from determinations made in arbitrations under Section 252 of the Act or from other requirements of regulatory agencies or state law (individually and collectively, a "Non-Voluntary Arrangement"). **SBC-ILEC** has identified some, but not all, of the Non-Voluntary Arrangements contained in this Agreement, by designating such provisions with asterisks. If any Non-Voluntary Arrangement is modified as a result of any order or finding by the FCC, the appropriate Commission or a court of competent jurisdiction, any Party may, by providing written notice to the other Party, require that

any affected Non-Voluntary Arrangement (and any related rates, terms and conditions) be deleted or renegotiated, as applicable, in good faith and this Agreement amended accordingly. If such modifications to this Agreement are not executed within sixty (60) days after the date of such notice, a Party may pursue its rights under Section 10.

2.10.2 The Parties acknowledge that the Non-Voluntary Arrangements contained in this Agreement shall not be available in any state other than the state that originally imposed/required such Non-Voluntary Arrangement. By way of example only, the Parties acknowledge that the PUCO's imposition in Ohio of the Minimum Telephone Service Standards (and all terms and conditions relating thereto) shall not apply in or be "portable to" any state other than Ohio.

2.11 State-Specific Rates, Terms and Conditions

2.11.1 For ease of administration, this multistate Agreement contains certain specified rates, terms and conditions which apply only in a designated state. To the extent that this Agreement contains specified rates, terms and conditions which apply only in a given state, such rates, terms and conditions shall not apply and shall have no effect in any other state(s) to which this Agreement is submitted for approval under Section 252(e) of the Act.

2.11.2 **Successor Rates.** Certain of the rates, prices and charges set forth in the applicable Appendix Pricing have been established by the appropriate Commissions in cost proceedings or dockets initiated under or pursuant to the Act. If during the Term that Commission or the FCC changes a rate, price or charge in an order or docket that applies to any of the Interconnection, Resale Services, Network Elements, functions, facilities, products and services available hereunder, the Parties agree to amend this Agreement to incorporate such new rates, prices and charges, with such rates, prices and charges to be effective as of the date specified in such order or docket (including giving effect to any retroactive application, if so ordered). If either Party refuses to execute an amendment to this Agreement within sixty (60) days after the date of such order or docket, the other Party may pursue its rights under Section 10.

2.12 Scope of Obligations

2.12.1 Notwithstanding anything to the contrary contained herein, **SBC-ILEC**'s obligations under this Agreement shall apply only to:

2.12.1 the specific operating area(s) or portion thereof in which **SBC-ILEC** is then deemed to be the ILEC under the Act (**the "ILEC Territory"**), and

2.12.2 assets that **SBC-ILEC** owns or leases and which are used in connection with **SBC-ILEC**'s provision to CLEC of any Interconnection, Resale Services, Network Elements, functions, facilities, products or services provided or contemplated under this Agreement, the Act or any tariff or ancillary agreement referenced herein (individually and collectively, **the "ILEC Assets"**).

3. NOTICE OF CHANGES -- SECTION 251(c)(5)

3.1 Nothing in this Agreement shall limit either Party's ability to upgrade its network through the incorporation of new equipment, new software or otherwise. Each Party agrees to comply with the Network Disclosure rules adopted by the FCC in CC Docket No. 96-98, Second Report and Order, codified at 47 C.F.R. 51.325 through 51.335, as such rules may be amended from time to time (the **"Network Disclosure Rules"**).

4. GENERAL RESPONSIBILITIES OF THE PARTIES

4.1 **SBC-ILEC** and CLEC shall each use their best efforts to meet the Interconnection Activation Dates.

4.2 Each Party is individually responsible to provide facilities within its network that are necessary for routing, transporting, measuring, and billing traffic from the other Party's network and for delivering such traffic to the other Party's network in the standard format compatible with **SBC-ILEC**'s network as referenced in Telcordia BOC Notes on LEC Networks Practice No. SR-TSV-002275, and to terminate the traffic it receives in that standard format to the proper address on its network. The Parties are each solely responsible for participation in and compliance with national network plans, including the National Network Security Plan and the Emergency Preparedness Plan.

4.3 The Parties shall exchange technical descriptions and forecasts of their Interconnection and traffic requirements in sufficient detail necessary to establish the Interconnections required to assure traffic completion to and from all End Users in their respective designated service areas.

4.4 Each Party is solely responsible for all products and services it provides to its End Users and to other Telecommunications Carriers.

4.5 Facilities-based carriers and UNE-based Switch Port providers are responsible for administering their End User records in a LIDB.

4.5.1 **NEVADA** does not have a line information database and/or Calling Name database. Line information database services can be purchased from **PACIFIC**.

4.6 At all times during the Term, each Party shall keep and maintain in force at each Party's expense all insurance required by Applicable Law (e.g. workers' compensation insurance) as well as general liability insurance in the amount of (at least) $10,000,000 for personal injury or death to any one person, property damage resulting from any one incident, and automobile liability with coverage for bodily injury and for property damage. Upon request from the other Party, each Party shall provide to the other Party evidence of such insurance (which may be provided through a program of self-insurance). This Section 4.7 is a general statement of insurance requirements and shall be in addition to any specific requirement of insurance referenced elsewhere in this Agreement or a Referenced Instrument.

4.7 Upon CLEC signature of this Agreement, CLEC shall provide **SBC-ILEC** with CLEC's state-specific authorized and nationally recognized OCN/AECNs for facilities-based (Interconnection and/or unbundled Network Elements) and a separate and distinct OCN/AECN for Resale Services.

4.8 In the event that CLEC makes any corporate name change (including addition or deletion of a d/b/a), change in OCN/AECN, or makes or accepts a transfer or assignment of interconnection trunks or facilities (including leased facilities), or a change in any other CLEC identifier (collectively, a **"CLEC Change"**), CLEC shall submit written notice to **SBC-ILEC** within thirty (30) days of the first action taken to implement such CLEC Change. Within thirty (30) days following receipt of that notice, the Parties shall negotiate rates to compensate **SBC-ILEC** for the costs to be incurred by **SBC-ILEC** to make the CLEC Change to the applicable **SBC-ILEC** databases, systems, records and/or recording announcement(s) for CLEC branded/repair calls. In addition, CLEC shall compensate **SBC-ILEC** for any service order charges and/or service request charges associated with such CLEC Change. **SBC-ILEC**'s agreement to implement a CLEC Change is conditioned upon CLEC's agreement to pay all reasonable charges billed to CLEC for such CLEC Change.

4.9 When a End User changes its service provider from **SBC-ILEC** to CLEC or from CLEC to **SBC-ILEC** and does not retain its original telephone number, the Party formerly providing service to such End User shall furnish a referral announcement **("Referral Announcement")** on the original telephone number that specifies the End User's new telephone number.

4.9.1 The following pertains to **AM-IL**, **AM-WI** and **PACIFIC** only:

4.9.1.1 Referral Announcements shall be provided by a Party to the other Party for the period of time and at the rates set forth in the referring Party's tariff(s); provided, however, if either Party provides Referral Announcements for a period different (either shorter or longer) than the period(s) stated in its tariff(s) when its End Users change their telephone numbers, such Party shall provide the same level of service to End Users of the other Party.

4.9.2 The following applies to **AM-IN** only:

4.9.2.1 Referral Announcements shall be provided by a Party to the other Party for the period specified in 170 IAC 7-1.1-11(I)(3)(a) and (b) and at the rates set forth in the referring Party's tariff(s). However, if either Party provides Referral Announcements for a period different than the above period(s) when its End Users change their telephone numbers, such Party shall provide the same level of service to End Users of the other Party.

4.9.3 The following applies to **AM-MI** only:

4.9.3.1 Referral Announcements shall be provided by a Party to the other Party for the period specified in Michigan Administrative Rule 484.134 and at the rates set forth in the referring Party's tariff(s). However, if either Party provides Referral Announcements for a period longer than the above period(s) when its End Users change their telephone numbers, such Party shall provide the same level of service to End Users of the other Party.

4.9.4 The following applies to **AM-OH** only:

4.9.4.1 Referral Announcements shall be provided by a Party to the other Party for the period of time specified in Rule 4901:1-5-12, Ohio Administrative Code and at the rates set forth in the referring Party's tariff(s). However, if either Party provides Referral Announcements for a period longer than the above period(s) when its End Users change their telephone numbers, such Party shall provide the same level of service to End Users of the other Party.

4.9.5 The following applies to **SNET** only:

4.9.5.1 When an End User changes its local service provider from **SNET** to CLEC, or from CLEC to **SNET**, and does not retain its original telephone number, the Party formerly providing service to the End User shall, on request, provide a referral announcement on the abandoned telephone number, that provides the End User's new telephone number. When this service is normally available for End Users at no charge, e.g., POTS, the reference of calls shall be provided on a reciprocal basis at no charge for a period of six months. This period may be extended on an individual case basis up to an additional six months. However, the period of reference of calls may be shortened in those cases where there is a number exhaust situation for a given location.

4.10 Each Party shall be responsible for labor relations with its own employees. Each Party agrees to notify the other Party as soon as practicable whenever such Party has knowledge that a labor dispute concerning its employees is delaying or threatens to delay such Party's timely performance of its obligations under this Agreement and shall endeavor to minimize impairment of service to the other Party (for example, by using its management personnel to perform work or by other means) in the event of a labor dispute to the extent permitted by Applicable Law.

4.11 Each Party shall act in good faith in its performance under this Agreement and, in each case in which a Party's consent or agreement is required or requested hereunder, such Party shall not unreasonably withhold or delay such consent or agreement.

5. EFFECTIVE DATE, TERM, AND TERMINATION

5.1 This Effective Date of this Agreement shall be ten (10) calendar days after the Commission approves this Agreement under Section 252(e) of the Act or, absent such Commission approval, the date this Agreement is deemed approved under Section 252(e)(4) of the Act.

5.2 The term of this Agreement shall commence upon the Effective Date of this Agreement and shall expire on May 30, 2001 (the **"Term**"). Absent the receipt by one Party of written notice from the other Party at least within 180 days prior to the expiration of the Term to the effect that such Party does not intend to extend the Term, this Agreement shall remain in full force and effect on and after the expiration of the Term until terminated by either Party pursuant to Section 5.3 or 5.4.

5.3 Notwithstanding any other provision of this Agreement, either Party may terminate this Agreement and the provision of any Interconnection, Resale

Services, Network Elements, functions, facilities, products or services provided pursuant to this Agreement, at the sole discretion of the terminating Party, in the event that the other Party fails to perform a material obligation or breaches a material term of this Agreement and the other Party fails to cure such nonperformance or breach within forty-five (45) calendar days after written notice thereof. Any termination of this Agreement pursuant to this Section 5.3 shall take effect immediately upon delivery of written notice to the other Party that it failed to cure such nonperformance or breach within forty-five (45) calendar days after written notice thereof.

5.4 If pursuant to Section 5.2, this Agreement continues in full force and effect after the expiration of the Term, either Party may terminate this Agreement after delivering written notice to the other Party of its intention to terminate this Agreement, subject to Sections 5.5 and 5.6. Neither Party shall have any liability to the other Party for termination of this Agreement pursuant to this Section 5.4 other than its obligations under Sections 5.5 and 5.6.

5.5 Upon termination or expiration of this Agreement in accordance with Sections 5.2, 5.3 or 5.4:

5.5.1 Each Party shall continue to comply with its obligations set forth in Section 42; and

5.5.2 Each Party shall promptly pay all amounts owed under this Agreement or place any Disputed Amounts into an escrow account that complies with Section 8.4 hereof;

5.5.3 Each Party's confidentiality obligations shall survive; and

5.5.4 Each Party 's indemnification obligations shall survive.

5.6 If either Party serves notice of expiration pursuant to Section 5.2 or Section 5.4, CLEC shall have ten (10) days to provide **SBC-ILEC** written confirmation if CLEC wishes to pursue a successor agreement with **SBC-ILEC** or terminate its agreement. CLEC shall identify the action to be taken on each applicable (13) state(s). If CLEC wishes to pursue a successor agreement with **SBC-ILEC**, CLEC shall attach to its written confirmation or notice of expiration/termination, as applicable, a written request to commence negotiations with **SBC-ILEC** under Sections 251/252 of the Act and identify each of the state(s) the successor agreement will cover. Upon receipt of CLEC’s Section 252(a)(1) request, the Parties shall commence good faith negotiations on a successor agreement

5.7 The rates, terms and conditions of this Agreement shall continue in full force and effect until the earlier of (i) the effective date of its successor agreement, whether such successor agreement is established via negotiation, arbitration or pursuant to

Section 252(i) of the Act; or (ii) the date that is ten (10) months after the date on which **SBC-ILEC** received CLEC's Section 252(a)(1) request; provided, however, when a successor agreement becomes effective, the terms, rates and charges of such successor Agreement shall apply retroactively back to the date this Agreement is terminated or expires, whichever is later, and that the retro-active true-up shall be completed within 90 days following the effective date of such successor Agreement.

5.8 If at any time during the Section 252(a)(1) negotiation process (prior to or after the expiration date or termination date of this Agreement), CLEC withdraws its Section 252(a)(1) request, CLEC must include in its notice of withdrawal a request to adopt a successor agreement under Section 252(i) of the Act or affirmatively state that CLEC does not wish to pursue a successor agreement with **SBC-ILEC** for a given state. The rates, terms and conditions of this Agreement shall continue in full force and effect for a period of ninety (90) days after the date CLEC provides notice of withdrawal of its Section 252(a)(1) request. On the ninety-first (91) day following **SBC-ILEC**'s receipt of CLEC's notice of withdrawal of its Section 252(a)(1) request, unless CLEC provided **SBC-ILEC** notice of a Section 252(i) adoption in the interim, the Parties shall, subject to Section 5.5, have no further obligations under this Agreement.

5.9 If CLEC does not affirmatively state that it wishes to pursue a successor agreement with **SBC-ILEC** in its, as applicable, notice of expiration or termination or the written confirmation required after receipt of **SBC'**s notice of expiration or termination, then the rates, terms and conditions of this Agreement shall continue in full force and effect for a period of ninety (90) days after the date CLEC provided or received notice of expiration or termination. On the ninety-first (91) day following CLEC provided or received notice of expiration or termination, the Parties shall, subject to Section 5.5, have no further obligations under this Agreement.

5.10 In the event of termination of this Agreement pursuant to Section 5.9, **SBC-ILEC** and CLEC shall cooperate in good faith to effect an orderly transition of service under this Agreement; provided that CLEC shall be solely responsible (from a financial, operational and administrative standpoint) to ensure that its End Users have been transitioned to a new LEC by the expiration date, termination date of this Agreement.

6. FRAUD

6.1 **SBC-ILEC** shall not be liable to CLEC for any fraud associated with CLEC's End User's account, including 1+ IntraLATA toll, ported numbers, and Alternate Billing Service (ABS). ABS is a service that allows End Users to bill calls to account(s) that might not be associated with the originating line. There are three types of ABS calls: calling card, collect, and third number billed calls.

6.2 The Parties agree to cooperate with one another to investigate, minimize, and take corrective action in cases of fraud involving 1+ IntraLATA toll calls, ABS, and ported numbers. The Parties' fraud minimization procedures are to be cost-effective and implemented so as not to unduly burden or harm one Party as compared to the other.

6.3 In cases of suspected fraudulent activity by an End User, at a minimum, the cooperation referenced in Section 6.2 will include providing to the other Party, upon request, information concerning Customers who terminate services to that Party without paying all outstanding charges. The Party seeking such information is responsible for securing the End User's permission to obtain such information.

6.4 **SBC-AMERITECH, SBC-SWBT, PACIFIC, and SNET** will provide notification messages to CLEC on suspected occurrences of ABS-related fraud on CLEC accounts stored in the applicable LIDB. **PACIFIC** will provide such alert messages by e-mail. **SBC-AMERITECH**, **SBC-SWBT and SNET** will provide via fax.

6.4.1 **SBC-SWBT (on behalf of itself and SNET) and PACIFIC** will use a Sleuth system to determine suspected occurrences of ABS-related fraud for CLEC using the same criteria **SBC-ILEC** uses to monitor fraud on their respective accounts.

6.4.2 CLEC understands that Sleuth alerts only identify potential occurrences of fraud. CLEC understands and agrees that it will need to perform its own investigations to determine whether a fraud situation actually exists. CLEC understands and agrees that it will also need to determine what, if any, action CLEC should take as a result of a Sleuth alert.

6.4.3 The Parties will provide contact names and numbers to each other for the exchange of Sleuth alert notification information twenty-four (24) hours per day seven (7) days per week.

6.4.4 For each alert notification provided to CLEC, CLEC may request a corresponding thirty-day (30-day) historical report of ABS-related query processing. CLEC may request up to three reports per alert.

6.5 In **SBC-SWBT and PACIFIC** ABS-related alerts are provided to CLEC at no additional charge, except as related below.

6.5.1 In **PACIFIC**, 1+ IntraLATA toll fraud alerts are offered for Resale only under the product name Traffic Alert Referral Service (TARS). For TARS, CLEC agrees to pay a recurring usage rate as outlined in Appendix

Pricing.6.6 Traffic Alert Referral Service ("TARS") 1+ Intra-LATA Toll Fraud Monitoring

6.5.2 For terms and conditions for TARS, see Appendix Resale.

6.5.3 TARS is offered in **PACIFIC** only.

7. DEPOSITS (SBC-ILEC- EXCEPT SNET)

7.1 The deposit requirements set forth in this Section 7 apply to the Resale Services and Network Elements furnished under this Agreement. A CLEC furnished both Resale Services and Network Elements in one (1) state under this Agreement shall make two (2) separate deposits for that state, each calculated separately as set forth below in Sections 7.2 through 7.10, inclusive.

7.2 For Deposit requirements for **SNET**, see the applicable **DPUC** ordered tariff.

7.3 If CLEC has not established a minimum of twelve (12) consecutive months good credit history with all telephone company affiliates of **SBC** (that is, **AMERITECH, NEVADA, PACIFIC, SNET and SWBT**) where CLEC is doing or has done business as a local service provider, CLEC shall remit an initial cash deposit to **SBC-ILEC-EXCEPT SNET** prior to the furnishing of Resale Services or Network Elements in each state under this Agreement. The deposit required by the previous sentence shall be determined as follows:

7.3.1 for **NEVADA, PACIFIC and SWBT** if immediately prior to the Effective Date, CLEC was not operating as a Local Service Provider in a state covered by this Agreement, the initial deposit for that state shall be in the amount of $17,000; or

7.3.2 for **NEVADA, PACIFIC, and SWBT** if immediately prior to the Effective Date, CLEC was operating as a Local Service Provider in a state covered by this Agreement, the deposit for that state shall be in the amount calculated using the method set forth in Section 7.7 of this Agreement; or

7.3.3 for **SBC-AMERITECH**, subject to external credit check verification and/or financial statement review, **SBC-AMERITECH** may require two (2) to four (4) months of projected average monthly billings as a deposit.

7.3.4 If CLEC has established a minimum of twelve (12) consecutive months good credit history with all ILEC Affiliates of **SBC** (that is, **AMERITECH, NEVADA, PACIFIC, SNET** and **SWBT**) with which CLEC is doing or has done business as a Local Service Provider, **SBC-ILEC- EXCEPT SNET** shall waive the initial deposit requirement; provided, however, that the terms and conditions set forth in Section 7.1

through Section 7.10 of this Agreement shall continue to apply in each state for the Term . In determining whether CLEC has established a minimum of twelve (12) consecutive months good credit history with each ILEC Affiliate of **SBC** with which CLEC is doing or has done business, CLEC's payment record with each ILEC Affiliate of **SBC** for the most recent twelve (12) months occurring within the twenty-four (24) month period immediately prior to the Effective Date shall be considered.

7.4 Any cash deposit for one state shall be held by **SBC-ILEC-EXCEPT SNET** as a guarantee of payment of charges billed to CLEC, provided, however, **SBC-ILEC-EXCEPT SNET** may exercise its right to credit any cash deposit to CLEC's account upon the occurrence of any one of the following events:

7.4.1 when **SBC-ILEC-EXCEPT SNET** sends CLEC the second delinquency notification for that state during the most recent twelve (12) months; or

7.4.2 when **SBC-ILEC-EXCEPT SNET** suspends CLEC's ability to process orders in accordance with Section 9.6.1.1; or

7.4.3 when CLEC files for protection under the bankruptcy laws; or

7.4.4 when an involuntary petition in bankruptcy is filed against CLEC and is not dismissed within sixty (60) days; or

7.4.5 when this Agreement expires or terminates; or

7.4.6 during the month following the expiration of twelve (12) months after that cash deposit was remitted, **SBC-ILEC-EXCEPT SNET** shall credit any cash deposit to CLEC's account so long as CLEC has not been sent more than one delinquency notification letter for that state during the most recent twelve (12) months.

7.4.7 For the purposes of this Section 7.3, interest will be calculated as specified in Section 8.1 and shall be credited to CLEC's account at the time that the cash deposit is credited to CLEC's account.

7.5 So long as CLEC maintains timely compliance with its payment obligations, **SBC-ILEC-EXCEPT SNET** will not increase the deposit amount required. If CLEC fails to maintain timely compliance with its payment obligations, **SBC-ILEC-EXCEPT SNET** reserves the right to require additional deposit(s) in accordance with Section 7.1 and Section 7.5 through Section 7.10.

7.6 If during the first six (6) months of operations in a state under this Agreement, CLEC has been sent one delinquency notification letter by **SBC-ILEC-EXCEPT**

SNET, the deposit amount for that state shall be re-evaluated based upon CLEC's actual billing totals and shall be increased if CLEC's actual billing average:

7.6.1 for **NEVADA**, **PACIFIC**, **or SWBT** for a two (2) month period exceeds the deposit amount held.

7.6.2 for **AMERITECH** for a two (2) to four (4) month period exceeds the deposit amount held.

7.7 Throughout the Term, any time CLEC has been sent two (2) delinquency notification letters for any one state by **SBC-ILEC-EXCEPT SNET**, the deposit amount for that state shall be re-evaluated based upon CLEC's actual billing totals and shall be increased if CLEC's actual billing average:

7.7.1 or **NEVADA, PACIFIC or SWBT** for a two (2) month period exceeds the deposit amount held.

7.7.2 for **AMERITECH** for a two (2) to four (4) month period exceeds the deposit amount held.

7.8 Whenever a deposit is re-evaluated as specified in Section 7.5 or Section 7.6, such deposit shall be calculated in an amount equal to the average billing to CLEC for that state for a two (2) to four (4) month period. The most recent three (3) months billing on all of CLEC's CBAs/ESBAs/ASBS ("CBA" is utilized in **SWBT** only; "ESBA" is utilized in **PACIFIC** and **NEVADA** only; "ASBS" is utilized in **AMERITECH** only) and BANs for Resale Services or Network Elements within that state shall be used to calculate CLEC's monthly average.

7.8.1 In **SBC-7STATE** only, after calculating the amount equal to the average billing to CLEC for that state for a two (2) month period, add the amount of any charges that would be applicable to transfer all of CLEC's then-existing End-Users of Resale Services to **SBC-7STATE** in the event of CLEC's disconnection for non-payment of charges. The resulting sum is the amount of the deposit.

7.9 Whenever a deposit is re-evaluated as specified in Section 7.5 and Section 7.6, CLEC shall remit the additional deposit amount to **SBC-ILEC-EXCEPT SNET** within thirty (30) calendar days of receipt of written notification from **SBC-ILEC-EXCEPT SNET** requiring such deposit. If CLEC fails to furnish the required deposit within thirty (30) calendar days of receipt of written notice requesting such deposit, **SBC-ILEC-EXCEPT SNET** shall begin the process set forth in Section 9 of this Agreement for that state. If CLEC continues to fail to furnish the required deposit at the expiration of the fourteen (14) calendar days specified in Section 9.3 of this Agreement, then **SBC-ILEC-EXCEPT SNET**

shall begin the procedure(s) set forth in Sections 9.5 and 9.6 of this Agreement for that state.

7.10 This cash deposit requirement may be satisfied in whole or in part with an irrevocable bank letter of credit acceptable to **SBC-ILEC-EXCEPT SNET**. No interest shall be paid by **SBC-ILEC-EXCEPT SNET** for any portion of the deposit requirement satisfied by an irrevocable bank letter of credit. **SBC-ILEC-EXCEPT SNET** may demand payment from the issuing bank of any irrevocable bank letter of credit upon the occurrence of any of the events listed in Section 7.3.1 through 7.3.4.

7.11 The fact that **SBC-ILEC-EXCEPT SNET** holds either a cash deposit or irrevocable bank letter of credit does not relieve CLEC from timely compliance with its payment obligations under this Agreement.

8. BILLING AND PAYMENT OF CHARGES

8.1 Unless otherwise stated, each Party will render monthly bill(s) to the other for Interconnection, Resale Services, Network Elements, functions, facilities, products and services provided hereunder at the rates set forth in the applicable Appendix Pricing, as set forth in applicable tariffs or other documents specifically referenced herein and, as applicable, as agreed upon by the Parties or authorized by a Party.

8.1.1 Remittance in full of all bills rendered by **SBC-AMERITECH, SBC-SWBT and PACIFIC** is due within thirty (30) days of each bill date (the **"Bill Due Date"**) and shall be paid in accordance with the terms of Section 8.3 of this Agreement.

8.1.2 Remittance in full of all bills rendered by **NEVADA** is due in accordance with the terms set forth in the Commission C2-A Tariff, with the date on which amounts are due referred to herein as the **"Bill Due Date"**.

8.1.3 Remittance in full of all bills rendered by **SNET** is due in accordance with the terms set forth in the Connecticut Access Service Tariff approved by the DPUC, with the date on which amounts are due referred to herein as the **"Bill Due Date"**.

8.1.4 Remittance in full of all bills rendered by CLEC is due within thirty (30) days of each bill date (the **"Bill Due Date"**).

8.1.5 If CLEC fails to remit payment for any charges for services by the Bill Due Date, or if a payment or any portion of a payment is received from CLEC after the Bill Due Date, or if a payment or any portion of a payment is received in funds which are not immediately available to **SBC-ILEC-**

EXCEPT SNET as of the Bill Due Date (individually and collectively, **"Past Due"**), then a late payment charge shall be assessed as provided in Sections 8.1.5.1 through 8.1.5.3, as applicable.

8.1.5.1 If any charge incurred under this Agreement that is billed out of any **SBC-ILEC-EXCEPT SNET** billing system is Past Due, the unpaid amounts shall bear interest from the Bill Due Date until paid at the lesser of (i) the rate used to compute the Late Payment Charge in the applicable **SBC-ILEC-EXCEPT SNET** intrastate access services tariff in that state and (ii) the highest rate of interest that may be charged under Applicable Law, compounded daily from the Bill Due Date to and including the date that the payment is actually made and available.

8.1.5.2 If any charge incurred under this Agreement that is billed out of **SBC-SWBT**'s CRIS is Past Due, the unpaid amounts shall bear interest from the Bill Due Date until paid. The interest rate applied to **SBC-SWBT** CRIS-billed Past Due unpaid amounts shall be the lesser of (i) the rate used to compute the Late Payment Charge contained in the applicable **SBC-SWBT** intrastate retail Commission-approved tariff governing Late Payment Charges to **SBC-SWBT**'s retail End Users that are business End Users in that state and (ii) the highest rate of interest that may be charged under Applicable Law, compounded daily from the Bill Due Date to and including the date that the payment is actually made and available.

8.1.5.3 If any charge incurred under this Agreement that is billed out of any **SBC-AMERITECH** billing system is Past Due, the unpaid amounts shall accrue interest from the Due Date at the lesser of (i) one and one-half percent (1 ½%) per month and (ii) the highest rate of interest that may be charged under Applicable Law, compounded daily from the Bill Due Date to and including the date that the payment is actually made and available.

8.2 If any charge incurred by **SBC-ILEC-EXCEPT SNET** under this Agreement is Past Due, the unpaid amounts shall bear interest from the Bill Due Date until paid. The interest rate applied shall be the lesser of (i) the rate used to compute the Late Payment Charge contained in the applicable **SBC-ILEC's-EXCEPT SNET** intrastate access services tariff in that state and (ii) the highest rate of interest that may be charged under Applicable Law, compounded daily from the Bill Due Date to and including the date that the payment is actually made and available.

8.3 CLEC shall make all payments to **SBC-ILEC-EXCEPT SNET** via electronic funds credit transfers through the Automated Clearing House Association (ACH)

network to the financial institution designated by **SBC-ILEC-EXCEPT SNET**. Remittance information will be communicated together with the funds transfer via the ACH network. CLEC shall use the CCD+ or the CTX transaction set. CLEC and **SBC-ILEC-EXCEPT SNET** shall abide by the National Automated Clearing House Association (NACHA) Rules and Regulations. Each ACH credit transfer shall be received by **SBC-ILEC-EXCEPT SNET** no later than the Bill Due Date of each bill or Late Payment Charges will apply. **SBC-ILEC-EXCEPT SNET** shall not be liable for any delays in receipt of funds or errors in entries caused by CLEC or Third Parties, including CLEC's financial institution. CLEC is responsible for its own banking fees.

8.3.1 CLEC shall make all payments to **SNET** in "immediately available funds." All payments to **SNET** shall be made using one of the methods set forth in the Connecticut Access Service Tariff approved by the **CT-DPUC** or via electronic funds credit transfers through the Automated Clearing House Association (ACH) network to the financial institution designated by **SNET**. If CLEC makes payment through funds transfer via the ACH network, remittance information will be communicated together with the funds transfer via the ACH network. If CLEC makes payment through funds transfer via the ACH network, CLEC shall use the CCD+ or the CTX transaction set. CLEC and **SNET** shall abide by the National Automated Clearing House Association (NACHA) Rules and Regulations. Each payment shall be received by **SNET** no later than the Bill Due Date of each bill or Late Payment Charges will apply. **SNET** shall not be liable for any delays in receipt of funds or errors in entries caused by CLEC or Third Parties, including CLEC's financial institution. CLEC is responsible for its own banking fees.

8.4 If any portion of an amount due to a Party (the **"Billing Party"**) for Resale Services or Network Elements under this Agreement is subject to a bona fide dispute between the Parties, the Party billed (the **"Non-Paying Party"**) shall, prior to the Bill Due Date, give written notice to the Billing Party of the amounts it disputes **("Disputed Amounts")** and include in such written notice the specific details and reasons for disputing each item listed in Section 10.4.1. The Non-Paying Party shall pay when due (i) all undisputed amounts to the Billing Party, and (ii) all Disputed Amounts into an interest bearing escrow account with a Third Party escrow agent mutually agreed upon by the Parties. To be acceptable, the Third Party escrow agent must meet all of the following criteria:

8.4.1 The financial institution proposed as the Third Party escrow agent must be located within the continental United States;

8.4.2 The financial institution proposed as the Third Party escrow agent may not be an Affiliate of either Party; and

8.4.3 The financial institution proposed as the Third Party escrow agent must be authorized to handle Automatic Clearing House (ACH) (credit transactions) (electronic funds) transfers.

8.4.4 In addition to the foregoing requirements for the Third Party escrow agent, the disputing Party and the financial institution proposed as the Third Party escrow agent must agree that the escrow account will meet all of the following criteria:

8.4.4.1 The escrow account must be an interest bearing account;

8.4.4.2 All charges associated with opening and maintaining the escrow account will be borne by the disputing Party;

8.4.4.3 That none of the funds deposited into the escrow account or the interest earned thereon may be subjected to the financial institution's charges for serving as the Third Party escrow agent;

8.4.4.4 All interest earned on deposits to the escrow account shall be disbursed to the Parties in the same proportion as the principal; and

8.4.4.5 Disbursements from the escrow account shall be limited to those:

8.4.4.5.1 authorized in writing by both the disputing Party and the Billing Party (that is, signature(s) from representative(s) of the disputing Party only are not sufficient to properly authorize any disbursement); or

8.4.4.5.2 made in accordance with the final, non-appealable order of the arbitrator appointed pursuant to the provisions of Section 10.7; or

8.4.4.5.3 made in accordance with the final, non-appealable order of the court that had jurisdiction to enter the arbitrator's award pursuant to Section 10.7.

8.5 Disputed Amounts in escrow shall be subject to Late Payment Charges as set forth in Section 8.1.

8.6 Issues related to Disputed Amounts shall be resolved in accordance with the procedures identified in the Dispute Resolution provisions set forth in Section 10.

8.7 If the Non-Paying Party disputes any charges for Resale Services or Network Elements and any portion of the dispute is resolved in favor of such Non-Paying

Party, the Parties shall cooperate to ensure that all of the following actions are taken:

8.7.1 the Billing Party shall credit the invoice of the Non-Paying Party for that portion of the Disputed Amounts resolved in favor of the Non-Paying Party, together with any Late Payment Charges assessed with respect thereto no later than the second Bill Due Date after the resolution of the Dispute;

8.7.2 within fifteen (15) calendar days after resolution of the Dispute, the portion of the escrowed Disputed Amounts resolved in favor of the Non-Paying Party shall be released to the Non-Paying Party, together with any accrued interest thereon;

8.7.3 within fifteen (15) calendar days after resolution of the Dispute, the portion of the Disputed Amounts resolved in favor of the Billing Party shall be released to the Billing Party, together with any accrued interest thereon; and

8.7.4 no later than the third Bill Due Date after the resolution of the dispute regarding the Disputed Amounts, the Non-Paying Party shall pay the Billing Party the difference between the amount of accrued interest such Billing Party received from the escrow disbursement and the amount of Late Payment Charges such Billing Party is entitled to receive pursuant to Section 8.1.

8.8 Failure by the Non-Paying Party to pay any charges determined to be owed to the Billing Party within the time specified in Section 8.6 shall be grounds for termination of this Agreement.

8.9 Exchange of Billing Message Information

8.9.1 **SBC-ILEC** will provide CLEC a specific Daily Usage File (**"DUF" or "Usage Extract"**) for Resale Services and Network Element usage sensitive services provided hereunder (**"Customer Usage Data"**). Such Customer Usage Data shall be provided by **SBC-ILEC** in accordance with Exchange Message Interface **(EMI)** guidelines supported by OBF. Any exceptions to the supported formats will be noted in the DUF implementation requirements documentation for each ILEC. The DUF shall include (i) specific daily usage, including both Local Traffic (if and where applicable) and LEC-carried IntraLATA Toll Traffic, in EMI format for usage sensitive services furnished in connection with each Resale Service and Network Element to the extent that similar usage sensitive information is provided to retail End Users of **SBC-ILEC** within that state, (ii) with sufficient detail to enable CLEC to bill its End Users for usage sensitive services furnished by **SBC-ILEC** in connection with

Resale Services and Network Elements provided by **SBC-ILEC**. Procedures and processes for implementing the interfaces with **SBC-ILEC** will be included in implementation requirements documentation.

8.9.2 To establish file transmission for the DUF, CLEC must provide a separate written request for each state to **SBC-ILEC** no less than sixty (60) calendar days prior to the desired first transmission date for each file.

8.9.3 Call detail for LEC-carried calls that are alternately billed to CLEC End Users will be forwarded to CLEC as rated call detail on the DUF.

8.9.4 **SBC-ILEC** shall bill CLEC for DUF furnished by **SBC-ILEC** in accordance with the price(s) provided in the applicable Appendix Pricing under "Electronic Billing Information."

8.9.5 Interexchange call detail on Resale Services or Network Elements (ports) that is forwarded to **SBC-ILEC** for billing, which would otherwise be processed by **SBC-ILEC** for its retail End Users, will be returned to the IXC and will not be passed through to CLEC. This call detail will be returned to the IXC with a transaction code indicating that the returned call originated from a resold account. Billing for Information Services and other ancillary services traffic on Resale Services and Network Elements (ports) will be passed through when **SBC-ILEC** records the message.

8.9.6 Ancillary Services messages originated on or billed to a Resale Service or Network Element (port) in those seven (7) states shall be subject to the rates, terms and conditions of Appendix Message Exchange.

8.9.7 CLEC shall be responsible for providing all billing information to each of its End Users, regardless of the method used to provision the End User's service.

9. NONPAYMENT AND PROCEDURES FOR DISCONNECTION

9.1 Unless otherwise specified therein, Sections 9.1, 9.2, 9.3, 9.4 and 9.5 shall apply to all charges billed for all services Interconnection, Resale Services, Network Elements, functions, facilities, products and services furnished under this Agreement. Section 9.6 shall apply only to Resale Services and Network Elements furnished under this Agreement.

9.1.1 If a Party is furnished services under the terms of this Agreement in more than one (1) state, Sections 9.1 through 9.7, inclusive, shall be applied separately for each such state.

9.2 Failure to pay charges may be grounds for termination of this Agreement. If a Party fails to pay by the Bill Due Date, any and all charges billed to it under this

Agreement, including any Late Payment Charges or miscellaneous charges **("Unpaid Charges"),** and any portion of such Unpaid Charges remain unpaid after the Bill Due Date, the Billing Party shall notify the Non-Paying Party in writing that in order to avoid disruption or disconnection of the applicable Interconnection, Resale Services, Network Elements, functions, facilities, products and services furnished under this Agreement, the Non-Paying Party must remit all Unpaid Charges to the Billing Party.

9.2.1 With respect to Resale Services and Network Elements, **SBC-ILEC** will notify CLEC of any Unpaid Charges that remain unpaid fifteen (15) calendar days after the Bill Due Date and that CLEC must remit payment within fourteen (14) calendar days following receipt of **SBC-ILEC**'s notice.

9.3 If the Non-Paying Party desires to dispute any portion of the Unpaid Charges, the Non-Paying Party shall take all of the following actions not later than fourteen (14) calendar days following receipt of the Billing Party's notice of Unpaid Charges:

9.3.1 notify the Billing Party in writing which portion(s) of the Unpaid Charges it disputes, including the total amount disputed **("Disputed Amounts")** and the specific details listed in Section 10.4.1 of this Agreement, together with the reasons for its dispute; and

9.3.2 immediately pay to the Billing Party all undisputed Unpaid Charges; and

9.3.3 pay all Disputed Amounts relating to Resale Services and Network Elements into an interest bearing escrow account that complies with the requirements set forth in Section 8.4.

9.3.4 With respect to Resale Services and Network Elements, evidence that the Non-Paying Party has established an interest bearing escrow account that complies with all of the terms set forth in Section 8.4 and deposited a sum equal to the Disputed Amounts into that account must be furnished to the Billing Party before the Unpaid Charges will be deemed to be "disputed" under Section 10 of this Agreement.

9.4 Issues related to Disputed Amounts shall be resolved in accordance with the procedures identified in the Dispute Resolution provision set forth in Section 10.

9.5 **SBC-AMERITECH only**

9.5.1 Notwithstanding anything to the contrary herein, if the Non-Paying Party fails to (i) pay any undisputed amounts by the Bill Due Date, (ii) pay the disputed portion of a past due bill into an interest-bearing escrow account

with a Third Party escrow agent, (iii) pay any revised deposit or (iv) make a payment in accordance with the terms of any mutually agreed upon payment arrangement, the Billing Party may, in addition to exercising any other rights or remedies it may have under Applicable Law, provide written demand to the Non-Paying Party for failing to comply with the foregoing. If the Non-Paying Party does not satisfy the written demand within five (5) Business Days of receipt, the Billing Party may exercise any, or all, of the following options:

9.5.1.1 assess a late payment charge and where appropriate, a dishonored check charge;

9.5.1.2 require provision of a deposit or increase an existing deposit pursuant to a revised deposit request;

9.5.1.3 refuse to accept new, or complete pending, orders; and/or

9.5.1.4 discontinue service.

9.5.2 Notwithstanding anything to the contrary in this Agreement, the Billing Party's exercise of any of the above options:

9.5.2.1 shall not delay or relieve the Non-Paying Party's obligation to pay all charges on each and every invoice on or before the applicable Bill Due Date, and

9.5.2.2 Sections 9.5.1.3 and 9.5.1.4 shall exclude any affected order or service from any applicable performance interval or Performance Benchmark.

9.5.3 Once disconnection has occurred, additional charges may apply.

9.6 **SBC-7STATE only**

9.6.1 If any Unpaid Charges for Resale Services remain unpaid and undisputed twenty-nine (29) calendar days past the Bill Due Date of such Unpaid Charges, **SBC-7STATE** shall notify CLEC and the Commission in writing that unless all Unpaid Charges are paid within sixteen (16) calendar days following CLEC's receipt of such notice, the Resale Services furnished to CLEC under this Agreement for which Unpaid Charges are outstanding (i.e., delinquent and undisputed) shall be disconnected. This notice shall further specify that **SBC-7STATE** shall cause any of CLEC's End Users provisioned through Resale Services to be defaulted to **SBC-7STATE** local service.

9.6.1.1 On the same day that it sends the letter required by Section 9.6.1, **SBC-7STATE** will suspend acceptance of any new order and completion of any pending order (other than a disconnect order) from CLEC for any Resale Service or Network Element that could be furnished under this Agreement.

9.6.1.2 Section 9.6.1.1 shall exclude any affected order for Resale Services or Network Elements from any applicable performance interval and computation of any Performance Measurement.

9.6.2 If any Unpaid Charges for Resale Services remain unpaid and undisputed forty (40) calendar days past the Bill Due Date of the Unpaid Charges, CLEC shall, at its sole expense, notify its End Users and the Commission that the End Users' service may be disconnected due to CLEC's failure to pay Unpaid Charges, and that its End Users must affirmatively select a new Local Service Provider within five (5) calendar days. This notice shall also advise CLEC's End Users provisioned through Resale Services that **SBC-7STATE** will transfer provisioning of the End User's account to **SBC-7STATE** at the end of the five (5) calendar day period should the End User fail to select a new Local Service Provider in the interim.

9.6.3 If any Unpaid Charges for Resale Services furnished to CLEC under this Agreement remain unpaid and undisputed forty-five (45) calendar days past the Bill Due Date of such Unpaid Charges, **SBC-7STATE** shall disconnect such Resale Services.

9.6.3.1 On the same date that these Resale Services are disconnected, **SBC-7STATE** shall cause such End Users provisioned through Resale Services to be transferred directly to **SBC-7STATE**'s local service. To the extent available at retail from **SBC-7STATE**, the Resale End Users transferred to **SBC-7STATE**'s local service shall receive the same services provided through CLEC immediately prior to the time of transfer; provided, however, **SBC-7STATE** reserves the right to toll restrict (both interLATA and intraLATA) such transferred End Users.

9.6.3.2 Applicable conversion charges and service establishment charges for transferring End Users from CLEC to **SBC-7STATE** as specified in this Section 9.6 shall be billed to CLEC.

9.6.3.3 **SBC-7STATE** shall inform the Commission of the names of all End Users transferred through this process.

9.6.4 Within five (5) calendar days of the transfer, **SBC-7STATE** shall notify all transferred End Users that because of CLEC's failure to pay **SBC-7STATE**, their local service is now being provided by **SBC-7STATE**. **SBC-7STATE** shall also notify each transferred End User that the End User has thirty (30) calendar days to select a new Local Service Provider.

9.6.5 If any End User transferred to **SBC-7STATE**'s local service pursuant to Section 9.6.3 of this Agreement fails to select a new Local Service Provider within thirty (30) calendar days of the transfer to **SBC-7STATE**'s local service, **SBC-7STATE** shall terminate the End User's service.

9.6.5.1 The transferred End User shall be responsible for any and all charges incurred during the selection period.

9.6.5.2 **SBC-7STATE** shall notify the Commission of the names of all End Users whose service has been terminated pursuant to this Section 9.6.5.

9.6.6 **SBC-7STATE** may discontinue service to CLEC as provided in Section 9.6.3 and shall have no liability to CLEC or CLEC's End Users in the event of such disconnection or any transfer of End Users to **SBC-7STATE** service in connection with such disconnection.

9.6.7 Nothing in this Agreement shall be interpreted to obligate **SBC-7STATE** to continue to provide service to any transferred End User beyond the thirty (30) calendar day selection period. Nothing herein shall be interpreted to limit any and all disconnection rights **SBC-7STATE** has with regard to such End Users under Applicable Law; provided, however,

9.6.7.1 in **PACIFIC** only, following expiration of the selection period and disconnection of such End Users, where facilities permit, **PACIFIC** will furnish transferred and subsequently disconnected residential End Users with "quick dial tone."

9.6.8 Once the letter required by Section 9.6.1 has been sent to CLEC, **SBC-7STATE** shall not accept any order (other than a disconnect order) relating to Resale Services or Network Elements from CLEC until

9.6.8.1 All Unpaid Charges are paid, and

9.6.8.2 CLEC has furnished **SBC-7STATE** a cash deposit calculated pursuant to the terms and conditions of Section 7.

9.7 **SNET only**

9.7.1 For nonpayment and procedures for disconnection for **SNET**, see the applicable **DPUC** ordered tariff.

10. DISPUTE RESOLUTION

10.1 Finality of Disputes

10.1.1 Except as otherwise specifically provided for in this Agreement, no claim may be brought for any dispute arising from this Agreement more than twenty-four (24) months from the date the occurrence which gives rise to the dispute is discovered or reasonably should have been discovered with the exercise of due care and attention.

10.1.2 Notwithstanding anything contained in this Agreement to the contrary, a Party shall be entitled to dispute only those charges for which the Bill Due Date occurred within the twelve (12) months immediately preceding the date on which the other Party received notice of such Disputed Amounts.

10.2 Alternative to Litigation

10.2.1 The Parties desire to resolve disputes arising out of this Agreement without litigation. Accordingly, the Parties agree to use the following Dispute Resolution procedures with respect to any controversy or claim arising out of or relating to this Agreement or its breach.

10.3 Commencing Dispute Resolution

10.3.1 Dispute Resolution shall commence upon one Party's receipt of written notice of a controversy or claim arising out of or relating to this Agreement or its breach. No Party may pursue any claim unless such written notice has first been given to the other Party. There are three (3) separate Dispute Resolution methods:

10.3.1.1 Service Center or LSC

10.3.1.2 Informal Dispute Resolution; and

10.3.1.3 Formal Dispute Resolution,

each of which is described below.

10.4 LSC/Service Center Dispute Resolution - the following Dispute Resolution procedures will apply with respect to any billing dispute arising out of or relating to the Agreement.

10.4.1 If the written notice given pursuant to Section 10.3 discloses that a CLEC dispute relates to billing, then the procedures set forth in this Section 10.4 shall be used and the dispute shall first be referred to the appropriate **Service Center or Local Service Center (LSC);** for resolution. In order to resolve a billing dispute, CLEC shall furnish **SBC-ILEC** written notice of (i) the date of the bill in question, (ii) CBA/ESBA/ASBS or BAN number of the bill in question, (iii) telephone number, circuit ID number or trunk number in question, (iv) any USOC information questioned, (v) amount billed and (vi) amount in question and (vii) the reason that CLEC disputes the billed amount. To be deemed a "dispute" under this Section 10.4, CLEC must provide evidence that it has established an interest bearing escrow account that complies with the requirements set forth in Section 8.4 of this Agreement and deposited all Unpaid Charges relating to Resale Services and Network Elements into that escrow account. Failure to provide the information and evidence required by this Section 10.4.1 not later than twenty-nine (29) days following the Bill Due Date shall constitute CLEC's irrevocable and full waiver of its right to dispute the subject charges.

10.4.2 The Parties shall attempt to resolve Disputed Amounts appearing on **SBC-ILEC**'s current billing statements thirty (30) to sixty (60) calendar days from the Bill Due Date (provided the CLEC furnishes all requisite information and evidence under Section 10.4.1 by the Bill Due Date). If not resolved within thirty (30) calendar days, upon request, **SBC-ILEC** will notify CLEC of the status of the dispute and the expected resolution date.

10.4.3 The Parties shall attempt to resolve Disputed Amounts appearing on statements prior to the current billing statement within thirty (30) to ninety (90) calendar days, but resolution may take longer depending on the complexity of the dispute. If not resolved within thirty (30) calendar days from the date notice of the Disputed Amounts was received (provided that CLEC furnishes all requisite information and evidence under Section 10.4.1), **SBC-ILEC** will notify CLEC of the status of the dispute and the expected resolution date.

10.4.4 Any notice of Disputed Amounts given by **SBC-ILEC** to CLEC pursuant to Section 10.3 shall furnish CLEC written notice of: (i) the date of the bill in question, (ii) the account number or other identification of the bill in question, (iii) any telephone number, circuit ID number or trunk number in question, (iv) any USOC (or other descriptive information) questioned, (v) the amount billed, (vi) the amount in question, and (vii) the reason that SBC disputes the billed amount. The Parties shall attempt to resolve Disputed Amounts appearing on current billing statement(s) thirty (30) to

sixty (60) calendar days from the Bill Due Date (provided **SBC-ILEC-EXCEPT SNET** furnishes all requisite information by the Bill Due Date) and Disputed Amounts appearing on statements prior to the current billing statement within thirty (30) to ninety (90) calendar days, but resolution may take longer depending on the complexity of the dispute. If not resolved within thirty (30) calendar days, CLEC will notify **SBC-ILEC-EXCEPT SNET** of the status of the dispute and the expected resolution date.

10.4.5 If the Non-Paying Party is not satisfied by the resolution of the billing dispute under this Section 10.4, the Non-Paying Party may notify the Billing Party in writing that it wishes to invoke the Informal Resolution of Disputes afforded pursuant to Section 10.5 of this Agreement.

10.5 Informal Resolution of Disputes

10.5.1 Upon receipt by one Party of notice of a dispute by the other Party pursuant to Section 10.3 or Section 10.4.5, each Party will appoint a knowledgeable, responsible representative to meet and negotiate in good faith to resolve any dispute arising under this Agreement. The location, form, frequency, duration, and conclusion of these discussions will be left to the discretion of the representatives. Upon agreement, the representatives may utilize other alternative Dispute Resolution procedures such as mediation to assist in the negotiations. Discussions and the correspondence among the representatives for purposes of settlement are exempt from discovery and production and will not be admissible in the arbitration described below or in any lawsuit without the concurrence of both Parties. Documents identified in or provided with such communications that were not prepared for purposes of the negotiations are not so exempted, and, if otherwise admissible, may be admitted in evidence in the arbitration or lawsuit.

10.6 Formal Dispute Resolution

10.6.1 If the Parties are unable to resolve the dispute through the informal procedure described in Section 10.5, then either Party may invoke the formal Dispute Resolution procedures described in this Section 10.6. Unless agreed among all Parties, formal Dispute Resolution procedures, including arbitration or other procedures as appropriate, may be invoked not earlier than sixty (60) calendar days after receipt of the letter initiating Dispute Resolution under Section 10.3.

10.6.2 Claims Subject to Mandatory Arbitration. The following claims, if not settled through informal Dispute Resolution, will be subject to mandatory arbitration pursuant to Section 10.7 below:

10.6.2.1 Each unresolved billing dispute involving one percent (1%) or less of the amounts charged to the Disputing Party under this Agreement in the state in which the dispute arises during the twelve (12) months immediately preceding receipt of the letter initiating Dispute Resolution under Section 10.3. If the disputing Party has not been billed for a minimum of twelve (12) months immediately preceding receipt of the letter initiating Dispute Resolution under Section 10.3, the Parties will annualize the actual number of months billed.

10.6.3 Claims Subject to Elective Arbitration. Claims will be subject to elective arbitration pursuant to Section 10.7 if, and only if, the claim is not settled through informal Dispute Resolution and both Parties agree to arbitration. If both Parties do not agree to arbitration, then either Party may proceed with any remedy available to it pursuant to law, equity or agency mechanism.

10.6.4 Claims Not Subject to Arbitration. If the following claims are not resolved through informal Dispute Resolution, they will not be subject to arbitration and must be resolved through any remedy available to a Party pursuant to law, equity or agency mechanism.

10.6.4.1 Actions seeking a temporary restraining order or an injunction related to the purposes of this Agreement.

10.6.4.2 Actions to compel compliance with the Dispute Resolution process.

10.6.4.3 All claims arising under federal or state statute(s), including antitrust claims.

10.7 Arbitration

10.7.1 Disputes subject to mandatory or elective arbitration under the provisions of this Agreement will be submitted to a single arbitrator pursuant to the Commercial Arbitration Rules of the American Arbitration Association or pursuant to such other provider of arbitration services or rules as the Parties may agree. The arbitrator shall be knowledgeable of telecommunications issues. Each arbitration will be held in **Dallas, Texas (SBC-SWBT); Chicago, Illinois , (SBC-AMERITECH) San Francisco, California (PACIFIC); Reno, Nevada (NEVADA)**; as appropriate, unless the Parties agree otherwise. The arbitration hearing will be requested to commence within sixty (60) calendar days of the demand for arbitration. The arbitrator will control the scheduling so as to process the

matter expeditiously. The Parties may submit written briefs upon a schedule determined by the arbitrator. The Parties will request that the arbitrator rule on the dispute by issuing a written opinion within thirty (30) calendar days after the close of hearings. The Federal Arbitration Act, 9 U.S.C. Secs. 1-16, not state law, shall govern the arbitrability of all disputes. The arbitrator will have no authority to award punitive damages, exemplary damages, Consequential Damages, multiple damages, or any other damages not measured by the prevailing Party's actual damages, and may not, in any event, make any ruling, finding or award that does not conform to the terms and conditions of this Agreement. The times specified in this Section may be extended or shortened upon mutual agreement of the Parties or by the arbitrator upon a showing of good cause. Each Party will bear its own costs of these procedures, including attorneys' fees. The Parties will equally split the fees of the arbitration and the arbitrator. The arbitrator's award shall be final and binding and may be entered in any court having jurisdiction thereof. Judgment upon the award rendered by the arbitrator may be entered in any court having jurisdiction.

11. AUDITS —SBC-ILEC- EXCEPT SNET

11.1 Subject to the restrictions set forth in Section 20 and except as may be otherwise expressly provided in this Agreement, a Party (the **"Auditing Party"**) may audit the other Party's (the **"Audited Party"**) books, records, data and other documents, as provided herein, once annually, with the audit period commencing not earlier than the date on which services were first supplied under this Agreement **("service start date")** for the purpose of evaluating (i) the accuracy of Audited Party's billing and invoicing of the services provided hereunder and (ii) verification of compliance with any provision of this Agreement that affects the accuracy of Auditing Party's billing and invoicing of the services provided to Audited Party hereunder. Notwithstanding the foregoing, an Auditing Party may audit the Audited Party's books, records and documents more than once annually if the previous audit found (i) previously uncorrected net variances or errors in invoices in Audited Party's favor with an aggregate value of at least five percent (5%) of the amounts payable by Auditing Party for audited services provided during the period covered by the audit or (ii) non-compliance by Audited Party with any provision of this Agreement affecting Auditing Party's billing and invoicing of the services provided to Audited Party with an aggregate value of at least five percent (5%) of the amounts payable by Audited Party for audited services provided during the period covered by the audit.

11.1.1 The scope of the audit shall be limited to the period which is the shorter of (i) the period subsequent to the last day of the period covered by the audit which was last performed (or if no audit has been performed, the service start date and (ii) the twelve (12) month period immediately preceding the

date the Audited Party received notice of such requested audit, but in any event not prior to the service start date. Such audit shall begin no fewer than thirty (30) days after Audited Party receives a written notice requesting an audit and shall be completed no later than thirty (30) days after the start of such audit.

11.1.2 Such audit shall be conducted either by the Auditing Party's employee(s) or an independent auditor acceptable to both Parties; provided, however, if the Audited Party requests that an independent auditor be engaged and the Auditing Party agrees, the Audited Party shall pay one-quarter (1/4) of the independent auditor's fees and expenses. If an independent auditor is to be engaged, the Parties shall select an auditor by the thirtieth day following Audited Party’s receipt of a written audit notice. Auditing Party shall cause the independent auditor to execute a nondisclosure agreement in a form agreed upon by the Parties.

11.1.3 Each audit shall be conducted on the premises of the Audited Party during normal business hours. Audited Party shall cooperate fully in any such audit and shall provide the auditor reasonable access to any and all appropriate Audited Party employees and any books, records and other documents reasonably necessary to assess (i) the accuracy of Audited Party's bills and (ii) Audited Party's compliance with the provisions of this Agreement that affect the accuracy of Auditing Party's billing and invoicing of the services provided to Audited Party hereunder. Audited Party may redact from the books, records and other documents provided to the auditor any Audited Party Proprietary Information that reveals the identity of End Users of Audited Party.

11.1.4 Each Party shall maintain reports, records and data relevant to the billing of any services that are the subject matter of this Agreement for a period of not less than twenty-four (24) months after creation thereof, unless a longer period is required by Applicable Law.

11.1.5 If any audit confirms any undercharge or overcharge, then Audited Party shall (i) promptly correct any billing error, including making refund of any overpayment by Auditing Party in the form of a credit on the invoice for the first full billing cycle after the Parties have agreed upon the accuracy of the audit results and (ii) for any undercharge caused by the actions of the Audited Party, immediately compensate Auditing Party for such undercharge, and (iii) in each case, calculate and pay interest as provided in Section 8.1 (depending on the **SBC** Parties involved), for the number of days from the date on which such undercharge or overcharge originated until the date on which such credit is issued or payment is made and available.

11.1.6 Except as may be otherwise provided in this Agreement, audits shall be performed at Auditing Party's expense, subject to reimbursement by Audited Party of one-quarter (1/4) of any independent auditor's fees and expenses in the event that an audit finds, and the Parties subsequently verify, a net adjustment in the charges paid or payable by Auditing Party hereunder by an amount that is, on an annualized basis, greater than five percent (5%) of the aggregate charges for the audited services during the period covered by the audit.

11.1.7 Any disputes concerning audit results shall be referred to the Parties' respective personnel responsible for informal resolution. If these individuals cannot resolve the dispute within thirty (30) days of the referral, either Party may request in writing that an additional audit shall be conducted by an independent auditor acceptable to both Parties, subject to the requirements set out in Section 11.1. Any additional audit shall be at the requesting Party's expense.

11.1.7.1 Except as provided in Appendix Reciprocal Compensation, **SNET** shall arrange for one (1) annual independent audit to be conducted by a "Big Six" independent public accounting firm or an accounting firm mutually agreed to by **SNET**, CLEC and all other CLECs doing business with **SNET** under the terms of an agreement adopted pursuant to Sections 251 and 252 of the Act for the purpose of evaluating the accuracy of **SNET**'s billing and invoicing.

11.1.7.2 **SNET** will cooperate fully with the independent auditor in such audit and provide reasonable access to any and all appropriate **SNET** employees, books, records and other documents reasonably necessary to perform the audit.

11.1.7.3 **SNET** shall promptly correct any billing error that is revealed in the audit, including making refund of any overpayment to CLEC in the form of a credit on the invoice for the first full billing cycle after the audit report is issued; such refund shall include interest on the overpayment at the rate of eight percent (8%) per year. In the event that the audit reveals any underbilling and resulting underpayment to **SNET** by CLEC, the underpayment shall be reflected in CLEC's invoice for the first full billing cycle after the audit report is issued. **SNET** will not be entitled to recover interest on any underbilling to CLEC revealed by the audit for the time preceding the amount appearing on CLEC's bill from **SNET**, however, **SNET** shall be entitled to recover interest at the interest rate referenced in Section 8.1.5.1 on such underbilling and CLEC shall pay interest for the number of days

from the Bill Due Date of the bill on which such underbilling was rectified until the date on which payment is made and available to **SNET**.

12. DISCLAIMER OF REPRESENTATIONS AND WARRANTIES

12.1 EXCEPT AS EXPRESSLY PROVIDED UNDER THIS AGREEMENT, NO PARTY MAKES OR RECEIVES ANY WARRANTY, EXPRESS OR IMPLIED, WITH RESPECT TO THE INTERCONNECTION, RESALE SERVICES, NETWORK ELEMENTS, FUNCTIONS, FACILITIES, PRODUCTS AND SERVICES IT PROVIDES UNDER OR IS CONTEMPLATED TO PROVIDE UNDER THIS AGREEMENT AND EACH PARTY DISCLAIMS THE IMPLIED WARRANTIES OF MERCHANTABILITY AND/OR OF FITNESS FOR A PARTICULAR PURPOSE. ADDITIONALLY, NEITHER **SBC** NOR CLEC ASSUMES RESPONSIBILITY WITH REGARD TO THE CORRECTNESS OF DATA OR INFORMATION SUPPLIED BY THE OTHER WHEN THIS DATA OR INFORMATION IS ACCESSED AND USED BY A THIRD PARTY.

13. LIMITATION OF LIABILITY

13.1 Except for indemnity obligations expressly set forth herein or as otherwise expressly provided in specific appendices, each Party's liability to the other Party for any Loss relating to or arising out of such Party’s performance under this Agreement, including any negligent act or omission (whether willful or inadvertent), whether in contract, tort or otherwise, including alleged breaches of this Agreement and causes of action alleged to arise from allegations that breach of this Agreement also constitute a violation of a statute, including the Act, shall not exceed in total the amount **SBC-ILEC** or CLEC has charged or would have charged to the other Party for the affected Interconnection, Resale Services, Network Elements, functions, facilities, products and service(s) that were not performed or were improperly performed.

13.2 Except as otherwise expressly provided in specific appendices, in the case of any Loss alleged or claimed by a Third Party to have arisen out of the negligence or willful misconduct of any Party, each Party shall bear, and its obligation shall be limited to, that portion (as mutually agreed to by the Parties or as otherwise established) of the resulting expense caused by its own negligence or willful misconduct or that of its agents, servants, contractors, or others acting in aid or concert with it.

13.3 A Party may, in its sole discretion, provide in its tariffs and contracts with its End Users or Third Parties that relate to any Interconnection, Resale Services, Network Elements, functions, facilities, products and services provided or contemplated under this Agreement that, to the maximum extent permitted by

Applicable Law, such Party shall not be liable to such End User or Third Party for (i) any Loss relating to or arising out of this Agreement, whether in contract, tort or otherwise, that exceeds the amount such Party would have charged the End User or Third Party for the Interconnection, Resale Services, Network Elements, functions, facilities, products and services that gave rise to such Loss and (ii) any Consequential Damages. If a Party elects not to place in its tariffs or contracts such limitation(s) of liability, and the other Party incurs a Loss as a result thereof, the first Party shall indemnify and reimburse the other Party for that portion of the Loss that would have been limited had the first Party included in its tariffs and contracts the limitation(s) of liability described in this Section 13.3.

13.4 Neither CLEC nor **SBC-ILEC** shall be liable to the other Party for any Consequential Damages suffered by the other Party, regardless of the form of action, whether in contract, warranty, strict liability, tort or otherwise, including negligence of any kind, whether active or passive (and including alleged breaches of this Agreement and causes of action alleged to arise from allegations that breach of this Agreement constitutes a violation of the Act or other statute), and regardless of whether the Parties knew or had been advised of the possibility that such damages could result in connection with or arising from anything said, omitted, or done hereunder or related hereto, including willful acts or omissions; provided that the foregoing shall not limit a Party's obligation under Section 14.2 to indemnify, defend, and hold the other Party harmless against any amounts payable to a Third Party, including any Losses, and Consequential Damages of such Third Party; provided, however, that nothing in this Section 13.4 shall impose indemnity obligations on a Party for any Loss or Consequential Damages suffered by a Party's End User in connection with any affected Interconnection, Resale Services, Network Elements, functions, facilities, products and services. Except as provided in the prior sentence, each Party hereby releases and holds harmless the other Party (and such other Party's Affiliates, and their respective officers, directors, employees and agents) from any such Claim.

13.5 **SBC-ILEC** shall not be liable for damages to a End User's premises resulting from the furnishing of any Interconnection, Resale Services, Network Elements, functions, facilities, products or services, including, if applicable, the installation and removal of equipment and associated wiring, unless the damage is caused by **SBC-ILEC**'s gross negligence or willful misconduct. **SBC-ILEC** does not guarantee or make any warranty with respect to Interconnection, Resale Services, Network Elements, functions, facilities, products or services when used in an explosive atmosphere.

13.6 CLEC hereby releases **SBC-ILEC** from any and all liability for damages due to errors or omissions in CLEC's End User listing information as provided by CLEC to **SBC-ILEC** under this Agreement, including any errors or omissions occurring in CLEC's End User listing information as it appears in the White Pages directory, including, but not limited to, special, indirect, Consequential, punitive or incidental damages.

13.7 **SBC-ILEC** shall not be liable to CLEC, its End User or any other Person for any Loss alleged to arise out of the provision of access to 911 service or any errors, interruptions, defects, failures or malfunctions of 911 service.

13.8 This Section 13 is not intended to exempt any Party from all liability under this Agreement, but only to set forth the scope of liability agreed to and the type of damages that are recoverable. Both Parties acknowledge that they negotiated regarding alternate limitation of liability provisions but that such provisions would have altered the cost, and thus the price, of providing the Interconnection, Resale Services, Network Elements, functions, facilities, products and services available hereunder, and no different pricing reflecting different costs and different limits of liability was agreed to.

14. INDEMNITY

14.1 Except as otherwise expressly provided herein or in specific appendices, each Party shall be responsible only for the Interconnection, Resale Services, Network Elements, functions, facilities, products and services which are provided by that Party, its authorized agents, subcontractors, or others retained by such Parties, and neither Party shall bear any responsibility for the Interconnection, Resale Services, Network Elements, functions, facilities, products and services provided by the other Party, its agents, subcontractors, or others retained by such Parties.

14.2 Except as otherwise expressly provided herein or in specific appendices, and to the extent not prohibited by Applicable Law and not otherwise controlled by tariff, each Party (the **"Indemnifying Party"**) shall release, defend and indemnify the other Party (the **"Indemnified Party"**) and hold such Indemnified Party harmless against any Loss to a Third Party arising out of the negligence or willful misconduct **("Fault")** of such Indemnifying Party, its agents, its End Users, contractors, or others retained by such Parties, in connection with the Indemnifying Party's provision of Interconnection, Resale Services, Network Elements, functions, facilities, products and services under this Agreement; provided, however, that (i) with respect to employees or agents of the Indemnifying Party, such Fault occurs while performing within the scope of their employment, (ii) with respect to subcontractors of the Indemnifying Party, such Fault occurs in the course of performing duties of the subcontractor under its subcontract with the Indemnifying Party, and (iii) with respect to the Fault of employees or agents of such subcontractor, such Fault occurs while performing within the scope of their employment by the subcontractor with respect to such duties of the subcontractor under the subcontract.

14.3 In the case of any Loss alleged or claimed by a End User of either Party, the Party whose End User alleged or claimed such Loss (the **"Indemnifying Party"**) shall defend and indemnify the other Party (the **"Indemnified Party"**) against any and

all such Claims or Losses by its End User regardless of whether the underlying Interconnection, Resale Service, Network Element, function, facility, product or service giving rise to such Claim or Loss was provided or provisioned by the Indemnified Party, unless the Claim or Loss was caused by the gross negligence or willful misconduct of the Indemnified Party.

14.4 A Party (the **"Indemnifying Party"**) shall defend, indemnify and hold harmless the other Party **("Indemnified Party")** against any Claim or Loss arising from the Indemnifying Party's use of Interconnection, Resale Services, Network Elements, functions, facilities, products and services provided under this Agreement involving:

14.4.1 any Claim or Loss arising from such Indemnifying Party's use of Interconnection, Resale Services, Network Elements, functions, facilities, products and services offered under this Agreement, involving any Claim for libel, slander, invasion of privacy, or infringement of Intellectual Property rights arising from the Indemnifying Party's own communications or the communications of such Indemnifying Party's End Users.

14.4.1.1 The foregoing includes any Claims or Losses arising from disclosure of any End User-specific information associated with either the originating or terminating numbers used to provision Interconnection, Resale Services, Network Elements, functions, facilities, products or services provided hereunder and all other Claims arising out of any act or omission of the End User in the course of using any Interconnection, Resale Services, Network Elements, functions, facilities, products or services provided pursuant to this Agreement.

14.4.1.2 The foregoing includes any Losses arising from Claims for actual or alleged infringement of any Intellectual Property right of a Third Party to the extent that such Loss arises from an Indemnified Party's or an Indemnified Party's End User's use of Interconnection, Resale Services, Network Elements, functions, facilities, products or services provided under this Agreement; provided, however, that an Indemnifying Party's obligation to defend and indemnify the Indemnified Party shall not apply in the case of:

14.4.1.2.1 any use by an Indemnified Party or its End User of an Interconnection, Resale Service, Network Element, function, facility, product or service in combination with an Interconnection, Resale Service, Network Element, function, facility,

product or service supplied by the Indemnified Party or Persons other than the Indemnifying Party; or

14.4.1.2.2 where an Indemnified Party or its End User modifies or directs the Indemnifying Party to modify such Interconnection, Resale Services, Network Elements, functions, facilities, products or services; and

14.4.1.2.3 no infringement would have occurred without such combined use or modification.

14.4.2 any and all penalties imposed on either Party because of the Indemnifying Party's failure to comply with the Communications Assistance to Law Enforcement Act of 1994 (**CALEA**); provided that the Indemnifying Party shall also, at its sole cost and expense, pay any amounts necessary to modify or replace any equipment, facilities or services provided to the Indemnified Party under this Agreement to ensure that such equipment, facilities and services fully comply with CALEA.

14.5 CLEC acknowledges that its right under this Agreement to Interconnect with **SBC-ILEC**'s network and to unbundle and/or combine **SBC**'s Network Elements (including combining with CLEC's Network Elements) may be subject to or limited by Intellectual Property rights and contract rights of Third Parties.

14.5.1 Subject to **SBC-ILEC**'s obligations under any Commission decisions, it is the sole obligation of CLEC to obtain any consents, authorizations, or licenses to or for any Third Party Intellectual Property rights that may be necessary for CLEC's use of Interconnection, Network Elements, functions, facilities, products and services furnished under this Agreement.

14.5.2 **SBC-ILEC** hereby conveys no licenses to use such Intellectual Property rights and makes no warranties, express or implied, concerning CLEC's (or any Third Parties') rights with respect to such Intellectual Property rights and contract rights, including whether such rights will be violated by such Interconnection or unbundling and/or combining of Network Elements (including combining with CLEC's Network Elements) in **SBC-ILEC**'s network or CLEC's use of other functions, facilities, products or services furnished under this Agreement.

14.5.3 Subject to **SBC-ILEC**'s obligations under any Commission decisions and except as expressly stated in this Agreement, **SBC-ILEC** does not and shall not indemnify, defend or hold CLEC harmless, nor be responsible for indemnifying or defending, or holding CLEC harmless, for any Claims or

Losses for actual or alleged infringement of any Intellectual Property right or interference with or violation of any contract right that arises out of, is caused by, or relates to CLEC's Interconnection with **SBC-ILEC**'s network and unbundling and/or combining **SBC-ILEC**'s Network Elements (including combining with CLEC's Network Elements) or CLEC's use of other functions, facilities, products or services furnished under this Agreement.

14.6 Subject to **SBC-ILEC**'s obligations under any Commission decision and except as expressly stated in this Agreement, CLEC agrees to release, indemnify and hold **SBC-ILEC** harmless from and against all Losses arising out of, caused by, or relating to any real or potential claim that CLEC's Interconnection with **SBC-ILEC**'s network, or CLEC's use of **SBC-ILEC**'s Network Elements, or unbundling and/or combining of **SBC-ILEC**'s Network Elements (including combining with CLEC's Network Elements) or CLEC's use of other functions, facilities, products or services furnished under this Agreement violates or infringes upon any Third Party Intellectual Property rights or constitutes a breach of contract. In no event shall **SBC-ILEC** be liable for any actual or Consequential Damages that CLEC may suffer arising out of same.

14.7 CLEC shall reimburse **SBC-ILEC** for damages to **SBC-ILEC**'s facilities utilized to provide Interconnection or unbundled Network Elements hereunder caused by the negligence or willful act of CLEC, its agents or subcontractors or CLEC's End User or resulting from CLEC's improper use of **SBC-ILEC**'s facilities, or due to malfunction of any facilities, functions, products, services or equipment provided by any person or entity other than **SBC-ILEC**. Upon reimbursement for damages, **SBC-ILEC** will cooperate with CLEC in prosecuting a claim against the person causing such damage. CLEC shall be subrogated to the right of recovery by **SBC-ILEC** for the damages to the extent of such payment.

14.8 Indemnification Procedures

14.8.1 Whenever a claim shall arise for indemnification under this Section 14, the relevant Indemnified Party, as appropriate, shall promptly notify the Indemnifying Party and request in writing the Indemnifying Party to defend the same. Failure to so notify the Indemnifying Party shall not relieve the Indemnifying Party of any liability that the Indemnifying Party might have, except to the extent that such failure prejudices the Indemnifying Party's ability to defend such claim.

14.8.2 The Indemnifying Party shall have the right to defend against such liability or assertion, in which event the Indemnifying Party shall give written notice to the Indemnified Party of acceptance of the defense of such claim and the identity of counsel selected by the Indemnifying Party.

14.8.3 Until such time as Indemnifying Party provides written notice of acceptance of the defense of such claim, the Indemnified Party shall defend such claim, at the expense of the Indemnifying Party, subject to any right of the Indemnifying Party to seek reimbursement for the costs of such defense in the event that it is determined that Indemnifying Party had no obligation to indemnify the Indemnified Party for such claim.

14.8.4 Upon accepting the defense, the Indemnifying Party shall have exclusive right to control and conduct the defense and settlement of any such claims, subject to consultation with the Indemnified Party. So long as the Indemnifying Party is controlling and conducting the defense, the Indemnifying Party shall not be liable for any settlement by the Indemnified Party unless such Indemnifying Party has approved such settlement in advance and agrees to be bound by the agreement incorporating such settlement.

14.8.5 At any time, an Indemnified Party shall have the right to refuse a compromise or settlement, and, at such refusing Party's cost, to take over such defense; provided that, in such event the Indemnifying Party shall not be responsible for, nor shall it be obligated to indemnify the refusing Party against, any cost or liability in excess of such refused compromise or settlement.

14.8.6 With respect to any defense accepted by the Indemnifying Party, the Indemnified Party will be entitled to participate with the Indemnifying Party in such defense if the claim requests equitable relief or other relief that could affect the rights of the Indemnified Party, and shall also be entitled to employ separate counsel for such defense at such Indemnified Party's expense.

14.8.7 If the Indemnifying Party does not accept the defense of any indemnified claim as provided above, the Indemnified Party shall have the right to employ counsel for such defense at the expense of the Indemnifying Party.

14.8.8 In the event of a failure to assume the defense, the Indemnified Party may negotiate a settlement, which shall be presented to the Indemnifying Party. If the Indemnifying Party refuses to agree to the presented settlement, the Indemnifying Party may take over the defense. If the Indemnifying Party refuses to agree to the presented settlement and refuses to take over the defense, the Indemnifying Party shall be liable for any reasonable cash settlement not involving any admission of liability by the Indemnifying Party, though such settlement may have been made by the Indemnified Party without approval of the Indemnifying Party, it being the Parties' intent that no settlement involving a non-monetary concession by the Indemnifying Party, including an admission of liability by such Party, shall take effect without the written approval of the Indemnifying Party.

14.8.9 Each Party agrees to cooperate and to cause its employees and agents to cooperate with the other Party in the defense of any such claim and the relevant records of each Party shall be available to the other Party with respect to any such defense, subject to the restrictions and limitations set forth in Section 20.

15. REMEDIES

15.1 Except as otherwise provided in this Agreement, no remedy set forth herein is intended to be exclusive and each and every remedy shall be cumulative and in addition to any other rights or remedies now or hereafter existing under Applicable Law or otherwise

16. INTELLECTUAL PROPERTY

16.1 Intellectual Property - **SBC-8STATE**

16.1.1 **SBC-8STATE** will provide to CLEC a list of all vendors/licensors applicable to unbundled Network Element(s) (which vendors have provided **SBC-8STATE** a software license) within seven (7) days of CLEC's request for such a list. Except as may be required by Commission decisions, **SBC-8STATE** makes no warranties, express or implied, concerning CLEC's (or any Third Parties) rights with respect to the use of Intellectual Property rights. **SBC-8STATE** reserves the right to amend the Intellectual Property provision of this Agreement to reflect the FCC ruling (and any appeal therefrom) in CC Docket No. 96-98 (File No. CCBPol 97-4), In the Matter of Petition of MCI for Declaratory Ruling.

16.1.2 Any Intellectual Property that originates from or is developed by a Party shall remain in the exclusive ownership of that Party.

16.1.3 **SBC-8STATE** will indemnify CLEC for any claims of infringement arising from CLEC's use of Intellectual Property within the scope of any "right to use" agreement negotiated by **SBC-8STATE** for CLEC pursuant to Section 16.1.1. CLEC will indemnify **SBC-8STATE** for any claims of infringement arising from CLEC's use of Intellectual Property beyond the scope of any "right to use" agreement negotiated by **SBC-8STATE** for CLEC pursuant to Section 16.1.1.

16.2 Intellectual Property-**PACIFIC** only:

16.2.1 To the extent required by the decision of the CPUC, **PACIFIC** will provide CLEC with Intellectual Property rights related to **PACIFIC**'s unbundled Network Elements. CLEC, as the provider of service using the unbundled Network Elements, will provide all features, functions, and capabilities of the individual element to the End Users.

17. NOTICES

17.1 Subject to Section 17.2, notices given by one Party to the other Party under this Agreement shall be in writing (unless specifically provided otherwise herein), and unless otherwise expressly required by this Agreement to be delivered to another representative or point of contact, shall be

17.1.1 delivered personally;

17.1.2 delivered by express overnight delivery service;

17.1.3 mailed, via certified mail or first class U.S. Postal Service, with postage prepaid, and a return receipt requested; or

17.1.4 delivered by facsimile; provided that a paper copy is also sent by a method described in (a), (b) or (c) of this Section 17.

17.1.5 Notices will be deemed given as of the earliest of:

17.1.5.1 the date of actual receipt,

17.1.5.2 the next Business Day when sent via express overnight delivery service,

17.1.5.3 five (5) days after mailing in the case of first class or certified U.S. Postal Service, or

17.1.5.4 on the date set forth on the confirmation produced by the sending facsimile machine when delivered by facsimile prior to 5:00 p.m. in the recipient's time zone, but the next Business Day when delivered by facsimile at 5:00 p.m. or later in the recipient's time zone.

17.1.6 Notices will be addressed to the Parties as follows:

NOTICE CONTACT	**CLEC CONTACT**	**SBC-ILEC CONTACT**
NAME/TITLE	Susan McAdams Vice-President, Government & Industry Affairs	Contract Administration ATTN: Notices Manager
STREET ADDRESS	3000 Columbia House Blvd., Suite 106	311 S. Akard, 9th Floor Four Bell Plaza
CITY, STATE, ZIP CODE	Vancouver, WA 98661	Dallas, TX 75202-5398
TELEPHONE NUMBER	360-693-8554	214-464-1933
FACSIMILE NUMBER	360-693-9997	214-464-2006

17.1.7 Either Party may unilaterally change its designated contact, address, telephone number and/or facsimile number for the receipt of notices by giving written notice to the other Party in compliance with this Section. Any notice to change the designated contact, address, telephone and/or facsimile number for the receipt of notices shall be deemed effective ten (10) days following receipt by the other Party.

17.2 **SBC-8STATE** communicates official information to CLECs via its Accessible Letter notification process. This process covers a variety of subjects, including updates on products/services promotions; deployment of new products/services; modifications and price changes to existing products/services; cancellation or retirement of existing products/services; and operational issues.

17.3 In the **SBC-8STATE**s CLEC may elect in writing to receive Accessible Letter notification via electronic mail **("e-mail")** distribution, either in lieu of or in addition to United States Postal Service (postage prepaid) distribution. CLEC acknowledges that United States Postal Service (postage prepaid) delivery will delay receipt of the information for a minimum of three (3) to five (5) days from the date the information is made available via e-mail. Accessible Letter notification via e-mail will be deemed given as of the earlier of the date of actual receipt and the date set forth on the e-mail receipt.

17.4 In **SBC-8STATE** CLEC may designate an unlimited number of recipients for Accessible Letter notification via e-mail, but CLEC is limited to designating a maximum of four (4) recipients (in addition to the CLEC contact designated in Section 17.1) for Accessible Letter notification via United States Postal Service (postage prepaid).

17.5 In **SBC-8STATE** CLEC shall submit a completed Notices / Accessible Letter Recipient Change Request Form (available on the applicable **SBC-8STATE**'s CLEC Handbook website) to the individual specified on that form to designate in writing each individual (other than the CLEC contact designated in Section 17.1) to whom CLEC requests Accessible Letter notification be sent, whether via e-mail or United States Postal Service. CLEC shall submit a completed Notices / Accessible Letter Recipient Change Request Form to add, remove or change recipient information for any CLEC recipient of Accessible Letters (other than the CLEC contact designated in Section 17.1). Any completed Notices / Accessible Letter Recipient Change Request Form shall be deemed effective ten (10) days following receipt by **SBC-8STATE**.

17.6 **SBC-SWBT only:**

17.6.1 **SBC-SWBT** shall provide a toll free facsimile number to CLEC for the submission of requests for Resale Services and Network Elements under this Agreement; CLEC shall provide **SBC-SWBT** with a toll free facsimile number for notices from **SBC-SWBT** relating to requests for Resale Services and Network Elements under this Agreement.

17.7 **SBC-AMERITECH only:**

17.7.1 **SBC-AMERITECH** communicates official information to CLECs via its TCNet notification process. This process covers a variety of subjects, including updates on products/services promotions; deployment of new products/services; modifications and price changes to existing products/services; cancellation or retirement of existing products/services; and operational issues.

18. PUBLICITY AND USE OF TRADEMARKS OR SERVICE MARKS

18.1 Neither Party nor its subcontractors or agents shall use in any advertising or sales promotion, press releases, or other publicity matters any endorsements, direct or indirect quotes, or pictures that imply endorsement by the other Party or any of its employees without such first Party's prior written approval. The Parties will submit to each other for written approval, prior to publication, all publicity matters that mention or display one another's name and/or marks or contain language from which a connection to said name and/or marks may be inferred or implied; the Party to whom a request is directed shall respond promptly. Nothing

herein, however, shall be construed as preventing either Party from publicly stating the fact that it has executed this Agreement with the other Party.

18.2 Nothing in this Agreement shall grant, suggest, or imply any authority for one Party to use the name, trademarks, service marks, logos, proprietary trade dress or trade names of the other Party in any advertising, press releases, publicity matters, marketing and/or promotional materials or for any other commercial purpose without prior written approval from such other Party.

19. NO LICENSE

19.1 Except at otherwise expressly provided in this Agreement, no license under patents, copyrights or any other Intellectual Property right (other than the limited license to use consistent with the terms, conditions and restrictions of this Agreement) is granted by either Party or shall be implied or arise by estoppel with respect to any transactions contemplated under this Agreement.

20. CONFIDENTIALITY

20.1 All information, including specifications, microfilm, photocopies, magnetic disks, magnetic tapes, audit information, models, system interfaces, forecasts, computer programs, software, documentation, drawings, sketches, models, samples, tools, technical information, data, employee records, maps, financial reports, and market data shall be deemed "Confidential" or "Proprietary" (**collectively "Proprietary Information"**) if :

20.1.1 Furnished or made available or otherwise disclosed by one Party (the **"Disclosing Party"**) or its agent, employee, representative or Affiliate to the other Party (the **"Receiving Party"**) or its agent, employee, representative or Affiliate dealing with End User-specific, facility-specific, or usage-specific information, other than End User information communicated for the purpose of publication or directory database inclusion, 911, call processing, billing or settlement or for such other purposes as mutually agreed upon;

20.1.2 In written, graphic, electromagnetic, or other tangible form and marked at the time of delivery as "Confidential" or "Proprietary;"; or

20.1.3 Communicated orally and declared to the Receiving Party at the time of delivery to be "Confidential" or "Proprietary", and which shall be summarized in writing and marked "Confidential" or "Proprietary" and delivered to the Receiving Party within ten (10) days following such disclosure; and

20.1.4 Any portion of any notes, analyses, data, compilations, studies, interpretations or other documents prepared by any Receiving Party to the extent the same contain, reflect, are derived from, or are based upon, any of the information described in this Section 20, unless such information contained or reflected in such notes, analyses, etc. is so commingled with the Receiving Party's information that disclosure could not possibly disclose the underlying proprietary or confidential information (such portions of such notes, analyses, etc. referred to herein as **"Derivative Information"**).

20.2 Proprietary Information Shall be Held in Confidence

20.2.1 Each Receiving Party agrees that:

(a) all Proprietary Information communicated to it or any of its agents, employees, representatives and Affiliates in connection with this Agreement shall be held in confidence to the same extent as such Receiving Party holds its own confidential information of like importance; provided that such Receiving Party and its agents, employees, representatives and Affiliates shall not use less than a reasonable standard of care in maintaining the confidentiality of such information;

(b) it will not, and it will not permit any of its agents, employees, representatives and Affiliates to disclose such Proprietary Information to any Third Party;

(c) it will disclose Proprietary Information only to those of its agents, employees, representatives and Affiliates who have a need for it in connection with the use or provision of any services required to fulfill this Agreement; and

(d) it will, and will cause each of its agents, employees, representatives and Affiliates, to use such Proprietary Information only to perform its obligations under this Agreement or to use services provided by the Disclosing Party hereunder and for no other purpose, including its own marketing purposes.

20.2.2 A Receiving Party may disclose Proprietary Information of a Disclosing Party to the Receiving Party's agents, employees, representatives and Affiliates who need to know such information to perform their obligations under this Agreement; provided that before disclosing any Proprietary Information to any agent, employee, representative or Affiliate, the Receiving Party shall notify such agent, employee, representative or Affiliate of such Party's obligation to comply with this Agreement. Any Receiving Party so disclosing Proprietary Information shall be jointly and

severally liable for any breach of this Agreement by any of its agents, employees, representatives and Affiliates and such Receiving Party agrees, at its sole expense, to use its reasonable efforts (including court proceedings) to restrain its agents, employees, representatives and Affiliates from any prohibited or unauthorized disclosure or use of the Proprietary Information. Each Receiving Party making such disclosure shall notify the Disclosing Party as soon as possible if it has knowledge of a breach of this Agreement in any material respect. A Disclosing Party shall not disclose Proprietary Information directly to an agent, employee, representative or Affiliate of the Receiving Party without the prior written authorization of the Receiving Party.

20.2.3 Proprietary Information shall not be reproduced by any Receiving Party in any form except to the extent (i) necessary to comply with the provisions of Section 20.5 and (ii) reasonably necessary to perform its obligations under this Agreement. All such reproductions shall bear the same copyright and proprietary rights notices as are contained in or on the original.

20.3 Unless otherwise agreed, the obligations of confidentiality and non-use set forth in this Agreement do not apply to such Proprietary Information that:

20.3.1 Was at the time of receipt, already known to the Receiving Party, free of any obligation to keep confidential and evidenced by written records prepared prior to delivery by the Disclosing Party; or

20.3.2 Is, or becomes publicly known through no wrongful act of the Receiving Party; or

20.3.3 Is rightfully received from a Third Party having no direct or indirect secrecy or confidentiality obligation to the Disclosing Party with respect to such information; provided that such Receiving Party has exercised commercially reasonable efforts to determine whether such Third Party has any such obligation; or

20.3.4 Is independently developed by an agent, employee representative or Affiliate of the Receiving Party and such Party is not involved in any manner with the provision of services pursuant to this Agreement and does not have any direct or indirect access to the Proprietary Information; or

20.3.5 Is disclosed to a Third Party by the Disclosing Party without similar restrictions on such Third Party's rights; or

20.3.6 Is approved for release by written authorization of the Disclosing Party, but only to the extent of the authorization granted; or

20.3.7 Is required to be made public by the Receiving Party pursuant to Applicable Law or regulation, provided that such production or disclosure shall have been made in accordance with Section 20.5.

20.4 Proposed Disclosure of Proprietary Information to a Governmental Authority

20.4.1 If a Receiving Party desires to disclose or provide to a Commission, the FCC or any other governmental authority any Proprietary Information of the Disclosing Party, such Receiving Party shall, prior to and as a condition of such disclosure, (i) provide the Disclosing Party with written notice and the form of such proposed disclosure as soon as possible but in any event early enough to allow the Disclosing Party to protect its interests in the Proprietary Information to be disclosed and (ii) attempt to obtain in accordance with the applicable procedures of the intended recipient of such Proprietary Information an appropriate order for protective relief or other reliable assurance that confidential treatment shall be accorded to such Proprietary Information.

20.4.2 If a Receiving Party is required by any Governmental Authority or by Applicable Law to disclose any Proprietary Information, then such Receiving Party shall provide the Disclosing Party with written notice of such requirement as soon as possible, and in no event later than five (5) calendar days after receipt of such requirement, and prior to such disclosure. Upon receipt of written notice of the requirement to disclose Proprietary Information, the Disclosing Party at its expense, may then either seek appropriate protective relief in advance of such requirement to prevent all or part of such disclosure or waive the Receiving Party's compliance with this Section 20.4 with respect to all or part of such requirement.

20.4.3 The Receiving Party shall use all commercially reasonable efforts to cooperate with the Disclosing Party in attempting to obtain any protective relief which such Disclosing Party chooses to seek pursuant to this Section 20.4. In the absence of such relief, if the Receiving Party is legally compelled to disclose any Proprietary Information, then the Receiving Party shall exercise all commercially reasonable efforts to preserve the confidentiality of the Proprietary information, including cooperating with the Disclosing Party to obtain an appropriate order for protective relief or other reliable assurance that confidential treatment will be accorded the Proprietary Information.

20.5 Notwithstanding any of the foregoing, **SBC-ILEC** shall be entitled to disclose Proprietary Information on a confidential basis to regulatory agencies upon request for information as to **SBC-ILEC**'s activities under the Act and **SBC-ILEC** need not provide prior written notice of such disclosure to CLEC if **SBC-**

ILEC has obtained an appropriate order for protective relief or other reliable assurance that confidential treatment shall be accorded to such Proprietary Information.

20.6 Return of Proprietary Information

20.6.1 All Proprietary Information, other than Derivative Information, shall remain the property of the Disclosing Party, and all documents or other tangible media delivered to the Receiving Party that embody such Proprietary Information shall be, at the option of the Disclosing Party, either promptly returned to Disclosing Party or destroyed, except as otherwise may be required from time to time by Applicable Law (in which case the use and disclosure of such Proprietary Information will continue to be subject to this Agreement), upon the earlier of (i) the date on which the Receiving Party's need for it has expired and (ii) the expiration or termination of this Agreement.

20.6.2 At the request of the Disclosing Party, any Derivative Information shall be, at the option of the Receiving Party, either promptly returned to the Disclosing Party or destroyed, except as otherwise may be required from time to time by Applicable Law (in which case the use and disclosure of such Derivative Information will continue to be subject to this Agreement), upon the earlier of (i) the date on which the Receiving Party's need for it has expired and (ii) the expiration or termination of this Agreement.

20.6.3 The Receiving Party may at any time either return the Proprietary Information to the Disclosing Party or destroy such Proprietary Information. If the Receiving Party elects to destroy Proprietary Information, all copies of such information shall be destroyed and upon the written request of the Disclosing Party, the Receiving Party shall provide to the Disclosing Party written certification of such destruction. The destruction or return of Proprietary information shall not relieve any Receiving Party of its obligation to continue to treat such Proprietary Information in the manner required by this Agreement.

20.7 Notwithstanding any other provision of this Agreement, the Proprietary Information provisions of this Agreement shall apply to all information furnished by either Party to the other in furtherance of the purpose of this Agreement, even if furnished before the date of this Agreement and each Party's obligation to safeguard Proprietary Information disclosed prior to expiration or termination of this Agreement will survive such expiration or termination.

20.8 Pursuant to Section 222(b) of the Act, both Parties agree to limit their use of Proprietary Information received from the other to the permitted purposes identified in the Act.

20.9 Each Party has the right to refuse to accept any Confidential Information under this Agreement, and nothing herein shall obligate either Party to disclose to the other Party any particular information.

20.10 The Parties agree that an impending or existing violation of any provision of this Section 20 would cause the Disclosing Party irreparable injury for which it would have no adequate remedy at law, and agree that Disclosing Party shall be entitled to obtain immediate injunctive relief prohibiting such violation, in addition to any other rights and remedies available to it at law or in equity, including both specific performance and monetary damages. In the event of any breach of this Section 20 for which legal or equitable relief is sought, all reasonable attorney's fees and other reasonable costs associated therewith shall be recoverable by the prevailing Party.

21. INTERVENING LAW

21.1 This Agreement is entered into as a result of both negotiations between the Parties and the incorporation of results of orders, rules and arbitration decisions of the Commissions, and/or FCC. If any of the rates, terms and/or conditions herein, or any of the laws or regulations that were the basis or rationale for such rates, terms and/or conditions in the Agreement, are invalidated, modified or stayed by any action of any state or federal regulatory or legislative bodies or courts of competent jurisdiction, including any decision by the Eighth Circuit relating to any of the costing/pricing rules adopted by the FCC in its First Report and Order, *In re: Implementation of the Local Competition Provisions in the Telecommunications Act of 1996*, 11 FCC Rcd 15499 (1996)(e.g., Section 51.501, et seq.), upon review and remand from the United States Supreme Court, in *AT&T Corp. v. Iowa Utilities Bd.*, 119 S. Ct. 721 (1999) or *Ameritech v. FCC*, No. 98-1381, 1999 WL 116994, 1999 Lexis 3671 (June 1, 1999), the affected provision shall be immediately invalidated, modified, or stayed, consistent with the action of the legislative body, court, or regulatory agency upon the written request of either Party. In such event, the Parties shall expend diligent efforts to arrive at an agreement regarding the appropriate conforming modifications to the Agreement. If negotiations fail, disputes between the Parties concerning the interpretation of the actions required or provisions affected by such governmental actions shall be resolved pursuant to the Dispute Resolution process provided for in this Agreement. Without limiting the general applicability of the foregoing, the Parties acknowledge that on January 25, 1999, the United States Supreme Court issued its opinion in *AT&T Corp. v. Iowa Utilities Bd.*, 119 S. Ct. 721 (1999) and on June 1, 1999, the United States Supreme Court issued its opinion in *Ameritech v. FCC*, No. 98-1381, 1999 WL 116994, 1999 Lexis 3671 (1999). The Parties further acknowledge and agree that by executing this Agreement, neither Party waives any of its rights, remedies, or arguments with respect to such decisions and any remand thereof, including its rights under this Intervening Law paragraph.

22. GOVERNING LAW

22.1 Unless otherwise provided by Applicable Law, this Agreement shall be governed by and construed in accordance with the Act, the FCC Rules and Regulations interpreting the Act and other applicable federal law. To the extent that federal law would apply state law in interpreting this Agreement, the domestic laws of the state in which the Interconnection, Resale Services, Network Elements, functions, facilities, products and services at issue are furnished or sought shall apply, without regard to that state's conflict of laws principles. The Parties submit to personal jurisdiction in Little Rock, Arkansas; San Francisco, California; New Haven, Connecticut; Chicago, Illinois; Indianapolis, Indiana; Topeka, Kansas; Detroit, Michigan; St. Louis, Missouri; Reno, Nevada; Columbus, Ohio; Oklahoma City, Oklahoma; Dallas, Texas and Milwaukee, Wisconsin, and waive any and all objection to any such venue.

23. REGULATORY APPROVAL

23.1 The Parties understand and agree that this Agreement and any amendment or modification hereto will be filed with the Commission for approval in accordance with Section 252 of the Act and may thereafter be filed with the FCC. The Parties believe in good faith and agree that the services to be provided under this Agreement are in the public interest. Each Party covenants and agrees to fully support approval of this Agreement by the Commission or the FCC under Section 252 of the Act without modification.

24. CHANGES IN END USER LOCAL EXCHANGE SERVICE PROVIDER SELECTION

24.1 **SBC-ILEC (Excluding SNET)**

24.1.1 Each Party will abide by applicable federal and state laws and regulations in obtaining End User authorization prior to changing an End User's Local Exchange Carrier to itself and in assuming responsibility for any applicable charges as specified in Section 258(b) of the Telecommunications Act of 1996. Each Party shall deliver to the other Party a representation of authorization that applies to all orders submitted by a Party under this Agreement requiring a LEC change. A Party's representation of authorization shall be delivered to the other Party prior to the first order submitted to the other Party. Each Party shall retain on file all applicable letters and other documentation of authorization relating to its End User's selection of such Party as its LEC, which documentation shall be available for inspection by the other Party at its request during normal business hours and at no charge.

24.1.2 Only an End User can initiate a challenge to a change in its LEC. If an End User notifies one Party that the End User requests local exchange service, and the other Party is such End User's LEC, then the Party receiving such request shall be free to immediately access such End User's CPNI subject to the requirements of the applicable Appendix OSS restricting access to CPNI in order to immediately provide service to such End User.

24.1.3 When an End User changes or withdraws authorization from its LEC, each Party shall release End User-specific facilities belonging to the ILEC in accordance with the End User's direction or that of the End User's authorized agent. Further, when an End User abandons its premise (that is, its place of business or domicile), **SBC-ILEC** is free to reclaim the unbundled Network Element facilities for use by another End User and is free to issue service orders required to reclaim such facilities.

24.2 Applies to **SNET** only

24.2.1 The Parties agree that CLEC will not submit a Local Exchange Carrier order for an End User to the Local Service Provider currently serving that End User without proper authorization from that End User, as required by the FCC in Subpart K, Part 64 rules and regulations and by the DPUC in its applicable rules and regulations. **SNET**'s wholesale tariff, Section 18, further documents requirements for Local Exchange Carrier changes and required End User authorizations.

24.2.2 The Parties agree to the re-use of existing network facilities when an End User changes its provider of local exchange service and the network facilities are provided by the same network provider.

25. COMPLIANCE AND CERTIFICATION

25.1 Each Party shall comply at its own expense with all Applicable Laws that relate to that Party's obligations to the other Party under this Agreement. Nothing in this Agreement shall be construed as requiring or permitting either Party to contravene any mandatory requirement of Applicable Law.

25.2 Each Party warrants that it has obtained all necessary state certification required in each state covered by this Agreement prior to ordering any Interconnection, Resale Services, Network Elements, functions, facilities, products and services from the other Party pursuant to this Agreement. Upon request, each Party shall provide proof of certification.

25.3 Each Party shall be responsible for obtaining and keeping in effect all approvals from, and rights granted by, Governmental Authorities, building and property

owners, other carriers, and any other Third Parties that may be required in connection with the performance of its obligations under this Agreement.

25.4 Each Party represents and warrants that any equipment, facilities or services provided to the other Party under this Agreement comply with the CALEA.

26. LAW ENFORCEMENT

26.1 **SBC-ILEC (Excluding SNET)** and CLEC shall reasonably cooperate with the other Party in handling law enforcement requests as follows:

26.1.1 Intercept Devices:

26.1.1.1 Local and federal law enforcement agencies periodically request information or assistance from local telephone service providers. When either Party receives a request associated with an End User of the other Party, it shall refer such request to the Party that serves such End User, unless the request directs the receiving Party to attach a pen register, trap-and-trace or form of intercept on the Party's facilities, in which case that Party shall comply with any valid request.

26.1.2. Subpoenas:

26.1.2.1 If a Party receives a subpoena for information concerning an End User the Party knows to be an End User of the other Party, it shall refer the subpoena to the Requesting Party with an indication that the other Party is the responsible company, unless the subpoena requests records for a period of time during which the receiving Party was the End User's service provider, in which case that Party will respond to any valid request.

26.1.3 Emergencies:

26.1.3.1 If a Party receives a request from a law enforcement agency for a temporary number change, temporary disconnect, or one-way denial of outbound calls by the receiving Party’s switch for an End User of the other Party, that Receiving Party will comply with a valid emergency request. However, neither Party shall be held liable for any claims or Losses arising from compliance with such requests on behalf of the other Party's End User and the Party serving such End User agrees to indemnify and hold the other Party harmless against any and all such claims or Losses.

26.2 **SNET** and CLEC shall reasonably cooperate with the other Party in handling law enforcement requests as follows:

26.2.1 Each of the Parties agree to comply with the applicable state and federal law enforcement authorities, laws, and requirements, including but not limited to, the Communications Assistance for Law Enforcement Act (CALEA) and to report to applicable State and Federal law enforcement authorities as required by law, the Telecommunications Services and related information provided by each of the Parties in Connecticut.

27. RELATIONSHIP OF THE PARTIES/INDEPENDENT CONTRACTOR

27.1 Each Party is an independent contractor, and has and hereby retains the right to exercise full control of and supervision over its own performance of its obligations under this Agreement and retains full control over the employment, direction, compensation and discharge of its employees assisting in the performance of such obligations. Each Party and each Party's contractor(s) shall be solely responsible for all matters relating to payment of such employees, including the withholding or payment of all applicable federal, state and local income taxes, social security taxes and other payroll taxes with respect to its employees, as well as any taxes, contributions or other obligations imposed by applicable state unemployment or workers' compensation acts and all other regulations governing such matters. Each Party has sole authority and responsibility to hire, fire and otherwise control its employees.

27.2 Nothing contained herein shall constitute the Parties as joint venturers, partners, employees or agents of one another, and neither Party shall have the right or power to bind or obligate the other. Nothing herein will be construed as making either Party responsible or liable for the obligations and undertakings of the other Party. Except for provisions herein expressly authorizing a Party to act for another, nothing in this Agreement shall constitute a Party as a legal representative or agent of the other Party, nor shall a Party have the right or authority to assume, create or incur any liability or any obligation of any kind, express or implied, against or in the name or on behalf of the other Party unless otherwise expressly permitted by such other Party. Except as otherwise expressly provided in this Agreement, no Party undertakes to perform any obligation of the other Party, whether regulatory or contractual, or to assume any responsibility for the management of the other Party's business.

28. NO THIRD PARTY BENEFICIARIES; DISCLAIMER OF AGENCY

28.1 This Agreement is for the sole benefit of the Parties and their permitted assigns, and nothing herein expressed or implied shall create or be construed to create any Third Party beneficiary rights hereunder. This Agreement shall not provide any

Person not a party hereto with any remedy, claim, liability, reimbursement, cause of action, or other right in excess of those existing without reference hereto.

29. ASSIGNMENT

29.1 CLEC may not assign or transfer (whether by operation of law or otherwise) this Agreement (or any rights or obligations hereunder) to a third person without the prior written consent of **SBC-ILEC**; provided that CLEC may assign or transfer this Agreement to its Affiliate by providing ninety (90) days' prior written notice to **SBC-ILEC** of such assignment or transfer; provided, further, that such assignment is not inconsistent with Applicable Law (including the Affiliate's obligation to obtain proper Commission certification and approvals) or the terms and conditions of this Agreement. Notwithstanding the foregoing, CLEC may not assign or transfer this Agreement (or any rights or obligations hereunder) to its Affiliate if that Affiliate is a party to a separate agreement with **SBC-ILEC** under Sections 251 and 252 of the Act. Any attempted assignment or transfer that is not permitted is void ab initio.

29.2 As a condition of any assignment or transfer of this Agreement (or any rights hereunder) that is permitted under or consented to by **SBC-ILEC** pursuant to this Section 29, CLEC agrees that any change, modification or other activity required for **SBC-ILEC** to accommodate or recognize the successor to or assignee of CLEC shall be a CLEC Change and shall be subject to Section 4.10. **SBC-ILEC** shall have no obligation to proceed with such activities nor shall any otherwise acceptable assignment or transfer be effective against **SBC-ILEC** until the Parties agree upon the charges that apply to such CLEC Change.

29.3 If during the Term, **SBC-ILEC** sells, assigns or otherwise transfers any ILEC Territory or ILEC Assets to a person other than an Affiliate or subsidiary, **SBC-ILEC** shall provide CLEC not less than ninety (90) days prior written notice of such sale, assignment or transfer. Upon the consummation of such sale, assignment or transfer, CLEC acknowledges that **SBC-ILEC** shall have no further obligations under this Agreement with respect to the ILEC Territories and/or ILEC Assets subject to such sale, assignment or transfer, and that CLEC must establish its own Section 251 and 252 arrangement with the successor to such ILEC Territory and/or ILEC Assets.

30. DELEGATION TO AFFILIATE

30.1 Each Party may without the consent of the other Party fulfill its obligations under this Agreement by itself or may cause its Affiliate(s) to take some or all of such actions to fulfill such obligations. Upon such delegation, the Affiliate shall become a primary obligor hereunder with respect to the delegated matter, but such delegation shall not relieve the delegating Party of its obligations as co-obligor hereunder. Any Party which elects to perform its obligations through an Affiliate

shall cause its Affiliate to take all action necessary for the performance of such Party's obligations hereunder. Each Party represents and warrants that if an obligation under this Agreement is to be performed by an Affiliate, such Party has the authority to cause such Affiliate to perform such obligation and such Affiliate will have the resources required to accomplish the delegated performance.

31. SUBCONTRACTING

31.1 If either Party retains or engages any subcontractor to perform any of that Party's obligations under this Agreement, each Party will remain fully responsible for the performance of this Agreement in accordance with its terms, including any obligations either Party performs through subcontractors.

31.2 Each Party will be solely responsible for payments due that Party's subcontractors.

31.3 No subcontractor will be deemed a Third Party beneficiary for any purposes under this Agreement.

31.4 No contract, subcontract or other agreement entered into by either Party with any Third Party in connection with the provision of Interconnection, Resale Services, Network Elements, functions, facilities, products and services hereunder will provide for any indemnity, guarantee or assumption of liability by the other Party to this Agreement with respect to such arrangement, except as consented to in writing by the other Party.

31.5 Any subcontractor that gains access to CPNI or Proprietary Information covered by this Agreement shall be required by the subcontracting Party to protect such CPNI or Proprietary Information to the same extent the subcontracting Party is required to protect such CPNI or Proprietary Information under the terms of this Agreement.

32. HAZARDOUS SUBSTANCES AND RESPONSIBILITY FOR ENVIRONMENTAL CONTAMINATION

32.1 Each Party will be solely responsible at it own expense for the proper handling, storage, transport, treatment, disposal and use of all Hazardous Substances by such Party and its contractors and agents. "Hazardous Substances" includes those substances:

32.1.1 included within the definition of hazardous substance, hazardous waste, hazardous material, toxic substance, solid waste or pollutant or contaminant under any Applicable Law, and

32.1.2 listed by any governmental agency as a hazardous substance.

32.2 CLEC will in no event be liable to **SBC-ILEC** for any costs whatsoever resulting from the presence or release of any environmental hazard, including Hazardous Substances, that CLEC did not introduce to the affected work location. **SBC-ILEC** will indemnify, defend (at CLEC's request) and hold CLEC and each of its officers, directors and employees harmless from and against any Loss that arises out of or results from:

32.2.1 Any Environmental Hazard that **SBC-ILEC**, its contractors or agents introduce to the work locations, or

32.2.2 The presence or Release of any Environmental Hazard for which **SBC-ILEC** is responsible under Applicable Law.

32.3 **SBC-ILEC** will in no event be liable to CLEC for any costs whatsoever resulting from the presence or Release of any Environmental Hazard that **SBC-ILEC** did not introduce to the affected work location. CLEC will indemnify, defend (at **SBC-ILEC**'s request) and hold **SBC-ILEC** and each of its officers, directors and employees harmless from and against any Loss that arises out of or results from:

32.3.1 any Environmental Hazard that CLEC, its contractors or agents introduce to the work locations, or

32.3.2 the presence or Release of any Environmental Hazard for which CLEC is responsible under Applicable Law.

33. FORCE MAJEURE

33.1 No Party shall be responsible for delays or failures in performance of any part of this Agreement (other than an obligation to make money payments) resulting from acts or occurrences beyond the reasonable control of such Party, including acts of nature, acts of civil or military authority, any law, order, regulation, ordinance of any Governmental Authority, embargoes, epidemics, terrorist acts, riots, insurrections, fires, explosions, earthquakes, nuclear accidents, hurricanes, floods, work stoppages, equipment failures, cable cuts, power blackouts, volcanic action, other major environmental disturbances, unusually severe weather conditions, inability to secure products or services of other persons or transportation facilities or acts or omissions of transportation carriers (individually or collectively, a **"Force Majeure Event"**) or any Delaying Event caused by the other Party or any other circumstances beyond the Party's reasonable control. If a Force Majeure Event shall occur, the Party affected shall give prompt notice to the other Party of such Force Majeure Event specifying the nature, date of inception and expected duration of such Force Majeure Event, whereupon such obligation or performance shall be suspended to the extent such Party is affected by such Force Majeure Event during the continuance thereof or

be excused from such performance depending on the nature, severity and duration of such Force Majeure Event (and the other Party shall likewise be excused from performance of its obligations to the extent such Party's obligations relate to the performance so interfered with). The affected Party shall use its reasonable efforts to avoid or remove the cause of nonperformance and the Parties shall give like notice and proceed to perform with dispatch once the causes are removed or cease.

34. TAXES

34.1 The tax provisions set forth below apply as indicated:

34.1.1 TAXES - **SWBT-TX**

34.1.1.1 Each Party purchasing services hereunder shall pay or otherwise be responsible for all federal, state, or local sales, use, excise, gross receipts, municipal fees, transaction or similar taxes, fees, or surcharges (hereinafter **"Tax"**) levied against or upon such purchasing Party (or the providing Party when such providing Party is permitted by applicable law to pass along to the purchasing Party such taxes, fees, or surcharges), except for any Tax on either Party's corporate existence, status, or income.

34.1.2 TAXES - **SWBT-MOKA**

34.1.2.1 Each Party purchasing services hereunder shall pay or otherwise be responsible for all federal, state, or local sales, use, excise, gross receipts, municipal fees, transaction or similar taxes, fees or surcharges (hereinafter **"Tax"**) imposed on or with respect to the services provided by or to such Party, except for any Tax on either Party's corporate existence, status, or income.

34.1.3 TAXES - **PACIFIC**

34.1.3.1 Each Party purchasing services hereunder shall pay or otherwise be responsible for all federal, state, or local sales, use, excise, gross receipts, utility user, municipal fees, transaction or similar taxes, fees, or surcharges (hereinafter **"Tax"**) imposed on or with respect to the services provided by or to such Party, except for any Tax on either Party's corporate existence, status, or income.

34.1.4 TAXES - **NEVADA**

34.1.4.1 Each Party purchasing services hereunder shall pay or otherwise be responsible for all federal, state, or local sales, use, excise, gross receipts, municipal fees, transaction or similar taxes, fees, or surcharges (hereinafter **"Tax"**) imposed on or with respect to the services provided by or to such Party, except for any Tax on either Party's corporate existence, status, or income.

34.1.5 TAXES - **SNET**

34.1.5.1 Each Party purchasing services hereunder shall pay or otherwise be responsible for all federal, state, or local sales, use, excise, gross receipts, transaction or similar taxes, fees, or surcharges (hereinafter **"Tax"**) levied against or upon such purchasing party (or the providing Party when such providing Party is permitted by applicable law to pass along to the purchasing party such taxes, fees, or surcharges), except for any Tax on either party's corporate existence, status, or income.

34.1.6 TAXES- **SBC-AMERITECH**

34.1.6.1 Each Party purchasing services hereunder shall pay or otherwise be responsible for all federal, state, or local sales, use, excise, gross receipts, transaction or similar taxes, fees or surcharges levied against or upon such purchasing Party (or the providing Party when such providing Party is permitted to pass along to the purchasing Party such taxes, fees or surcharges), except for any tax on either Party's corporate existence, status or income. To the extent that a Party includes gross receipts taxes in any of the charges or rates of services provided hereunder, no additional gross receipts taxes shall be levied against or upon the purchasing Party.

34.2 Whenever possible, Tax amounts shall be billed as a separate item on the invoice. To the extent a sale is claimed to be for resale tax exemption, the purchasing Party shall furnish the providing Party a proper resale tax exemption certificate as authorized or required by statute or regulation by the jurisdiction providing said resale tax exemption. Failure to timely furnish said resale tax exemption certificate will result in no exemption being available to the purchasing Party for any charges invoiced by the providing Party prior to the date the purchasing Party furnishes the providing Party a valid resale tax exemption certificate.

34.2.1 With respect to any purchase of Interconnection, Resale Services, Network Elements, functions, facilities, products and services under this Agreement, if any Tax is required or permitted by Applicable Law to be collected from the purchasing Party by the providing Party, then:

34.2.1.1 The providing Party shall bill the purchasing Party for such Tax;

34.2.1.2 The purchasing Party shall remit such Tax to the providing Party; and

34.2.1.3 The providing Party shall remit such collected Tax to the applicable taxing authority.

34.2.2 With respect to any purchase hereunder of Interconnection, Resale Services, Network Elements, functions, facilities, products and services that are resold to a Third Party, if any Tax is imposed by applicable law on the End User in connection with any such purchase, then:

34.2.2.1 The purchasing Party shall be required to impose and/or collect such Tax from the End User; and

34.2.2.2 The purchasing Party shall remit such Tax to the applicable taxing authority.

34.2.2.3 The purchasing Party agrees to indemnify and hold harmless the providing Party on an after tax basis for any costs incurred by the providing Party as a result of actions taken by the applicable taxing authority to collect the Tax from the providing Party due to the failure of the purchasing Party to pay or collect and remit such Tax to such authority.

34.2.3 If the providing Party fails to collect any Tax as required herein, then, as between the providing Party and the purchasing Party:

34.2.3.1 The purchasing Party shall remain liable for such uncollected Tax; and

34.2.3.2 The providing Party shall be liable for any penalty and interest assessed with respect to such uncollected Tax by such authority.

34.2.3.3 However, if the purchasing Party fails to pay any Taxes properly billed, then, as between the providing Party and the purchasing Party, the purchasing Party will be solely responsible for payment of the Taxes, penalty and interest.

34.2.4 If the purchasing Party fails to impose and/or collect any Tax from End Users as required herein, then, as between the providing Party and the purchasing Party, the purchasing Party shall remain liable for such uncollected Tax and any interest and penalty assessed thereon with respect to the uncollected Tax by the applicable taxing authority. With respect to any Tax that the purchasing Party has agreed to pay or impose on and/or collect from End Users, the purchasing Party agrees to indemnify and hold harmless the providing Party on an after tax basis for any costs incurred by the providing Party as a result of actions taken by the applicable taxing authority to collect the Tax from the providing Party due to the failure of the purchasing Party to pay or collect and remit such Tax to such authority.

34.2.5 The Party obligated to pay any Tax may contest the same in good faith, at its own expense, and shall be entitled to the benefit of any refund or recovery; provided that such contesting Party shall not permit any lien to exist on any asset of the other Party by reason of such contest. The Party obligated to collect and remit shall cooperate in any such contest by the other Party. As a condition of contesting any Tax due hereunder, the contesting Party agrees to be liable and indemnify and reimburse the other Party for:

34.2.5.1 any additional amounts that may be due by reason of such contest, including any interest and penalties; and

34.2.5.2 all costs of cooperating with the contesting Party in any such contest.

35. NON-WAIVER

35.1 Except as otherwise specified in this Agreement, no waiver of any provision of this Agreement and no consent to any default under this Agreement shall be effective unless the same is in writing and properly executed by or on behalf of the Party against whom such waiver or consent is claimed. Waiver by either Party of any default by the other Party shall not be deemed a waiver of any other default. Failure of either Party to insist on performance of any term or condition of this Agreement or to exercise any right or privilege hereunder shall not be construed as a continuing or future waiver of such term, condition, right or privilege. No course of dealing or failure of any Party to strictly enforce any term, right, or condition of this Agreement in any instance shall be construed as a general waiver or relinquishment of such term, right or condition.

36. NETWORK MAINTENANCE AND MANAGEMENT

36.1 The Parties will work cooperatively to implement this Agreement. The Parties will exchange appropriate information (for example, maintenance contact numbers, network information, information required to comply with law enforcement and other security agencies of the Government, escalation processes, etc.) to achieve this desired result.

36.2 Each Party will administer its network to ensure acceptable service levels to all users of its network services. Service levels are generally considered acceptable only when End Users are able to establish connections with little or no delay encountered in the network. Each Party will provide a 24-hour contact number for Network Traffic Management issues to the other's surveillance management center.

36.3 Each Party maintains the right to implement protective network traffic

management controls, such as "cancel to", "call gapping" or 7-digit and 10-digit code gaps, to selectively cancel the completion of traffic over its network, including traffic destined for the other Party's network, when required to protect the public-switched network from congestion as a result of occurrences such as facility failures, switch congestion or failure or focused overload. Each Party shall immediately notify the other Party of any protective control action planned or executed.

36.4 Where the capability exists, originating or terminating traffic reroutes may be implemented by either Party to temporarily relieve network congestion due to facility failures or abnormal calling patterns. Reroutes shall not be used to circumvent normal trunk servicing. Expansive controls shall be used only when mutually agreed to by the Parties.

36.5 The Parties shall cooperate and share pre-planning information regarding cross-network call-ins expected to generate large or focused temporary increases in call volumes to prevent or mitigate the impact of these events on the public-switched network, including any disruption or loss of service to other End User. Facsimile (FAX) numbers must be exchanged by the Parties to facilitate event notifications for planned mass calling events.

36.6 Neither Party shall use any Interconnection, Resale Service, Network Element, function, facility, product or service provided under this Agreement or any other service related thereto or used in combination therewith in any manner that interferes with any Party in the use of such Party's Telecommunications Service, prevents any Party from using its Telecommunications Service, impairs the quality of Telecommunications Service to other carriers or to either Party's End Users, causes electrical hazards to either Party's personnel, damage to either Party's facilities or equipment or malfunction of either Party's ordering or billing systems or equipment. Upon such occurrence either Party may discontinue or refuse service, but only for so long as the other Party is violating this provision. Upon such violation, either Party shall provide the other Party notice of the violation at the earliest practicable time.

37. SIGNALING

37.1 The Parties will Interconnect their networks using SS7 signaling as defined in GR-000317-CORE and GR-000394-CORE, including ISDN User Part (ISUP) for trunk signaling and Transaction Capabilities Application Part (TCAP) for CCS-based features in the Interconnection of their networks. Each Party may establish CCS interconnections either directly and/or through a Third Party. If CCS interconnection is established through a Third Party, the rates, terms, and conditions of the Parties' respective tariffs will apply. If CCS interconnection is established directly between CLEC and **SBC-ILEC**, the rates, terms, and conditions of Appendix SS7 will apply.

37.2 The Parties will cooperate in the exchange of TCAP messages to facilitate full interoperability of CCS-based features between their respective networks, including all CLASS features and functions, to the extent each Party offers such features and functions to its own End Users. All CCS signaling parameters deployed by both Parties will be provided including CPN. All privacy indicators will be honored.

38. TRANSMISSION OF TRAFFIC TO THIRD PARTIES

38.1 CLEC will not send to **SBC-ILEC** local traffic that is destined for the network of a Third Party unless CLEC has the authority to exchange traffic with that Third Party.

39. CUSTOMER INQUIRIES

39.1 Each Party will refer all questions regarding the other Party's services or products directly to the other Party at a telephone number specified by that Party.

39.2 Each Party will ensure that all of its representatives who receive inquiries regarding the other Party's services:

39.2.1 Provide the number described in Section 39.1 to callers who inquire about the other Party's services or products; and

39.2.2 Do not in any way disparage or discriminate against the other Party or its products or services.

39.3 Except as otherwise provided in this Agreement, CLEC shall be the primary point of contact for CLEC's End Users with respect to the services CLEC provides such End Users.

39.4 CLEC acknowledges that **SBC-ILEC** may, upon End User request, provide services directly to such End User similar to those offered to CLEC under this

Agreement.

40. EXPENSES

40.1 Except as expressly set forth in this Agreement, each Party will be solely responsible for its own expenses involved in all activities related to the matters covered by this Agreement.

40.2 **SBC-ILEC** and CLEC shall each be responsible for one-half (1/2) of expenses payable to a Third Party for Commission fees or other charges (including regulatory fees and any costs of notice or publication, but not including attorney's fees) associated with the filing of this agreement.

41. CONFLICT OF INTEREST

41.1 The Parties represent that no employee or agent of either Party has been or will be employed, retained, paid a fee, or otherwise received or will receive any personal compensation or consideration from the other Party, or any of the other Party's employees or agents in connection with the negotiation of this Agreement or any associated documents.

42. SURVIVAL

42.1 The Parties' obligations under this Agreement which by their nature are intended to continue beyond the termination or expiration of this Agreement shall survive the termination or expiration of this Agreement. 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 continue beyond the termination or expiration of this Agreement: Section 5.5; Section 5.6, Section 7.3; Section 8.1; Section 8.4; Section 8.5; Section 8.6; Section 8.7; Section 10, Section 11; Section 13; Section 14; Section 15; Section 16.1; Section 18; Section 19; Section 20; Section 22; Section 25.4; Section 26.1.3; Section 32; Section 34 and Section 42.

43. SCOPE OF AGREEMENT

43.1 This Agreement is intended to describe and enable specific Interconnection and compensation arrangements between the Parties. This Agreement is the arrangement under which the Parties may purchase from each other the products and services described in Section 251 of the Act and obtain approval of such arrangement under Section 252 of the Act. Except as agreed upon in writing, neither Party shall be required to provide the other Party a function, facility, product, service or arrangement described in the Act that is not expressly provided herein.

43.2 Except as specifically contained herein or provided by the FCC or any Commission within its lawful jurisdiction, nothing in this Agreement shall be deemed to affect any access charge arrangement.

44. AMENDMENTS AND MODIFICATIONS

44.1 No provision of this Agreement shall be deemed amended or modified by either Party unless such an amendment or modification is in writing, dated, and signed by an authorized representative of both Parties. The rates, terms and conditions contained in the amendment shall become effective upon approval of such amendment by the appropriate Commissions.

44.2 Neither Party shall be bound by any preprinted terms additional to or different from those in this Agreement that may appear subsequently in the other Party's form documents, purchase orders, quotations, acknowledgments, invoices or other communications.

45. APPENDICES INCORPORATED BY REFERENCE

45.1 ACCESS TO RIGHTS-OF-WAY -- SECTION 251(b)(4)

45.1.1 **SBC-ILEC** shall provide to CLEC access to Poles, Conduits and Rights of Ways pursuant to the applicable Appendix ROW, which is/are attached hereto and incorporated herein by reference.

45.2 COLLOCATION -- SECTION 251(c)(6)

45.2.1 Collocation will be provided pursuant to the applicable Appendix Collocation, which is attached hereto and incorporated herein by reference.

45.3 DATABASE ACCESS

45.3.1 **SBC-ILEC** shall provide to CLEC nondiscriminatory access to databases and associated signaling necessary for call routing and completion pursuant to the applicable Appendix UNE, which **is/are** attached hereto and incorporated herein by reference.

45.4 DIALING PARITY -- SECTION 251(b)(3)

45.4.1 The Parties shall provide Local Dialing Parity to each other as required under Section 251(b)(3) of the Act.

45.4.2 **SBC-ILEC** shall provide IntraLATA Dialing Parity in accordance with Section 271(e)(2) of the Act.

45.5 INTERCONNECTION PURSUANT TO SECTION 251(c)(2)(A),(B),(C); 47 CFR § 51.305(a)(1)

45.5.1 **SBC-ILEC** shall provide to CLEC Interconnection of the Parties' facilities and equipment for the transmission and routing of Telephone Exchange Service traffic and Exchange Access traffic pursuant to the applicable Appendix ITR, which **is/are** attached hereto and incorporated herein by reference. Methods for Interconnection and Physical Architecture shall be as defined in the applicable Appendix NIM, which **is/are** attached hereto and incorporated herein by reference.

45.6 NUMBER PORTABILITY -- SECTIONS 251(b)(2

45.6.1 The Parties shall provide to each other Permanent Number Portability (PNP) on a reciprocal basis as outlined in the applicable Appendix Number Portability, which **is/are** attached hereto and incorporated herein by reference.

45.7 OTHER SERVICES

45.7.1 911 and E911 Services

45.7.1.1 **SBC-ILEC** will make nondiscriminatory access to 911 and E911 services available under the terms and conditions of the applicable Appendix 911, which **is/are** attached hereto and incorporated herein by reference.

45.7.2 AIN

45.7.2.1 One or more of the ILECs making up **SBC-ILEC** have deployed a set of AIN features and functionalities unique to the particular ILEC(s). As such, the AIN network architecture, methods of access and manner of provisioning are specific to that ILEC or those ILECs. Accordingly, any request for AIN access pursuant to this Agreement must be reviewed for technical feasibility, with all rates, terms and conditions related to such request to be determined on an individual case basis and to be negotiated

between the Parties. Upon request by CLEC, and where technically feasible, **SBC-ILEC** will provide CLEC with access to **SBC-ILEC**'s Advanced Intelligent Network (AIN) platform, AIN Service Creation Environment (SCE) and AIN Service Management System (SMS) based upon ILEC-specific rates, terms, conditions and means of access to be negotiated by the Parties pursuant to Section 252 of the Act, and incorporated into this Agreement by Appendix or amendment, as applicable, subject to approval by the appropriate state Commission.

45.7.3 Directory Assistance (DA)

45.7.3.1 **SBC-ILEC** will provide nondiscriminatory access to Directory Assistance services under the terms and conditions identified in the applicable Appendix DA, which **is/are** attached hereto and incorporated herein by reference.

45.7.4 Hosting

45.7.4.1 At CLEC's request, **SBC-ILEC** shall perform hosting responsibilities for the provision of billable message data and/or access usage data received from CLEC for distribution to the appropriate billing and/or processing location or for delivery to CLEC of such data via **SBC-ILEC**'s internal network or the nationwide CMDS network pursuant to the applicable Appendix HOST, which **is/are** attached hereto and incorporated herein by reference.

45.7.5 Operator Services (OS)

45.7.5.1 **SBC-ILEC** shall provide nondiscriminatory access to Operator Services under the terms and conditions identified in the applicable Appendix OS, which **is/are** attached hereto and incorporated herein by reference.

45.7.6 Signaling System 7 Interconnection

45.7.6.1 At CLEC's request, **SBC-ILEC** shall perform SS7 interconnection services for CLEC pursuant to the applicable Appendix SS7, which **is/are** attached hereto and incorporated herein by reference.

45.7.7 Publishing and Directory

45.7.7.1 **SBC-ILEC** will make nondiscriminatory access to Publishing and Directory service available under the terms and conditions of

the applicable Appendix White Pages, which **is/are** attached hereto and incorporated herein by reference.

45.7.8 RESALE--SECTIONS 251(b)(1)

45.7.8.1 **SBC-ILEC** shall provide to CLEC Telecommunications Services for resale at wholesale rates pursuant to the applicable Appendix Resale, which **is/are** attached hereto and incorporated herein by reference.

45.7.9 TRANSMISSION AND ROUTING OF SWITCHED ACCESS TRAFFIC PURSUANT TO 251(c)(2)

45.7.9.1 **SBC-ILEC** shall provide to CLEC certain trunk groups (Meet Point Trunks) under certain parameters pursuant to the applicable Appendix ITR, which **is/are** attached hereto and incorporated herein by reference.

45.7.10 TRANSMISSION AND ROUTING OF TELEPHONE EXCHANGE SERVICE TRAFFIC PURSUANT TO SECTION 251(c)(2)(D); 252(d)(1) and (2); 47 CFR § 51.305(a)(5).

45.7.10.1 The applicable Appendix Compensation, which **is/are** attached hereto and incorporated herein by reference, prescribe traffic routing parameters for Local Interconnection Trunk Group(s) the Parties shall establish over the Interconnections specified in the applicable Appendix ITR, which **is/are** attached hereto and incorporated herein by reference.

45.7.11 UNBUNDLED NETWORK ELEMENTS -- SECTIONS 251(c)(3)

45.7.11.1 Pursuant to the applicable Appendix UNE, which **is/are** attached hereto and incorporated herein by reference, **SBC-ILEC** will provide CLEC access to Unbundled Network elements for the provision of Telecommunications Service as required by Sections 251 and 252 of the Act and in the Appendices hereto. CLEC agrees to provide access to its Network Elements to **SBC-ILEC** under the same terms, conditions and prices contained herein and in the applicable Appendices hereto.

46. AUTHORITY

46.1 Each of the **SBC** Parties represents and warrants that it is a corporation duly organized, validly existing and in good standing under the laws of their respective states of incorporation. **SBC Communications Inc.**, represents and warrants that it has full power and authority to execute and deliver this Agreement as agent for

the **SBC** Parties. Each of the **SBC** Parties that is an ILEC represents and warrants that it has full power and authority to perform its obligations hereunder.

46.2 CLEC represents and warrants that it is a corporation duly organized, validly existing and in good standing under the laws of the State of Delaware and has full power and authority to execute and deliver this Agreement and to perform its obligations hereunder. CLEC represents and warrants that it has been or will be certified as a LEC by the Commission(s) prior to submitting any orders hereunder and is or will be authorized to provide the Telecommunications Services contemplated hereunder in the territory contemplated hereunder prior to submission of orders for such Service.

46.3 Each Person whose signature appears below represents and warrants that he or she has authority to bind the Party on whose behalf he or she has executed this Agreement.

47. COUNTERPARTS

47.1 This Agreement may be executed in counterparts. Each counterpart shall be considered an original and such counterparts shall together constitute one and the same instrument.

48. ENTIRE AGREEMENT

48.1 **SBC-ILEC**

48.1.1 The terms contained in this Agreement and any Appendices, Attachments, Exhibits, Schedules, and Addenda, applicable Commission-approved tariffs referred to herein and other documents or instruments referred to herein constitute the entire agreement between the Parties with respect to the subject matter hereof, superseding all prior understandings, proposals and other communications, oral or written, including, but not limited to, the Interconnection Agreement dated December 4, 1999 by and between New Edge Network, Inc. d/b/a New Edge Networks and Pacific Bell.

SBC-ILEC Agreement
Signatures

New Edge Network, Inc.
d/b/a New Edge Networks

Signature: Ry McMillin

Name: Robert Y. McMillin
(Print or Type)

Title: Director - Interconnection
(Print or Type)

Date: 3/2/00

AECN/OCN# 2887
(Facility Based – if applicable)

AECN/OCN# _____
(Resale – if applicable)

Southwestern Bell Telephone Company
By SBC Telecommunications, Inc.,
Its authorized agent

Signature: _____

Name: Larry B. Cooper
(Print or Type)

Title: President - Industry Markets

Date: MAR 15 2000

New Edge Network, Inc.
d/b/a New Edge Networks, Inc.

Signature: Ry McMillin

Name: Robert Y. McMillin
(Print or Type)

Title: Director-Interconnection
(Print or Type)

Date: 3/2/00

AECN/OCN# 2887
(Facility Based – if applicable)

AECN/OCN# _____
(Resale – if applicable)

NEVADA Bell Telephone Company
By SBC Telecommunications, Inc.,
Its authorized agent

Signature: _____
Larry B. Cooper

Name: _____
(Print or Type)

Title: President - Industry Markets

Date: MAR 15 2000

New Edge Network, Inc.
d/b/a New Edge Networks

Signature: RY McMillin

Name: Robert Y. McMillin
(Print or Type)

Title: Director - Interconnection
(Print or Type)

Date: 3/2/00

AECN/OCN# 2887
(Facility Based – if applicable)

AECN/OCN# _____
(Resale – if applicable)

PACIFIC Bell Telephone Company
By SBC Telecommunications, Inc.,
Its authorized agent

Signature: Larry B. Cooper

Name: _____
(Print or Type)

Title: President - Industry Markets

MAR 15

Date: _____

New Edge Network, Inc.
d/b/a New Edge Networks

Signature: RY McMillin

Name: Robert Y. McMillin
(Print or Type)

Title: Director - Interconnection
(Print or Type)

Date: 3/2/00

AECN/OCN# 2887
(Facility Based – if applicable)

AECN/OCN# _____
(Resale – if applicable)

The Southern New England Telephone Company
By SBC Telecommunications, Inc.,
Its authorized agent

Signature: Larry B. Cooper

Name: _____
(Print or Type)

Title: President - Industry Markets

MAR 15 2000

Date: _____

New Edge Network, Inc.
d/b/a New Edge Networks

Signature: RyMcMillin

Name: Robert Y. McMillin
(Print or Type)

Title: Director - Interconnection
(Print or Type)

Date: 3/2/00

AECN/OCN# 2887
(Facility Based – if applicable)

AECN/OCN# _____
(Resale – if applicable)

ILLINOIS BELL TELEPHONE COMPANY, INDIANA BELL TELEPHONE COMPANY INCORPORATED, MICHIGAN BELL TELEPHONE COMPANY, THE OHIO BELL TELEPHONE COMPANY, WISCONSIN BELL, INC. D/B/A AMERITECH WISCONSIN

By: SBC Telecommunications, Inc., its Authorized agent.

Signature: Larry B. Cooper

Name: _____

Title: President - Industry Markets

MAR 15

Date: _____

APPENDIX 800

TABLE OF CONTENTS

1. INTRODUCTION 3

2. DESCRIPTION 4

3. GENERAL TERMS AND CONDITIONS 5

4. RATE REGULATIONS 8

5. MONTHLY BILLING 9

6. APPLICABILITY OF OTHER RATES, TERMS AND CONDITIONS 9

APPENDIX 800
(Access To The Toll Free Calling Database)

1. INTRODUCTION

1.1 This Appendix sets forth the terms and conditions for Access to the Toll Free Calling Database provided by the applicable SBC Communications Inc. (SBC) owned Incumbent Local Exchange Carrier (ILEC) and 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, Nevada Bell Telephone Company, The Ohio Bell Telephone Company, Pacific Bell Telephone Company, The Southern New England Telephone Company, Southwestern Bell Telephone Company and/or Wisconsin Bell, Inc. d/b/a Ameritech Wisconsin.

1.3 As used herein, **SBC-ILEC** means the applicable above listed ILECs doing business in Arkansas, California, Connecticut, Illinois, Indiana, Kansas, Michigan, Missouri, Nevada, Ohio, Oklahoma, Texas, and Wisconsin.

1.4 As used herein, **SBC-12STATE** means the applicable above listed ILECs doing business in Arkansas, California, Illinois, Indiana, Kansas, Michigan, Missouri, Nevada, Ohio, Oklahoma, Texas, and Wisconsin.

1.5 As used herein, **SBC-7STATE** means the applicable above listed ILECs doing business in Arkansas, California, Kansas, Missouri, Nevada, Oklahoma, and Texas.

1.6 As used herein, **SBC-2STATE** means the applicable above listed ILECs doing business in California and Nevada.

1.7 As used herein, **SBC-SWBT** means the applicable above listed ILECs doing business in Arkansas, Kansas, Missouri, Oklahoma, and Texas.

1.8 As used herein, **SBC-AMERITECH** means the applicable above listed ILECs doing business in Illinois, Indiana, Michigan, Ohio, and Wisconsin.

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

2. DESCRIPTION

2.1 Other than as specifically set out elsewhere in this Agreement, **SNET** does not offer Access to the Toll Free Calling Database under this Agreement. Rather, Access to the Toll Free Calling Database is available from **SNET** as described in Section 18.2.9, 800 Database Access, of the CT Access Service Tariff.

2.2 **SBC-12STATE**'s 800 database, an American National Standards Institute (ANSI) Signaling System 7 (SS7) call-related database system, receives updates processed from the national System Management System (SMS) database. Customer records in the SMS are created or modified by entities known as Responsible Organizations (Resp Org) who obtain access to the SMS via the System Management System/800 database, Tariff FCC No. 1. 800 Service Providers must either become their own Resp Org or use the services of an established Resp Org. The services of a Resp Org include creating and updating 800 records in the SMS to download to the 800 database(s). **SBC-12STATE** does not, either through a tariff or contract, provide Resp Org service.

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

2.4 Access to the Toll Free Calling Database allows CLEC to access **SBC-12STATE**'s 800 database for the purpose of switch query and database response. Access to the Toll Free Calling Database supports the processing of toll free calls (e.g., 800 and 888) where identification of the appropriate carrier (800 Service Provider) to transport the call is dependent upon the full ten digits of the toll free number (e.g., 1+800+NXX+XXXX). Access to the Toll Free Calling Database includes all 800-type dialing plans (i.e., 800, 888, and other codes as may be designated in the future).

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

2.6 There are three optional features available with 800 service:

2.6.1 Designated 10-Digit Translation;

2.6.2 Call Validation; and
2.6.3 Call Handling and Destination.

2.6.4 The Designated 10-Digit Translation feature converts the 800 number into a designated 10-digit number. If the 800 Service Provider provides the designated 10-digit number associated with the 800 number and request delivery of the designated 10-digit number in place of the 800 number, **SBC-12STATE** will deliver the designated 10-digit number.

2.6.5 The Call Handling and Destination feature allows the customer to create routing schemes utilizing:

2.6.5.1 Time of Day

2.6.5.2 Day of Week

2.6.5.3 Day of Year

2.6.5.4 Allocation of Traffic by Percentage

2.6.5.5 NPA-NXX-XXXX

2.6.6 The Call Validation feature List Turnaround feature (referred to as the Six-Digit Master Number List Turnaround feature in **SBC-2STATE**) applies when customer identification is performed for Canadian and Caribbean toll free numbers. This feature is billed in lieu of the Basic Toll Free Access Query charge.

3. GENERAL TERMS AND CONDITIONS

3.1 Access to the Toll Free Calling Database provided under these terms and conditions is only available for use in the provision of telephone exchange and Exchange Access Telecommunication Services as specified in the Telecommunications Act of 1996 and any effective rules and regulations of the Federal Communications Commission and the State regulatory Commission.

3.2 Access to the Toll Free Calling Database is offered separate and apart from other unbundled network elements necessary for operation of the network routing function addressed in these terms and conditions, e.g., end office 800 (SSP) functionality and (CCS/SS7) signaling. This Appendix is separate from the prices, terms, conditions and billing for such related elements, and in no way shall this Appendix be construed to circumvent the prices, terms, conditions or billing as specified for such related elements.

3.3 CLEC shall address its queries to **SBC-12STATE**'s database to the alias point code of the STP pair identified by **SBC-12STATE**. CLEC's queries shall use subsystem number 0 in the calling party address field and a translations type of 254 with a routing indicator set to route on global title. CLEC acknowledges

that such subsystem number and translation type values are necessary for **SBC-12STATE** to properly process queries to its 800 database.

3.4 Each Party warrants to the other that it shall send queries and SS7 messages conforming to the ANSI approved standards for SS7 protocol and pursuant to the Specifications and Standards documents attached and incorporated herein in Exhibit I. Both Parties acknowledge that transmission in said protocol is necessary for each Party to provision Access to the Toll Free Calling Database (or the equivalent thereof). Each Party reserves the right to modify its network pursuant to other specifications and standards, which may include Telcordia's specifications, defining specific service applications, message types, and formats, that may become necessary to meet the prevailing demands within the U.S. telecommunications industry. All such changes shall be announced in accordance with the then prevailing industry standard procedures. Each Party shall work cooperatively to coordinate any necessary changes.

3.5 CLEC acknowledges and agrees 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 and its 800 database. CLEC further agrees that **SBC-12STATE**, at its sole discretion, may employ certain automatic and/or manual overload controls within **SBC-12STATE**'s CCS/SS7 network to guard against these detrimental effects. **SBC-12STATE** shall report to CLEC any instances where overload controls are invoked due to CLEC's CCS/SS7 network. CLEC shall take immediate corrective actions as are necessary to cure the conditions causing the overload situation.

3.6 During periods of 800 database system congestion, **SBC-12STATE** shall utilize an automatic code gapping procedure to control congestion that may affect the service of all customers of **SBC-12STATE**'s 800 database. The automatic code gapping procedure used by **SBC-12STATE** shall notify the CLEC's switch of the gap length (how long CLEC's switch should wait before sending another query) and the gap duration (how long the switch should continue to perform gapping). For example, during an overload condition, the automatic code gapping procedures shall tell **SBC-12STATE**'s 800 database when to begin to drop one out of three queries received. This code gapping procedure shall be applied uniformly to all users of **SBC-12STATE**'s 800 database. **SBC-12STATE** reserves the right to manually invoke the automatic code gapping procedure to control congestion.

3.7 Prior to **SBC-12STATE** initiating service under this Appendix, CLEC shall provide an initial forecast of busy hour query volumes. CLEC shall update its busy hour forecast for each upcoming calendar year (January - December) by October 1 of the preceding year and also whenever CLEC anticipates a change to existing forecasts. CLEC shall provide such updates each year for as long as this Appendix is in effect; provided, the obligation to provide updates shall not

extend for longer than three years, assuming this Appendix in effect for that long or longer. If prior to the establishment of a mutually agreeable service effective date, in writing, **SBC-12STATE**, at its discretion, determines that it lacks adequate processing capability to provide Access to the Toll Free Calling Database 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.

3.8 CLEC shall from time to time at **SBC-12STATE**'s request, provide additional forecasted information as deemed necessary by **SBC-12STATE** for network planning in connection with this offering.

3.9 **SBC-12STATE** shall test the Access to the Toll Free Calling Database in conjunction with CCS/SS7 Interconnection Service (e.g., Appendix SS7) as outlined in Telcordia Technical References TR-NWT-000533, TR-NWT-000954, TR-TSV-000905, TP76638, GR-954-CORE, GR-905-CORE and Pacific Bell PUB L-780023-PB/NB and **SBC-AMERITECH** AM-TR-OAT-000069

3.10 CLEC shall only use Access to the Toll Free Calling Database to determine the routing requirements for originating 800 calls. Neither CLEC nor carrier customers of CLEC, if CLEC is acting on behalf of other carriers, shall use the database information to copy, store, maintain or create any table or database of any kind or for any purpose. If CLEC acts on behalf of other carriers to access **SBC-12STATE**'s Toll Free Calling Database, CLEC shall prohibit such carriers from copying, storing, maintaining, or creating any table or database of any kind from any response provided by **SBC-12STATE** after a query to **SBC-12STATE**'s Toll Free Calling Database. CLEC shall only use this network element in connection with the provision of telephone exchange and Exchange Access services.

3.11 CLEC shall ensure that it has sufficient link capacity and related facilities to handle its signaling and toll free traffic without adversely affecting other network subscribers.

3.12 **SBC-12STATE** shall provide Access to the Toll Free Calling Database as set forth in this Appendix only as such elements are used for CLEC's activities on behalf of its local service customers where **SBC-12STATE** is the incumbent local exchange carrier. CLEC agrees that any other use of **SBC-12STATE**'s Toll Free Calling Database for the provision of 800 database service by CLEC will be pursuant to the terms, conditions, rates, and charges of **SBC-12STATE**'s effective tariffs, as revised, for 800 database services.

3.13 Ordering and Billing Inquiries

3.13.1 Ordering and billing inquires for the elements described herein shall be directed to:

3.13.1.1 For **SBC-7STATE** - the Local Service Center (LSC).

3.13.1.2 For **SBC-AMERITECH** - the AIIS Service Center in Milwaukee, Wisconsin.

4. RATE REGULATIONS

4.1 CLEC shall pay a Local Service Order Request Charge for each CLEC request for service order activity to establish Access to the Toll Free Calling Database in the **SBC-12STATE** region.

4.2 The prices at which **SBC-ILEC** agrees to provide CLEC with Access to the Toll Free Calling Database are contained in the applicable Appendix PRICING and/or the applicable Commissioned ordered tariff where stated.

4.3 CLEC shall pay a nonrecurring charge when a CLEC establishes or changes a signaling point code. The rates and charges for Signaling Point Code(s) are described in the Appendix SS7. This charge also applies to point code information provided by CLECs allowing other telecommunications providers to use the CLEC's SS7 signaling network.

4.4 Rate Elements

There are four rate elements associated with Access to the Toll Free Calling Database:

4.4.1 Basic Toll Free Access Query Rate Element

4.4.2 Designated 10-Digit Translation Rate Element (referred to as POTS Translations in **SBC-2STATE** and **SBC-AMERITECH**)

4.4.3 Call Validation Rate Element (referred to as Multiple Destination Routing Rate Element in **SBC-2STATE**).

4.4.4 Call Handling and Destination Rate Element (referred to as Six-Digit Master Number List Turnaround Rate Element in **SBC-2STATE** and 800 Database Vertical Feature in **SBC-AMERITECH**).

4.5 CLEC shall pay the Basic Toll Free Access query rate for each query received and processed by **SBC-12STATE**'s database. When applicable, the charge for the additional features (Designated 10-Digit Translation, Call Validation, and

Call Handling and Destination) are per query and in addition to the Basic Toll Free Access query charge; and shall also be paid by CLEC.

5. MONTHLY BILLING

5.1 For information regarding billing, non-payment, disconnects, and dispute resolution, see the General Terms and Conditions of this Agreement.

6. APPLICABILITY OF OTHER RATES, TERMS AND CONDITIONS

6.1 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.

APPENDIX 800
EXHIBIT I

1. SPECIFICATIONS AND STANDARDS

	Description of Subject Area And Issuing Organization	Document Number
1.1		
1.1.1	Telcordia, SS7 Specifications	TR-NWT-000246
1.1.1.1		TR-NWT-000271
1.1.1.2		TR-NWT-000533
1.1.2	Telcordia, CCS Network Interface Specifications	TR-TSV-000905
1.1.2.1		TP 76638
1.1.2.2		TR-NWT-00095

APPENDIX COLLOCATION

TABLE OF CONTENTS

1. INTRODUCTION 3

2. DEFINITIONS 4

3. PURPOSE AND SCOPE OF AGREEMENT 7

4. GENERAL OFFERINGS 11

5. SPACE AVAILABILITY 21

6. DENIAL OF COLLOCATION EQUIPMENT 25

7. DEDICATED COLLOCATION SPACE CHARGES 26

8. USE OF DEDICATED COLLOCATION SPACE 29

9. OPERATIONAL RESPONSIBILITIES 34

10. VIRTUAL COLLOCATION 36

11. CASUALTY LOSS 37

12. RE-ENTRY 38

13. LIMITATION OF LIABILITY 38

14. INDEMNIFICATION OF SBC-ILEC 40

15. OSHA STATEMENT 40

16. NOTICES 40

17. INSURANCE 42

18. PROTECTON OF SERVICE AND PROPERTY 44

19. MISCELLANEOUS 46

20. APPLICABILITY OF OTHER RATES, TERMS AND CONDITIONS 48

APPENDIX COLLOCATION

1. INTRODUCTION

1.1 This Appendix sets forth terms and conditions for Collocation provided by the applicable SBC Communications Inc. (SBC) owned Incumbent Local Exchange Carrier (ILEC) and 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, Nevada Bell Telephone Company (NEVADA), The Ohio Bell Telephone Company, Pacific Bell Telephone Company (PACIFIC), The Southern New England Telephone Company (SNET), Southwestern Bell Telephone Company (SWBT) and/or Wisconsin Bell, Inc. d/b/a Ameritech Wisconsin.

1.3 **SBC-ILEC** - As used herein, **SBC-ILEC** means the applicable above listed ILECs doing business Arkansas, California, Connecticut, Illinois, Indiana, Kansas, Michigan, Missouri, Nevada, Ohio, Oklahoma, Texas, and Wisconsin.

1.4 **SBC-12STATE** - As used herein**, SBC-12STATE** means the applicable above listed ILEC(s) doing business in Arkansas, California, Illinois, Indiana, Kansas, Michigan, Missouri, Nevada, Ohio, Oklahoma, Texas, and Wisconsin.

1.5 **SBC-8STATE** - As used herein, **SBC-8STATE** means an applicable above listed ILEC(s) doing business in Arkansas, California, Connecticut, Kansas, Missouri, Nevada, Oklahoma, and Texas.

1.6 **SBC-7STATE** - As used herein, **SBC-7STATE** means the applicable above listed ILEC(s) doing business in Arkansas, California, Kansas, Missouri, Nevada, Oklahoma, and Texas.

1.7 **SBC-AMERITECH** - As used herein, **SBC-AMERITECH** means the applicable above listed ILEC(s) doing business in Illinois, Indiana, Michigan, Ohio, and Wisconsin.

1.8 **SBC-MOKA** - As used herein, **SBC-MOKA** means the applicable above listed ILEC doing business in Arkansas, Kansas, Missouri, and Oklahoma.

1.9 **SWBT-TX** - As used herein, **SWBT-TX** means the applicable SBC owned ILEC doing business in Texas.

1.10 **AM-MI** - As used herein, **AM-MI** means the applicable SBC owned doing business in Michigan.

1.11 **AM-IN** - As used herein, **AM-IN** means the applicable SBC owned ILEC doing business in Indiana.

1.12 **AM-IL** - As used herein, **AM-IL** means the applicable SBC owned ILEC doing business in Illinois.

1.13 **AM-WI** - As used herein, **AM-WI** means the applicable SBC owned ILEC doing business in Wisconsin.

1.14 **AM-OH** - As used herein, **AM-OH** means the applicable SBC owned ILEC doing business in Ohio.

1.15 **PACIFIC** - As used herein**,** **PACIFIC** means the applicable above listed ILEC doing business in California.

1.16 **NEVADA** - As used herein**,** **NEVADA** means the applicable above listed ILEC doing business in Nevada.

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

2. DEFINITIONS

2.1 **"Active Central Office Space"** denotes the existing, central office switchroom space, which can be designated for physical or virtual collocation, with sufficient infrastructure systems. ***Also denotes central office space that may contain obsolete unused equipment.***

2.2 **"Adjacent Structure"** is a Collocator provided structure placed on **SBC-ILEC** property adjacent to an Eligible Structure. This arrangement is only permitted when space is legitimately exhausted inside the Eligible Structure and to the extent technically feasible.

2.3 **"Application Fee"** includes the costs incurred by **SNET/PACIFIC/NEVADA** to process the Collocator's application for physical collocation arrangements.

2.4 **"Augment"** is a request from a Collocator to add equipment, cable, and/or Collocation services to an existing physical collocation arrangement.

2.5 **"Caged Physical Collocation"** is a cage or similar structure (not including a top) enclosing Collocator's dedicated collocation space in which a Collocator may install its telecommunications equipment.

2.6 **"Cageless Physical Collocation"** is a Collocation arrangement, provided in single bay increments, and does not require the construction of a cage or similar structure.

2.7 **"Collocation Area for Physical Collocation"** is the common area providing access to an area surrounding the Collocator's dedicated space ***as well as the space dedicated to Collocators.***

2.8 **"Collocation Interconnection Power Panel (CIPP)"** is a DC Power panel for Power termination. ***Two DC Power panels are available: (1) A DC power panel designed to provide either 20, 40 or 50 (Maximum) AMPS (redundant) of DC voltage, (2) A DC Power Panel designed to provide either 100 or 200 (Maximum) AMPS (redundant) of DC voltage.***

2.9 **"COBO"** the Central Office Build Out that represents the typical conditioning costs (not to include Extraordinary build out Expenses) to make an unused Premises space suitable for a collocation arrangement (Dedicated Collocation Space) in **SBC-AMERITECH**.

2.10 **"Collocator"** is any individual, partnership, association, joint-stock company, trust corporation, or governmental entity or any other entity who is collocated in Utility location, for purposes of Interconnection with the Utility or access to Unbundled Network Elements (UNE).

2.11 **"Dedicated Collocation Space"** is the space dedicated for the Collocator's physical collocation arrangement located within a **SBC-ILEC** Eligible Structure.

2.12 **"Delivery Date"** the date upon which the CLEC or Requesting Carrier will be provided the collocated space or Dedicated Collocation Space in **SBC-ILEC**.

2.13 **"Eligible Structure"** is (1) a **SBC-ILEC** central office, serving wire center or tandem office, or (2) a building or similar structure owned or leased by **SBC-ILEC** that houses its network facilities, or (3) a structure that houses **SBC-ILEC** transmission facilities on public rights-of-way.

2.14 **"Engineering Design Charge"** is the cost for **SBC-ILEC** employees to perform the central office survey for caged and cageless serving arrangements and to implement the collocation area.

2.15 **"Extraordinary Costs** or extraordinary expenses include such items as asbestos removal, fire suppression system or containment, modifications or expansion of cable entry facility, individualized DC power system infrastructure needs, increasing the capacity of the AC system, or the existing commercial power facility requirements, installation, maintenance, repair, monitoring of securing

measures, conversion of non-collocation space, compliance with federal and state requirements or other modifications required by local ordinances.

2.16 **"Individual Case Basis (ICB)"** is a pricing method used for services that are not tariffed or are not standard offerings or configurations.

2.17 **"Interconnector's Collocation Services Handbook"** is a publication provided to the CLECs which provides information on how to order collocation arrangements from **SBC-8STATE**. The document also provides information about **SBC-8STATE**'s collocation processes and requirements and is located on the CLEC website (https://clec.sbc.com/)

2.17.1 **SBC-AMERITECH** provides similar information at a website (http://tcnet.ameritech.com/).

2.18 "**Non Standard Collocation Request (NSCR)**" in **SBC-ILEC**, is a pricing method used for services that are not tariffed or are not standard offerings or configurations.

2.19 **"Occupancy date"** the date that **SBC-ILEC** may begin billing recurring charges and the Dedicated Collocation Space is made available for occupancy by the CLEC or Requesting Carrier.

2.20 **"Other Central Office Space"** denotes the space within the central office which can be designated for physical collocation where infrastructure systems do not currently exist and must be constructed.

2.21 **"Preparation Charges"** are the charges applicable to the preparation of **SBC-AMERITECH** Premises for Collocation, including any COBO charges, cage enclosure charges, cage enclosure charges, and extraordinary charges or expense.

2.22 **"Point of Termination (POT)"** denotes the point of demarcation, within an Eligible Structure at which the **SBC-ILEC** responsibility for the provisioning of service ends.

2.23 **"Project Coordination Fee"** reflects **SNET/PACIFIC/NEVADA** labor costs to manage the provisioning of the individual Collocator's space requirements for a particular physical collocation space request. This fee is applicable upon the submission of an application.

2.24 **"Shared Physical Collocation Cage"** is a caged dedicated collocation space that is shared by two or more Collocators within the **SBC-ILEC**'s Eligible Structure.

2.25 **"Unused Space"** denotes any space in the Eligible Structure which is not occupied by **SBC-ILEC** personnel and/or occupied by or reserved for **SBC-ILEC**

network equipment including affiliates and 3rd parties. May also be used to denote space within a specific Collocator's area that is not occupied by or reserved for Collocator's equipment. (See also sections 4.1.2.1, 4.1.3.1, 5.12, & 10.1)

3. PURPOSE AND SCOPE OF AGREEMENT

3.1 The Parties agree that this Agreement does not constitute, and shall not be asserted to constitute, an admission or waiver or precedent with the State Tariffs in California, Texas, Connecticut, Illinois, Michigan, Wisconsin or the State Commission, the Federal Communications Commission, any other regulatory body, any State or Federal Court, or in any other forum that **SBC-ILEC** has agreed or acquiesced that any piece of Collocator equipment or facility is "equipment necessary for interconnection or access to unbundled network elements" under 47 U.S.C. 251(c)(6).

3.2 Nothing in this agreement requires **SBC-ILEC** to permit collocation of equipment used solely for switching (e.g. 5ESS, DMS 100, etc.) or solely to provide enhanced services; provided, however, that **SBC-ILEC** may not place any limitations on ability of Collocator to use all features, functions, and capabilities of collocated equipment including switching and routing features and functions and enhanced services functionalities if such equipment is necessary for access to UNEs or for interconnection with **SBC-ILEC** 's network. **SBC-ILEC** may require Collocator's employees to undergo the same level of security training, or its equivalent, that **SBC-ILEC** 's own employees, or third party contractors providing similar functions must undergo; provided that **SBC-ILEC** may not require Collocator's employees to receive such training from **SBC-ILEC** itself, but must provide information to Collocator on the specific type of training required so Collocator's employees can conduct their own training.

3.3 Submission to State Commission

3.3.1 The effectiveness of this Agreement is conditioned upon the unqualified approval of this Agreement, whether as a result of an approval process or by operation of law, under 47 U.S.C. 252(a)(1). After execution of this Agreement, **SBC-ILEC** and parties shall submit it to the State commission for the State in which Collocator desires physical collocation as thereby required for approval, and shall defend the Agreement and support any reasonable effort to have this Agreement so approved, including the supplying of witnesses and testimony if a hearing is to be held.

3.4 Failure to Receive Approval

3.4.1 In the event that this Agreement does not receive such unqualified

approval, this Agreement shall be void upon written notice of either party to the other after such regulatory action becomes final and unappealable. Thereafter Collocator may request to begin negotiations again under 47 U.S.C. 251. Alternatively, **SBC-ILEC** and parties may both agree to modify this Agreement to receive such approval, but neither shall be required to agree to any modification. Any agreement to modify shall not waive the right of either party to pursue any appeal of the ruling made by any reviewing regulatory commission.

3.5 Preparation Prior to Regulatory Approval

3.5.1 Upon the written request of Collocator, **SBC-ILEC** shall consider an application for collocation space submitted prior to receiving the approval required by Section 3.3. Upon such an election, this Agreement shall become effective but only insofar as to be applicable to the consideration of an application for collocation space. In the event that the Agreement does not become fully effective as contemplated by this Section, Collocator shall not be entitled to any refund or return of any such payments beyond any portion of the charges paid but not attributable to costs incurred by **SBC-ILEC**. To the extent that **SBC-ILEC** has incurred preparation costs not included within any payment made by Collocator, Collocator shall pay those costs within thirty (30) days of notice by **SBC-ILEC**.

3.6 Price Quote or Response Intervals are as follows and will run concurrent with the ten (10) day notification interval for availability of space. The Response Interval is the time period at the end of which **SBC-ILEC** must advise the CLEC if space is available for the Collocation arrangement requested. The Price Quote (Quotation) Interval relates to the period in which **SBC-ILEC** will provide the CLEC with a quotation of rates and a Construction Interval for the desired arrangement.

3.6.1 **SBC-ILEC** Response Interval

Number of Applications By One Collocator Within 5 Days	***Response Interval***
1 – 5	10 Business Days
6 – 10	15 Business Days
11 - 15	20 Business Days

Should Collocator submit sixteen (16) or more applications within five (5) business days, the quotation interval will be increased by five (5) business days for every five (5) additional applications or fraction thereof. Any material revision to an application will be treated as a new application and will be subject to the time intervals set forth above.

3.6.2 **SBC-ILEC** Quotation Interval

Number of Applications By One Collocator Within 5 Days	***Quotation Interval***
1 – 5	35 Business Days
6 – 10	40 Business Days
11 - 15	45 Business Days

Should Collocator submit sixteen (16) or more applications within five (5) days, the quotation response will be increased by five (5) business days for every five (5) additional applications or fraction thereof. Any material revision to an application will be treated as a new application and will be subject to the time intervals set forth above.

3.6.3 Collocator may obtain a shorter interval for the return of price quotes or responses than that set forth above by scheduling a meeting with **SBC-ILEC** at least twenty (20) business days prior to submission of the first application to discuss, coordinate and prioritize Collocator applications.

3.6.4 In **SBC-ILEC** the Collocator has sixty-five (65) business days from receipt of the quotation to accept the quotation. The quotation expires after sixty-five (65) business days. After sixty-five (65) business days, a new application, application fee, and engineering design charge are required.

3.7 Construction Intervals

3.7.1 **SBC-ILEC** will complete construction of all Active Central Office Switchroom Space requests for caged, shared, and cageless collocation 110 days from the receipt of Collocator's acceptance of the quotation or initial COBO (Central Office Build Out).

3.7.1.1 Should the Collocator submit 11 or more applications within 10 business days the provisioning interval will be increased by 10 business days for every 10 additional applications.

3.7.2 Unless otherwise mutually agreed to by the Parties in writing, where power does not exist or in Other Central Office Space, **SBC-ILEC** will complete construction of requests for caged, shared, or cageless collocation within 180 days from receipt of Collocator's acceptance of the quotation.

3.7.2.1 Should the Collocator submit 11 or more applications within 10 business days the provisioning interval will be increased by 10 business days for every 10 additional applications.

3.7.3 Adjacent Structure Collocation Installation Intervals

3.7.3.1 **SBC-ILEC** installation interval, rates, terms and conditions for Adjacent Structures Collocation will be determined on an individual case basis (ICB)/Non Standard Collocation Request (NSCR).

3.7.4 CLEC Installation Intervals

3.7.4.1 CLEC will, whenever possible, place their telecom equipment in the dedicated space within 30 calendar days of space turnover. CLEC must complete placement of CLEC Telecom Equipment in the Dedicated Space and interconnect to **SBC-ILEC**'s network or to its unbundled network elements within one hundred eighty (180) calendar days after space turnover. If CLEC fails to do so, **SBC-ILEC** may, upon notice, terminate that Physical Collocation arrangement, and CLEC shall be liable in an amount equal to the unpaid balance of the charges due under and, further, shall continue to be bound by the provisions of this Appendix, the terms or context of which indicate continued viability or applicability beyond termination. For purposes of this Section, CLEC Telecom Equipment is considered to be interconnected when physically connected to **SBC-ILEC**'s network or a **SBC-ILEC** unbundled network

element for the purpose of CLEC providing a telecommunications service.

3.8 Augments

3.8.1 **SBC-ILEC** shall allow CLEC to augment its collocation space when they reach a 60 percent utilization rate and shall allow CLEC to begin the applications process prior to reaching the 60% utilization rate if CLEC expects to achieve 60% utilization before the process is completed.

4. GENERAL OFFERINGS

4.1 Except where physical collocation is not practical for technical reasons or because of space limitations, **SBC-ILEC** will provide physical collocation to CLEC for the purpose of interconnecting with **SBC-ILEC**'s network or for obtaining access to **SBC-ILEC**'s unbundled network elements pursuant to 47 U.S.C. 251(c). Physical collocation shall be provided on a non-discriminatory basis, on a "first-come, first served" basis, and otherwise in accordance with the requirements of the Act (including 47 U.S.C. 251(c)(6), and applicable FCC rules thereunder. **SBC-ILEC**'s physical collocation offering includes the following:

4.1.1 Caged Physical Collocation

4.1.1.1 In the **SBC-ILEC**'s, CLEC may apply for Caged Physical Collocation in initial and subsequent increments of 50 square feet. The caged serving arrangement is an area designated by **SBC-ILEC** within an Eligible Structure to be used by a CLEC for the sole purpose of installing, maintaining and operating Collocator provided equipment. **SBC-ILEC** will provide floor space, floor space conditioning, cage common systems and safety and security on a per square foot basis. **SBC-ILEC** will prorate the charge for site conditioning and preparation undertaken to construct or condition the collocation space so the first Collocator in a **SBC-ILEC** premise will not be responsible for the entire cost of site preparation.

4.1.2 Shared Caged Collocation

4.1.2.1 Upon request, **SBC-ILEC** shall provide CLEC Shared Caged Collocation in any Unused Space. **"Shared Caged Collocation"** is caged Physical Collocation space shared by CLEC and one or more other CLECs pursuant to terms and conditions agreed upon by such carriers.

4.1.2.1.1 A CLEC may request that **SBC-ILEC** provide Shared Caged Collocation via a new request for Physical Collocation whereby the CLEC requesting such space allocates the requested space among the number of CLECs initially requesting such space (**"New Shared Collocation"**) or a request by CLEC to enter into a sublease arrangement with another Resident Collocators(s) in CLEC's existing Physical Collocation (**"Subleased Shared Collocation"**). In each Shared Caged Collocation arrangement, **SBC-ILEC**'s single point of contact (SPOC) with respect to such arrangement shall be referred to as the **"Primary Collocator"**. For New Shared Collocation, the Primary Collocator shall be the single CLEC that submits the request for New Shared Collocation on behalf of the other Resident Collocators. For Subleased Shared Collocation, the Primary Collocator shall be the CLEC that originally requested and occupied such space and is the sublessor in such arrangement. For purposes of this section, each CLEC (including Resident Collocator(s) and the Primary Collocator) to a Shared Caged Collocation arrangement is sometimes referred to as a **"Resident Collocator"**. An order for Shared Caged Collocation shall include blanket letters of authorization signed by the Primary Collocator that authorize each other Resident Collocator to utilize the Connecting Facility Assignments associated with the Primary Collocator and signed by each Resident Collocator that authorize the Primary Collocator to request and place firm orders for Shared Caged Collocation and facilities on behalf of such Resident Collocators.

4.1.2.1.2 New Shared Collocation is available in minimum increments of fifty (50) square feet (per caged space dimensions, not per CLEC Resident Collocators shall request New Shared Collocation from **SBC-ILEC** in a single application. A request and any subsequent order for New Shared Collocation shall be submitted by the Primary Collocator. When making New Shared Collocation available, **SBC-ILEC** shall not, except as otherwise specifically required to accommodate a Resident Carrier's specific instructions, increase the Preparation

Charges above the cost of provisioning a cage of similar dimensions and materials to a single collocating CLEC. **SBC-ILEC** will prorate the Preparation Charges incurred by **SBC-ILEC** to construct the shared Collocation cage or condition the space for Collocation use among the Resident Collocators utilizing the New Shared Collocation space, by determining the total preparation charges to make that space available and allocating that charge to each Resident Collocator based on the percentage attributable to each Resident Collocator as provided on the Collocation order by the Primary Collocator, provided that the percentage divided among the Resident Collocators in a New Shared Collocation space equals one hundred percent (100%) of such Preparation Charges. Allocation of Preparation Charges shall occur only upon the initial delivery of New Shared Collocation and **SBC-ILEC** shall not be required to adjust such allocation if another Resident Collocator subsequently shares such space. Except with respect to prorated Preparation Charges, **SBC-ILEC** shall bill only the Primary Collocator for, and the Primary Collocator shall be the primary obligor with respect to the payment of, all charges other than Preparation Charges billed on New Shared Collocation. It is the Primary Collocator's responsibility to recover from each other Resident Collocator such CLEC's proportionate share of such other charges billed to the Primary Collocator for the New Shared Cage Collocation. If CLEC is a Resident Collocator but not the Primary Collocator in a New Shared Collocation arrangement, CLEC agrees that the rates, terms and conditions of the Collocation provisions of the Primary Collocator's Section 251/252 agreement shall apply to its New Shared Collocation arrangement in lieu of those set forth herein. Further, if CLEC is the Primary Collocator in a New Shared Collocation arrangement, as a condition of ordering New Shared Allocation, CLEC shall require its Resident Collocator(s) to execute an agreement prior to the Delivery Date that, inter alia, requires such Resident Collocator(s)' compliance with the terms, conditions and restrictions relating to Collocation contained in

this Agreement and designates **SBC-ILEC** as a third party beneficiary of such agreement. CLEC, acting in its capacity as Primary Collocator, shall notify its Resident Collocator(s) of the obligation to comply with the Collocation provisions of this Agreement and shall be responsible for any breach of such provisions by the Resident Collocator(s).

4.1.2.1.3 For Subleased Shared Collocation, if the CLEC is the Primary Collocator, then CLEC shall be responsible for its and its Resident Collocator's compliance with the terms, conditions and restrictions of this Agreement. As a condition to permitting another CLEC to sublease space from CLEC, CLEC shall require such other CLEC(s) to execute a sublease agreement prior to the Delivery Date that, inter alia, requires such CLEC's compliance with the terms, conditions and restrictions relating to Collocation contained in this Agreement and designates **SBC-ILEC** as a third party beneficiary of such agreement. CLEC, acting in its capacity as Primary Collocator, shall notify its Resident Collocator(s) of the obligation to comply with the Collocation provisions of this Agreement and shall be responsible for any breach of such provisions by the Resident Collocator(s). If CLEC is the subleassee (i.e., not the Primary Collocator) in a Subleased Shared Collocation arrangement, CLEC agrees that the rates, terms and conditions of the Collocation provisions of the Primary Collocator's Section 251/252 agreement shall apply to its Subleased Shared Collocation arrangement in lieu of those set forth herein.

4.1.2.1.4 The Primary Collocator represents and warrants to **SBC-ILEC** that each Resident Collocator with which it shares Shared Caged Collocation space shall Collocate equipment only as permitted by **5.1** and which is necessary to Interconnect with **SBC-ILEC** or for access to **SBC-ILEC** 's unbundled Network Elements. **SBC-ILEC** shall provide CLEC access to **SBC-ILEC** 's unbundled Network Elements and permit CLEC to Interconnect its network with **SBC-ILEC** from Shared Caged Collocation, regardless if CLEC was the original

Collocator. CLEC, however, shall have no right to request and **SBC-ILEC** shall have no obligation to provide CLEC's Resident Collocators access to **SBC-ILEC** 's unbundled Network Elements or **SBC-ILEC** 's network. Instead, a Resident Collocator's rights shall be as determined by such Resident Collocator's contractual arrangement (Section 251/252 agreement or tariff, as applicable) with **SBC-ILEC**.

4.1.2.1.5 As a condition of entering into Shared Caged Collocation, CLEC agrees that if it is not the Primary Collocator in a New Shared Collocation, or if it is the sublessee in a Subleased Shared Collocation arrangement, it unconditionally and irrevocably undertakes and guarantees **SBC-ILEC** the prompt and full payment of any charges assessed on the Shared Caged Collocation. If the Primary Collocator in a Shared Caged Collocation arrangement no longer occupies the space, the other Resident Collocators must immediately identify a new Primary Collocator. If only one CLEC remains in the Shared Cage Collocation, that CLEC shall become the Primary Collocator. **SBC-ILEC** shall bill the new Primary Collocator any applicable charges to change **SBC-ILEC**'s records and databases to reflect such new Primary Collocator.

4.1.3 Cageless Physical Collocation

4.1.3.1 Subject to technical feasibility and security requirements, **SBC-ILEC** will allow CLEC to collocate in any unused space (space that is vacant and does not contain **SBC-ILEC** equipment, is not reserved for growth, is not used for administrative or other functions, and is not needed for access to, egress from, or work within occupied or reserved space) in **SBC-ILEC**'s Eligible Structure (eg. Central Office), without requiring the construction of a cage or similar structure, and without requiring the creation of a separate entrance to CLEC's dedicated space. **SBC-ILEC** will designate the space to be used for cageless collocation. **SBC-ILEC** may require CLEC to use a central entrance to the building in which the cageless collocation is provided, but may not require construction of a new entrance for CLEC's or other collocating carriers' use, and once inside the building, **SBC-**

ILEC must permit CLEC to have direct access to CLEC's equipment.

4.1.3.2 **SBC-ILEC** may not require CLEC to use an intermediate interconnection arrangement (i.e., a POT bay) that simply increases collocation costs without a concomitant benefit to incumbents, in lieu of direct connection to **SBC-ILEC**'s network if technically feasible. In addition, **SBC-ILEC** may not require CLEC to collocate in a room or isolated space, separate from **SBC-ILEC**'s own equipment, which only serves to increase the cost of collocation and decrease the amount of available collocation space. **SBC-ILEC** may take reasonable steps to protect its own equipment, such as, but not limited to, enclosing **SBC-ILEC** equipment in its own cage, and other reasonable security measures examples of which are described herein. **SBC-ILEC** may utilize reasonable segregation requirements that do not impose unnecessary additional cost on CLEC.

4.1.3.2.1 CLEC may install all racks, equipment as well as terminate all **SBC-ILEC** installed cabling to the respective termination panels in the CLEC's assigned cageless collocation space. Prior to the CLEC's acceptance of space and subsequent installation, all cabling (DC power, DS1, DS3 and DS0 cables) will be run to the designated rack spaces based on the collocation application for the specific space submitted to **SBC-ILEC** from the CLEC. Such cabling, delivered with a minimum of ten (10) feet of slack from the floor of the designated collocation space will be labeled to facilitate termination.

4.1.3.3 **SBC-ILEC** must make cageless collocation space available in single-bay increments, meaning that CLEC can purchase space in single bay increments. **SBC-ILEC** will prorate the charge for site conditioning and preparation undertaken to construct or condition the collocation space so the first Collocator in a **SBC-ILEC** premise will not be responsible for the entire cost of site preparation.

4.1.4 Adjacent Structure Collocation

4.1.4.1 When space is legitimately exhausted inside an **SBC-ILEC** Eligible Structure, **SBC-ILEC** will permit CLEC to physically collocate in an Adjacent Structure (e.g. controlled environmental

vaults or similar structures such as those used by **SBC-ILEC** to house telecommunications equipment) to the extent technically feasible. **SBC-ILEC** will permit CLEC to construct or otherwise procure such adjacent structure, subject to reasonable safety and maintenance requirements, zoning and other state and local regulations, and **SBC-ILEC**'s right to exercise reasonable control over the design, construction, and placement of such Adjacent Structures. **SBC-ILEC** will allow the CLEC to provide equipment installed within the Adjacent Structure. CLEC will be responsible for securing the required licenses and permits, the required site preparations, and will retain responsibility for building and site maintenance associated with placing the Adjacent Structure. **SBC-ILEC** may reserve reasonable amounts of space adjacent to its Eligible Structure needed to expand its Eligible Structure to meet building growth requirements. **SBC-ILEC** will assign the location of the Designated Space where the Adjacent Structure will be placed.

4.1.4.2 When requested, **SBC-ILEC** will provide up to 100 AMPS of AC power to the Adjacent Structure when Central Office Switchboard AC capacity exists and up to 200 AMPS of DC power to the Adjacent Structure up to 200 cable feet from the Central Office power source. When power requirements are beyond these office capacities and distance limitations, **SBC-ILEC** will treat the requirements as a non-standard request (ICB or NSCR) and coordinate a mutually agreeable solution for provisioning power with CLEC. At its option, CLEC may choose to provide its own AC and DC power to the Adjacent Structure. **SBC-ILEC** will provide power and physical collocation services and facilities to such Adjacent Structures, subject to the same nondiscrimination requirements as other physical collocation arrangements in this Agreement.

4.2 All requests for Other Physical Collocation arrangements will be considered on a case-by-case basis (ICB or NSCR). When CLEC requests a particular collocation arrangement, the CLEC is entitled to a rebuttable presumption that such arrangement is technically feasible if any incumbent LEC with a substantially similar network has deployed such collocation arrangement in any incumbent LEC Dedicated Space. If **SBC-ILEC** refuses to provide a collocation arrangement, or an equally cost effective arrangement, it may do so if it rebuts the presumption before the state commission that the particular premises in question cannot support the arrangement because of either technical reasons or lack of space.

4.3 Interconnection Arrangement - **SBC-ILEC** shall provide, at the request of the CLEC, the connection between the CLEC's optional POT frame or equipment bay

and the **SBC-ILEC** network. The CLEC cannot provide the connection. The CLEC will not be permitted access to the **SBC-ILEC** Main Distribution Frame or Intermediate Distribution Frame. If regeneration equipment is required, for any reason, it will be at the CLEC's expense. Interconnection Arrangements options are as follows: DS0 Arrangement, DS1 Arrangement, DS3 Arrangement and Fiber Arrangement.

4.4 **SBC-ILEC** shall provide, at the request of CLEC, the connection between the equipment in the physical collocation spaces of two or more telecommunications carriers. Available connections include copper cable, coaxial cable, and fiber optic cable. Upon request, **SBC-ILEC** shall permit CLEC to construct its own connection between CLEC's equipment and that of one or more collocating carriers, if CLEC does not request **SBC-ILEC**'s construction of such facilities. **SBC-ILEC** shall permit CLEC to construct such facilities using copper, coaxial or optical fiber equipment.

4.5 Within a contiguous area within the Eligible Structure, **SBC-ILEC** shall permit CLEC to connect its equipment with that of another collocated telecommunications carriers within the same Eligible Structure provided that the collocated equipment is also used for interconnection with **SBC-ILEC** or for access to **SBC-ILEC**'s unbundled network elements.

4.5.1 CLEC will not be permitted to place cable over **SBC-ILEC**'s switches or other critical equipment. **SBC-ILEC** will designate the route and space to be used for such facilities. **SBC-ILEC** shall permit CLEC to construct such facilities using copper or optical fiber facilities subject to the same reasonable safety requirements that **SBC-ILEC** imposes on its own equipment and facilities, without requiring the Collocator to purchase any equipment or connecting facilities solely from **SBC-ILEC**.

4.6 If the Collocators are not located on the same floor and cannot physically pull the cable themselves through the **SBC-ILEC** provided structure(s), **SBC-ILEC** will perform the necessary construction and perform the cable pull on a time and materials basis. At no time will CLEC be allowed access to any portion of the central office other than the collocation area — except for reasonable access to restrooms and parking lots where available. **SBC-ILEC** will not make the physical connection with CLEC's equipment, **SBC-ILEC** will not accept any liability for the cable or the connections and **SBC-ILEC** will not maintain any records concerning these connections.

4.7 **SBC-ILEC** shall permit CLEC to place its own connecting transmission facilities within **SBC-ILEC**'s Eligible Structure in the physical collocation space, without requiring the Collocator to purchase any equipment or connecting facilities solely from **SBC-ILEC**, subject to reasonable safety limitations. CLEC shall not have access to **SBC-ILEC**'s Main Distribution Frame and/or Intermediate Distribution

Frame. As provided herein, **SBC-ILEC** may require reasonable security arrangements to protect its equipment and ensure network reliability. Except as provided below, **SBC-ILEC** may only impose security arrangements that are as stringent as the security arrangements that **SBC-ILEC** maintains at its own premises for its own employees or authorized contractors. **SBC-ILEC** must allow CLEC to access its installed physical collocation equipment 24 hours a day, seven days a week, in **SBC-ILEC** Eligible Structures without requiring either a security escort of any kind or delaying a CLEC's employees' entry into **SBC-ILEC**'s Eligible Structure. Reasonable security measures that **SBC-ILEC** may adopt include, but are not limited to, the following:

4.7.1 Installing security cameras or other monitoring systems; or

4.7.2 Requiring CLEC personnel to use badges with computerized tracking systems; or

4.7.3 Requiring CLEC employees to undergo the same level of security training, or its equivalent, that **SBC-ILEC**'s own employees, or third party contractors providing similar functions, must undergo; provided, however, that **SBC-ILEC** may not require CLEC employees to receive such training from **SBC-ILEC** itself, but must provide information to CLEC on the specific type of training required so CLEC's employees can conduct their own training.

4.7.4 **SBC-ILEC** may take reasonable steps to protect its own equipment, such as enclosing the equipment in a cage.

4.8 Relocation – In the event **SBC-ILEC** determines it necessary for Dedicated Collocation Space to be moved within the Eligible Structure in which the Dedicated Collocation Space is located or to another Eligible Structure, CLEC is required to do so. If such relocation arises from circumstances beyond the reasonable control of **SBC-ILEC**, including condemnation or government order or regulation that makes the continued occupancy of the dedicated collocation space or Eligible Structure too costly in **SBC-ILEC**'s sole judgment, CLEC shall be responsible for the cost of preparing the new dedicated collocation space at the new location. Otherwise **SBC-ILEC** shall be responsible for any reasonable preparation costs

4.8.1 In the event that CLEC requests that the Dedicated Collocation Space be moved within the **SBC-ILEC** Eligible Structure or to another Eligible Structure, **SBC-ILEC** shall permit CLEC to relocate the Dedicated Collocation Space, subject to the availability of space and associated requirements. CLEC shall be responsible for all charges associated with the move, including the reinstallation of its equipment and facilities and

the preparation of the new Dedicated Collocation Space and the new Wire Center as applicable.

4.9 CLECs will conduct background checks of their personnel and technicians who will have access to the Collocation Area. CLEC technicians will be security qualified by the CLEC and will be required to be knowledgeable of **SBC-ILEC**'s security standards. CLEC personnel and technicians will undergo the same level of security training, or its equivalent that **SBC-ILEC**'s own employees and authorized contractors must undergo. **SBC-ILEC** will not, however, require CLECs to receive security training from **SBC-ILEC**. CLECs can then provide their employees with their own security training. Qualification program and security training details shall be included in **SBC-ILEC**'s technical publications and/or Collocation website(s).

4.10 CLECs and **SBC-ILEC** will each establish disciplinary procedures up to and including dismissal or denial of access to the Eligible Structure and other **SBC-ILEC**'s property for certain specified actions that damage, or place the equipment, facilities, or the network or personnel of the CLECs or **SBC-ILEC** in jeopardy. The following are actions that could damage or place the Eligible Structure, or the network or the personnel of the CLECs or **SBC-ILEC**, in jeopardy and may justify disciplinary action up to and including dismissal or the denial of access to the Eligible Structure and other **SBC-ILEC** property:

4.10.1 Theft or destruction of **SBC-ILEC**'s or any CLEC's property.

4.10.2 Use or attempted use/sale of alcohol or illegal drugs on **SBC-ILEC**'s property.

4.10.3 Industrial espionage.

4.10.4 Threats or violent acts against other persons on **SBC-ILEC**'s property.

4.10.5 Knowing violations of any local, state or federal law on **SBC-ILEC**'s property.

4.10.6 Permitting unauthorized persons access to **SBC-ILEC**'s or CLEC's equipment on **SBC-ILEC**'s property.

4.10.7 Carrying a weapon on **SBC-ILEC**'s property.

4.11 In addition, the CLEC and **SBC-ILEC** will take appropriate disciplinary steps as determined by each party to address any violations reported by **SBC-ILEC** or the CLEC of **SBC-ILEC**'s policies and practices on security, safety, network reliability, and business conduct as defined in **SBC-ILEC**'s Interconnector's Collocation Services Handbook and/or Collocation website(s), provided the such information and any and all updates to it are timely provided to the CLEC.

4.12 CLECs will provide indemnification and insurance as set forth in this agreement to cover any damages caused by the CLEC's technicians at a level commensurate with the indemnification and insurance provided by **SBC-ILEC**'s authorized contractors with equivalent access. The indemnification provisions and requirements are reciprocal to **SBC-ILEC** as well.

4.13 **SBC-ILEC** may use reasonable security measures to protect its equipment, including, but not limited to, enclosing its equipment in its own cage, the use of security cameras or other monitoring devices, badges with computerized tracking systems, identification swipe cards, keyed access, and/or logs, as appropriate for the Eligible Structures where physical collocation will take place. **SBC-ILEC**'s enclosure of its own equipment will not be a basis for a claim that space is exhausted.

5. SPACE AVAILABILITY

5.1 At the request of CLEC, **SBC-ILEC** will provide space for physical collocation as described above. **SBC-ILEC** is not required to provide physical collocation at a particular Eligible Structure if it demonstrates that physical collocation is not practical for technical reasons or because of space limitations. In such cases and with the qualifications set forth above, **SBC-ILEC** will provide Adjacent

Structure Collocation as described above or Virtual Collocation, except at points where **SBC-ILEC** proves that Adjacent Structure Collocation and/or Virtual Collocation is not technically feasible. If Adjacent Structure Collocation or Virtual Collocation is not technically feasible, **SBC-ILEC** will make a good faith effort to negotiate other methods of interconnection and access to unbundled network elements to the extent technically feasible.

5.2 The determination whether there is sufficient space to accommodate physical collocation at a particular Eligible Structure will be made initially by **SBC-ILEC**. **SBC-ILEC** will notify CLEC within ten (10) business days of submission of a completed Application for physical collocation by CLEC as to whether its request for space is been granted or denied due to a lack of space.

5.2.1 When space for physical collocation in a particular Eligible Structure is not available, **SBC-ILEC** shall place CLEC on the waiting list for collocation in a particular Eligible Structure according to the date CLEC submitted its application for physical collocation in that Eligible Structure

5.2.2 Any nonrecurring charges collected with the application, except the application fee will be returned to the CLEC. **SBC-ILEC** will, at the same time, forward a copy of the letter denying the CLEC's request to the appropriate State Commission.

5.3 If **SBC-ILEC** contends space for physical collocation is not available in a premises, **SBC-ILEC** must allow CLEC to tour the entire central office or other Eligible Structure in question, not just the area in which space was denied, without charge, within ten business days, or such later date as mutually agreed, of the receipt of **SBC-ILEC**'s denial of space. Prior to taking a tour, each representative must execute and deliver to **SBC-ILEC** a standard nondisclosure agreement. In no event shall any camera or other video/audio-recording device be brought on or utilized during any tour of an **SBC-ILEC**'s Premises.

5.3.1 If **SBC-ILEC** denies CLEC's Physical Collocation request because of space limitations and, after touring the applicable Premises, the Parties are unable to resolve the issue of whether the denial of space was proper, **SBC-ILEC** shall, in connection with any complaint filed by CLEC, file with the Commission detailed floor plans or diagrams of such Premises, subject to protective order.

5.3.1.1 Within ten (10) days of CLEC submitting a request to **SBC-ILEC** for physical collocation, if **SBC-ILEC** finds that it must deny the request, **SBC-ILEC** must file its response, under seal, with the Commission. The response includes the following information:

5.3.1.2 Central Office Common Language Identifier, where applicable;

5.3.1.3 The identity of the requesting CLEC, including amount of space sought by CLEC;

5.3.1.4 Total amount of space at the premises;

5.3.1.5 Floor plans including measurements of the **SBC-ILEC** premises, showing:

5.3.1.5.1 Space housing **SBC-ILEC** network equipment or administrative offices;

5.3.1.5.2 Space housing unused obsolete equipment, if any;

5.3.1.5.3 Space which does not currently house **SBC-ILEC** equipment or administrative offices but is reserved by **SBC-ILEC** for future use;

5.3.1.5.4 Space occupied by Collocators for the purpose of network interconnection or access to unbundled network elements;

5.3.1.5.5 Space, if any, occupied by third parties for other purposes;

5.3.1.5.6 Remaining space, if any.

5.3.1.5.7 Identification of turnaround space for the switch or other equipment, if any;

5.3.1.5.8 Central office rearrangement/expansion plans, if any and

5.3.1.5.9 Description of other plans, if any, that may relieve space exhaustion.

5.4 **SBC-ILEC** will maintain a publicly available document, posted for viewing on **SBC-ILEC**'s Internet site(s), indicating all premises that are full, and will update such a document within ten days of the date at which a premises runs out of physical collocation space.

5.5 Upon request, **SBC-ILEC** must submit to the requesting carrier within ten days of the submission of the request a report indicating the available collocation space in a particular **SBC-ILEC** Eligible Structure. This report will specify the amount of

collocation space available at each requested Dedicated Space, the number of Collocators, and any modifications in the use of the space since the last report. This report will also include measures that **SBC-ILEC** is taking to make additional space available for collocation. **SBC-ILEC** will provide a report for 1 to 5 requests in 10 business days and 6 to 20 requests in 25 business days. Should the CLEC submit more than 20 requests at once for central offices where there is no current collocation or collocation forecasted, **SBC-ILEC** will provide the information on a scheduled basis of ten additional offices every ten days.

5.5.1 In **SBC-ILEC**, Reports shall be ordered via the Collocation order form and shall specifically identify the CLLI code of each Premise for which a report is ordered.

5.6 In any Central Office in which all options for physical collocation offered by **SBC-ILEC** have been exhausted, **SBC-ILEC** shall not be permitted to provide additional space in that Central Office for any of its affiliates

5.7 **SBC-ILEC** is not required to lease or construct additional space to provide for physical collocation when existing space has been exhausted. Moreover, **SBC-ILEC** is not required to, nor shall this Appendix create any obligation or expectation, to relinquish used, or forecasted space to undertake the construction of new quarters or to construct additions to existing quarters in order to satisfy any request for additional space or the placement of CLEC equipment or facilities, whether through an initial request for physical collocation or a subsequent request for more space in an Eligible Structure. **SBC-ILEC** and CLEC shall not unreasonably warehouse forecasted space.

5.8 To the extent possible, **SBC-ILEC** will make contiguous space available to CLEC if CLEC seeks to expand an existing physical collocation arrangement and such request meets **SBC-ILEC**'s non-discriminatory practices regarding efficient space utilization.

5.9 When planning renovations of existing Eligible Structures or constructing or leasing new Eligible Structures, **SBC-ILEC** will take into account future demand based upon its knowledge of CLEC demand for Collocation. CLEC will provide **SBC-ILEC** with a two (2)-year-rolling forecast of its requirements for Collocation that will be reviewed jointly on a yearly basis by the Parties.

5.10 **SBC-ILEC** may retain a limited amount of floor space for **SBC-ILEC**'s own specific future uses for a time period on terms no more favorable to **SBC-ILEC** for like equipment than those that apply to other telecommunications carriers, including CLEC, seeking to reserve Collocation space for their own future use. Except for space needed for switching equipment "turnaround" (e.g., the installation of new switching equipment to replace then-existing switching equipment), other telecommunications equipment and infrastructure, if any, and/or otherwise permitted or directed by applicable rule or order, **SBC-ILEC**

will relinquish any space held for future use before denying a request for Virtual Collocation on grounds of space limitations, unless **SBC-ILEC** proves to the Commission that Virtual Collocation at that point is not technically feasible, including that space does not exist. In any such event, **SBC-ILEC** and CLEC will attempt to reach a mutually agreeable alternative method of interconnection.

5.11 At the request of the Commission or CLEC, **SBC-ILEC** shall remove any obsolete and unused equipment (e.g., retired in-place") from its Premises. **SBC-ILEC** shall be permitted to recover the cost of removal and/or relocation of such equipment if **SBC-ILEC** incurs expenses that would not otherwise have been incurred (at the time of the request or subsequent thereto) except to increase the amount of space available for collocation (e.g., costs to expedite removal of equipment or store equipment for reuse).

5.12 **SBC-ILEC** may impose reasonable restrictions on its provision of additional unused space available for Collocation (so-called “warehousing”) as described in paragraph 586 of the First Report and Order (96-325); provided, however, that **SBC-ILEC** shall not set a maximum space limitation on CLEC unless **SBC-ILEC** proves to the Commission that space constraints make such restrictions necessary

6. DENIAL OF COLLOCATION EQUIPMENT

6.1 All types of network equipment placed in **SBC-ILEC** network equipment areas of Eligible Structures by **SBC-ILEC** or CLECs must meet the **SBC-ILEC** minimum safety standards. The minimum safety standards are:

6.1.1 Equipment compliance to **SBC-ILEC** technical publication TP 76200MP Level 1 requirements, (see Texas Tariff section 5 paragraph 10.1 for Texas specific Tariff requirements for this standard), or

6.1.2 Equipment history of safe operation demonstrated by placement in an ILEC network premise prior to January 1, 1998 with no documented or known history of safety problems.

6.2 **SBC-ILEC** is not required to permit collocation of equipment that is not necessary for either access to UNEs or for interconnection with **SBC-ILEC**, nor such as equipment used exclusively for switching or for enhanced services. Nothing in this Agreement requires **SBC-ILEC** to permit collocation of equipment used solely for switching or solely to provide enhanced services; provided, however, that **SBC-ILEC** may not place any limitations on the ability of CLEC to use all the features, functions, and capabilities of equipment collocated, including, but not limited to, switching and routing features and functions and enhanced services functionalities.

7. DEDICATED COLLOCATION SPACE CHARGES

7.1 Dedicated Collocation Space

7.1.1 For each Eligible Structure in which CLEC desires to physically collocate equipment, CLEC must submit a Physical Collocation Application with the applicable Engineering Design Charge/COBO and/or application fee. A copy of the Physical Collocation Application may be obtained from the **SBC-ILEC** Collocation Services account manager. The Physical Collocation Application must also be used for each subsequent request to place equipment in an Eligible Structure.

7.1.2 The installation interval begins after CLEC has submitted a complete application, with appropriate fees and prepayment of applicable nonrecurring charges and **SBC-ILEC** has completed processing of the application.

7.1.2.1 **SBC-ILEC** shall provide information to CLEC at the "Initial Contact," not incorporated herein but as described in the Interconnector's Collocation Services Handbook or on the applicable website.

7.1.2.2 **SBC-ILEC** and CLEC shall conduct two operational meetings prior to turnover of the dedicated space.

7.2 **SBC-ILEC** will contract for and perform the construction and preparation activities necessary to prepare the dedicated space, Dedicated Space using the same or consistent practices that are used by **SBC-ILEC** for other construction and preparation work performed in the Eligible Structure.

7.2.1 Notwithstanding the above, **SBC-ILEC** will permit CLEC to subcontract the construction of Physical Collocation arrangements with contractors approved by **SBC-ILEC**, provided that **SBC-ILEC** will not unreasonably withhold approval of contractors.

7.2.1.1 Certification by **SBC-ILEC** will be based on the same criteria **SBC-ILEC** uses in certifying contractors for its own purposes.

7.3 Recurring/Non-Recurring charges - CLEC shall pay **SBC-ILEC** a per month charge and non-recurring charges for use of the Dedicated Collocation Space and any Telco provided equipment/facilities therein. These charges are contained in the state specific Appendix Pricing and/or in the applicable tariff. The recurring monthly charges for each Dedicated Collocation Space shall stay fixed for the term of this agreement and may be modified upon re negotiation of the Interconnection Agreement.

7.3.1 An ICB quote is prepared by **SBC-MOKA/NEVADA** to estimate non-recurring and recurring charges associated with the requested collocation space. This ICB quote is prepared specifically for collocation requests and is not associated in any way with the Bona Fide Request (BFR) process used to request UNEs or other unique items not contained in a CLEC Interconnection Agreement.

7.4 CLEC shall pay its proportionate share of any reasonable security arrangements **SBC-ILEC** employs to protect **SBC-ILEC** equipment and ensure network reliability.

7.5 Payment of Preparation Charge - Prior to any obligation on **SBC-ILEC** to start any preparation of the Dedicated collocation space, CLEC shall pay **SBC-ILEC** fifty percent (50%) of the Preparation Charge or COBO charge with the remaining fifty percent (50%) of the Preparation/COBO charge due upon completion of the Dedicated Collocation Space. Any extraordinary expenses, if applicable, must be agreed to by the CLEC prior to actual commencement of the physical construction of the Dedicated Collocation Space.

7.6 Occupancy Conditioned on Payment - **SBC-ILEC** shall not permit CLEC to have access to the dedicated collocation space for any purpose other than inspection during construction of CLEC's dedicated physical collocation space until **SBC-ILEC** is in receipt of complete payment of the Preparation Charge and any Custom Work charges and/or applicable COBO.

7.7 Breach Prior to Commencement Date - In the event that the CLEC materially breaches this Agreement by purporting to terminate this Agreement after **SBC-ILEC** has begun preparation of the dedicated collocation space but before **SBC-ILEC** has been paid the entire amounts due under this Article, then in addition to any other remedies that **SBC-ILEC** might have, the CLEC shall be liable in the amount equal to the non-recoverable costs less estimated net salvage. Non-recoverable costs include the non-recoverable cost of equipment and material ordered, provided or used; the non-recoverable cost of installation and removal, including the costs of equipment and material ordered, provided or used; labor; transportation and any other associated costs.

7.8 Late Payment Charge - In the event that any charge is not paid when due, the unpaid amounts shall bear interest in accordance with the terms and conditions set forth in **SBC-ILEC**'s intrastate tariff late payment provision(s) applicable to access services for the State in which the dedicated collocation space is located, or the highest rate permitted by law, whichever is lower, from the due date until paid.

7.9 Charges will begin to accrue on the Effective Billing Date - The Effective Billing

Date is the date **SBC-ILEC** made the Dedicated Collocation Space available to CLEC.

7.9.1 The charges for a Physical Collocation arrangement in an Eligible Structure where interstate expanded interconnection is required to be provided pursuant to 47 C.F.R. [two section symbols] 64.1401(a), 64.1401(b) shall be as set forth in the applicable Tariff(s). To the extent that any of those charges are subject to appeal, the result of any such appeal shall be retroactively applied to any Physical Collocation arrangement ordered or provided under any such charge. To the extent that rates are not provided in the applicable Tariff(s), rates shall be determined on Individual Case Basis "ICB." Any ICB quote shall be included as part of the quote provided to the CLEC in response to its Physical Collocation application.

7.10 The monthly recurring charge(s) shall begin to apply within, but no later than 30 days from the date that **SBC-ILEC** has turned over the dedicated space to the CLEC, Dedicated Space regardless of any failure by CLECs to complete its work. The fact that **SBC-ILEC** may have additional work to perform after CLEC does complete its work shall not bar the start of such charges.

7.11 The charges for an Adjacent Structure Collocation and for a Physical Collocation arrangement that is provided in Eligible Structures other than Central Offices shall be determined on Individual Case Basis (ICB/NSCR) in the **SBC-ILEC** states.

7.12 Restroom access and parking will be provided on a reasonable basis in the **SBC-ILEC** locations.

7.13 In the event that any CLEC Telecom Equipment that is to be placed in the Premises was not contemplated by that interstate tariff (which was based upon the requirements of 47 C.F.R. § 64.1401), CLEC may be subject to charges under an ICB if **SBC-ILEC**'s costs of providing the necessary Premises requirements (e.g., space, power, environmental, grounding) for any such CLEC Telecom Equipment is not recovered by those tariffed rates. Any ICB quote shall be included as part of the quote provided to the CLEC in response to its Physical Collocation application.

7.14 CLEC and **SBC-ILEC** will complete an acceptance walk-through of the Dedicated Space prior to turning the Dedicated Space over to CLEC. Exceptions that are noted during this acceptance walk-through shall be corrected by **SBC-ILEC** as soon as commercially reasonable after those exceptions are provided in writing, which exceptions shall be provided no more than 5 business days after the walk through. The correction of these exceptions from CLEC's Physical Collocation request shall be at **SBC-ILEC** 's expense.

7.15 **SBC-ILEC** shall ensure that the Dedicated Space and the Eligible Structure comply with all applicable fire and safety codes. The preparation shall be arranged by **SBC-ILEC** in compliance with all applicable codes, ordinances, resolutions, regulations and laws.

8. USE OF DEDICATED COLLOCATION SPACE

8.1 Nature of Use – The dedicated collocation space is to be used by CLEC for purposes of collocating equipment and facilities within **SBC-ILEC**'s Eligible Structure for interconnection with **SBC-ILEC**'s network, pursuant to 47 U.S.C. 251(c)(2), and for obtaining access to **SBC-ILEC**'s unbundled network elements, pursuant to 47 U.S.C. 251 (c)(3). Consistent with the nature of the Eligible Structure and the environment of the dedicated collocation space, CLEC shall not use the dedicated collocation space for office, retail, or sales purposes. No signage or markings of any kind by CLEC shall be permitted on the Eligible Structure or on the grounds surrounding the Building.

8.2 CLEC shall not have access to **SBC-ILEC**'s Main Distribution Frame or Intermediate Distribution Frame, DSXs, DCS, or any other **SBC-ILEC** equipment or facilities not specifically designated by **SBC-ILEC** for CLEC access.

8.3 A list of all of CLEC Telecom Equipment that will be placed within the Dedicated Space shall be set forth on the CLEC's Physical Collocation application, which includes associated power requirements, floor loading, and heat release of each piece of CLEC Telecom Equipment. CLEC warrants and represents that the Physical Collocation application contains a complete and accurate list of such CLEC Telecom Equipment. CLEC shall not place or leave any other equipment or facilities within the Dedicated Space without the express written consent of **SBC-ILEC**.

8.4 In the event that subsequent to the submission of the Physical Collocation application and its list of CLEC Telecom Equipment with the required technical information, CLEC desires to place in the Dedicated Space any telecommunications equipment or such ancillary telecommunications facilities not so set forth in the Physical Collocation application, CLEC shall furnish to **SBC-ILEC** a new Physical Collocation application and any Applicable charges to cover such equipment or facilities. Thereafter, consistent with its obligations under the Act and applicable FCC and Commission rules, orders, and awards, **SBC-ILEC** may provide such written consent or may condition any such consent on additional charges arising from the request, including any applicable fees and any additional requirements such as power and environmental requirements for such requested telecommunications equipment and/or facilities. Upon the execution by both **SBC-ILEC** and CLEC of a final list and description and

receipt by **SBC-ILEC** of payment of any applicable non-recurring charges, the Physical Collocation arrangement shall be deemed to have been amended and such requested telecommunications equipment and/or facilities shall be included within "CLEC Telecom Equipment."

8.5 CLEC may use the Dedicated Space for placement of CLEC telecommunications equipment that is necessary ("used or useful") for interconnection or access to UNE's. CLEC's employees, agents and contractors shall be permitted access to the Dedicated Space at all times, provided that CLEC's employees, agents and contractors comply with **SBC-ILEC**'s policies and practices pertaining to fire, safety and security. CLEC agrees to comply promptly with all laws, ordinances and regulations affecting the use of the Dedicated Space.

8.6 CLEC Telecom Equipment, CLEC operating practices, or other activities or conditions attributable to CLEC that represent a demonstrable threat to **SBC-ILEC**'s network, equipment, or facilities, including the Eligible Structure, or to the network, equipment, or facilities of any person or entity located in the Eligible Structure, are strictly prohibited.

8.7 Operation of any equipment, facilities or any other item placed in the Dedicated Space shall not interfere with or impair service over **SBC-ILEC**'s network, equipment, or facilities, or the network, equipment, or facilities of any other person or entity located in the Eligible Structure; create hazards for or cause damage to those networks, equipment, or facilities, the Dedicated Space, or the Eligible Structure; impair the privacy of any communications carried in, from, or through the network, equipment, facilities the Dedicated Space or the Eligible Structure; or create hazards or cause physical harm to any person, entity, or the public. Any of the foregoing events would be a material breach of this Appendix.

8.8 Subject to the limitations and restrictions of this Appendix, CLEC may place or install in or on the Dedicated Space such fixtures and unpowered facilities as it shall deem desirable for the proper use of the Dedicated Space as described above, in **SBC-ILEC**s. Personal property, fixtures and unpowered facilities placed by CLEC in the Dedicated Space shall not become a part of the Dedicated Space, even if nailed, screwed or otherwise fastened to the Dedicated Space, but shall retain their status as personal property and may be removed by CLEC at any time. Any damage caused to the Dedicated Space by the removal of such property shall be repaired at CLEC's expense.

8.9 In no case shall CLEC or any person or entity purporting to be acting through or on behalf of CLEC make any significant rearrangement, modification, improvement, addition, repair, or other alteration to the Dedicated Space or the Eligible Structure without the advance written permission and direction of **SBC-ILEC**. **SBC-ILEC** shall consider a modification, improvement, addition, repair, or other alteration requested by CLEC, provided that **SBC-ILEC** shall have the

right to reject or modify any such request. **SBC-ILEC** will perform any such construction, and the associated cost shall be paid by CLEC in accordance with **SBC-ILEC**'s then-standard custom work order process or NSCR.

8.10 This Appendix and the Collocation provided hereunder is made available subject to and in accordance with Sections 8.10.1, 8.10.2, 8.10.3, 8.10.4, and 8.10.5. CLEC shall strictly observe and abide by each in **SBC-ILEC**'s.

8.10.1 SBC Local Exchange Carriers TP 76200MP, Network Equipment: Power, Grounding, Environmental, and Physical Design Requirements, and any successor document(s), including as such may be modified at any time and from time to time;

8.10.2 **SBC-ILEC**'s most current Interconnector's Collocation Services Handbook and any successor document(s), as may be modified from time to time as set forth below.

8.10.3 TP 76300MP, SBC Local Exchange Carriers Installation Requirements, and any successor documents should be followed in installing network equipment, and facilities within **SBC-ILEC** central offices and may be modified from time to time.

8.10.4 Any statutory and/or regulatory requirements in effect at the time of the submission of the Physical Collocation application or that subsequently become effective and then when effective.

8.10.5 The Interconnector's Collocation Services Handbook, TP 76300MP and the TP 76200MP Standards are not incorporated herein but are available on the appropriate SBC ILEC's Collocation Internet site.

8.11 If the Interconnector's Collocation Services Handbook, Collocation website(s) or the TP 76300MP, is modified subsequent to the effective date of this agreement from the attached, the following shall apply:

8.11.1 If a modification is made after the date on which CLEC has or orders a Physical Collocation arrangement, **SBC-ILEC** shall provide CLEC with those modifications or with revised versions of such, listing or noting the modifications as appropriate. Any such modification shall become effective and thereafter applicable under this Agreement thirty (30) days after such amendment is released by **SBC-ILEC**, except for those specific amendments to which CLEC objects to within thirty (30) days of receipt, providing therewith an explanation for each such objection. The Parties shall pursue such objections informally with each other and, if not resolved within forty-five (45) days, either Party will have fourteen (14) days to invoke the dispute resolution procedures applicable to this

Agreement. If neither Party invokes those procedures, the modification is deemed effective and applicable.

8.11.2 If a modification is made after this Appendix becomes part of an effective "Statement of Generally Available Terms and Conditions" or similar document for **SBC-ILEC** (and the modification has not been included in a change to that "Statement" or this Appendix), then **SBC-ILEC** will provide CLEC with a copy of such modifications or the most recent version or revision of the particular document promptly after receipt of CLEC's physical collocation application. Any CLEC objection to those modifications must be received by **SBC-ILEC** by the thirtieth (30th) day after their receipt by CLEC. Thereafter, the same process and procedure (including timelines) for resolving any objection made under Section 8.11.1 shall apply.

8.11.3 Notwithstanding Sections 8.11.1 and/or 8.11.2, any modification made to address situations potentially harmful to **SBC-ILEC**'s or another's network, equipment, or facilities, the Eligible Structure, the Dedicated Space, or to comply with statutory or regulatory requirements shall become effective immediately and shall not be subject to objection. **SBC-ILEC** will immediately notify CLEC of any such modification.

8.12 The terms and conditions expressly set forth in this Appendix shall control in the event of an irreconcilable conflict with the Collocation Services Handbook, Collocation website(s) and the TP 76300MP, or the TP76200MP (including any modification to any of them that can be objected to under this Section 8.11, regardless of whether CLEC objected to such modification) in the **SBC-ILEC**s. Notwithstanding the immediately preceding, modifications that are governed by Section 8.11.3 shall apply regardless of any conflict or inconsistency with any other term or condition governing a Physical Collocation arrangement unless contrary to law.

8.12.1 CLEC warrants and represents, for each item of the CLEC Telecom Equipment, that such equipment meets the **SBC-ILEC** minimum safety standards. The minimum safety standards are: (1) Equipment compliance to SBC LEC technical publication TP 76200MP Level One requirements and to corrosion protection requirements contained in Telcordia NEBS document GR-1089-CORE, Criteria [72, 73], except in the State of Texas where equipment compliance to Telcordia NEBS Level 1 requirements are the minimum safety requirements for CLEC equipment, or (2) Equipment history of safe operation demonstrated by placement as network equipment in an ILEC prior to January 1, 1998 with no documented or known history of safety problems. CLEC also warrants and represents that any other telecommunications equipment or ancillary telecommunications facilities that may be placed in the Dedicated Space

as permitted hereunder or otherwise shall be so compliant. **SBC-ILEC** may not object to the collocation of equipment on the grounds that the equipment does not comply with safety or engineering standards that are more stringent than the safety or engineering standards that **SBC-ILEC** applies to its own equipment. **SBC-ILEC** may not deny collocation of Collocator equipment because the equipment fails to meet TP76200MP reliability standards. If **SBC-ILEC** denies collocation of CLEC equipment, citing non-compliance to the minimum safety standards, **SBC-ILEC** must provide to the CLEC within five business days of the denial a list of all network equipment that **SBC-ILEC** has placed within the network area(s) of the premises in question since January 1, 1998, together with an affidavit attesting that all of that equipment meets or exceeds the minimum safety standards. DISCLOSURE OF ANY NON-COMPLIANT EQUIPMENT OR FACILITIES TO **SBC-ILEC** IN A PHYSICAL COLLOCATION APPLICATION OR OTHERWISE SHALL NOT QUALIFY THIS ABSOLUTE CERTIFICATION REQUIREMENT IN ANY MANNER.

8.13 Unless otherwise expressly agreed in writing, **SBC-ILEC** will provide for all AC and DC power requirements in the Eligible Structure. The CLEC is not permitted to, and will not, place any AC or DC power-generating or power-storing devices (including, for example but not limited to rectifiers, battery plants, AC or DC generators) in the Eligible Structure. Power will support CLEC Telecom Equipment at the specified DC and AC voltages. At a minimum, the Power and **SBC-ILEC**'s associated performance, availability, restoration, and other operational characteristics shall be at parity with that provided to **SBC-ILEC**'s substantially similar telecommunications equipment unless otherwise mutually agreed in writing. Loads specified by the CLEC represent the peak current that will be imposed on a power feeder at any voltage within the emergency operating limits of the equipment and any normal operating condition (i.e. not a short circuit or other malfunction). Even though circuit design is based on peak current, DC power plant design sizing by the **SBC-ILEC**'s is based on demand management. All necessary Power will be supplied on a timely basis. A physical collocation space will be considered timely delivered only if it is fully operational, including power, at the time it is turned over to CLEC.

8.14 Other than the security restrictions described herein, **SBC-ILEC** shall place no restriction on access to CLEC's central office Dedicated Space by CLEC's employees and designated agents. Such space shall be available to CLEC designated agents twenty-four (24) hours per day each day of the week. **SBC-ILEC** will not impose unreasonable security restrictions for the Eligible Structure, including the Dedicated Space.

8.15 Fiber Entrances – CLEC shall use a single mode dielectric fiber optic cable as a transmission medium to the dedicated collocation space. CLEC shall be

permitted no more than two (2) entrance routes into the Building, if available.

8.16 Demarcation Point – **SBC-ILEC** shall designate the point(s) of termination within the Eligible Structure as the point(s) of physical demarcation between CLEC's network and **SBC-ILEC**'s network, with each being responsible for maintenance and other ownership obligations and responsibilities on its side of that demarcation point.

9. OPERATIONAL RESPONSIBILITIES

9.1 CLEC and **SBC-ILEC** are each responsible for providing to the other contact numbers for technical personnel who are readily accessible twenty-four (24) hours a day, seven (7) days a week.

9.2 CLEC and **SBC-ILEC** are each responsible for providing trouble report status or any network trouble of problems when requested by the other.

9.3 **SBC-ILEC** shall provide an interconnection point or points, physically accessible by both **SBC-ILEC** and CLEC (typically a **SBC-ILEC** manhole) at which a CLEC fiber optic cable can enter the Eligible Structure, provided that **SBC-ILEC** will designate interconnection points as close as reasonably possible to the Eligible Structure. **SBC-ILEC** will provide at least two such interconnection points at each Eligible Structure where there are at least two entry points for **SBC-ILEC**'s cable facilities and at which space is available for new facilities in at least two of those entry points.

9.3.1 CLEC is responsible for bringing its fiber optic cable to an accessible point outside of the Eligible Structure designated by **SBC-ILEC**, and for leaving sufficient cable length in order for **SBC-ILEC** to fully extend such CLEC-provided cable to the Dedicated Space in **SBC-8STATE** or cable vault in **SBC-AMERITECH**.

9.4 Regeneration of either DS-1 or DS-3 signal levels may be provided by CLEC or **SBC-ILEC** under its then-standard custom work order process or NSCR, including payment requirements prior to the installation of the regeneration equipment.

9.5 If CLEC fails to remove its equipment and facilities from the Dedicated Space within thirty (30) days after discontinuance of use, **SBC-ILEC** may perform the removal and shall charge CLEC for any materials used in any such removal, and the time spent on such removal at the then-applicable hourly rate for custom work. Further, in addition to the other provisions herein, CLEC shall indemnify and hold **SBC-ILEC** harmless from any and all claims, expenses, fees, or other costs associated with any such removal by **SBC-ILEC**.

9.6 CLEC is solely responsible for the design, engineering, testing, performance, and maintenance of the CLEC Telecom Equipment used by CLEC in the Dedicated Space. CLEC may not disassemble, remove or otherwise reconfigure the cage enclosure (Dedicated Space) at any time unless it has been provided by the CLEC. CLEC is also responsible for servicing, supplying, repairing, installing and maintaining the following facilities within the Dedicated Space in the **SBC-ILEC**s:

9.6.1 Its fiber optic cable(s);

9.6.2 Its CLEC Telecom Equipment;

9.6.3 Optional point of termination cross connects in its dedicated collocation space or the optional POT Frame/cabinet located in the collocation common area.

9.6.4 CLEC requested dedicated point of termination frame maintenance, including replacement of fuses and circuit breaker restoration, to the extent that such fuses and circuit breakers are within CLEC's dedicated collocation space or in the optional POT frame located in the collocation common area if and as required; and

9.6.5 The connection cable and associated equipment which may be required within CLEC's dedicated collocation space or in the optional POT frame/cabinet located in the collocation common area to the point(s) of termination of that cable within CLEC's dedicated space.

9.6.6 Any power cables required beyond the **SBC-ILEC**'s provided Collocation Interconnection Power Panel (CIPP) to CLEC's equipment. **SBC-ILEC** must always engineer, furnish and install the Collocation Interconnect Power Panel (CIPP) within CLEC-provided equipment bay, the associated power cables to the CIPP from the **SBC-ILEC** provided power distribution source and terminate and test the power cables. The CIPP will be placed within CLEC-provided equipment bay in a location within the bay as designated by CLEC.

SBC-ILEC NEITHER ACCEPTS NOR ASSUMES ANY RESPONSIBILITY WHATSOEVER IN ANY OF THESE AREAS.

9.7 **SBC-ILEC** will allow CLEC to select its own contractors for all required engineering and installation services associated with the CLEC Telecom Equipment (*e.g.*, **SBC-ILEC** shall not require CLEC to use **SBC-ILEC**'s internal engineering or installation work forces for the engineering and installation of the CLEC Telecom Equipment). Installation of the CLEC Telecom Equipment in the Dedicated Space must nevertheless comply with TP76300MP. CLEC-selected contractors must be certified by **SBC-ILEC** as required by state specific

agreements and must agree to all policies and procedures in this appendix. Access to the Eligible Structure and the Dedicated Space for CLEC contractors must meet the same requirements as the CLEC.

9.8 In **SBC-ILEC**, each Party is responsible for immediate verbal notification to the other of significant outages or operations problems which could impact or degrade that other's network, equipment, facilities, or services, and for providing an estimated clearing time for restoration. In addition, written notification must be provided within twenty-four (24) hours.

9.9 CLEC is responsible for coordinating with **SBC-ILEC** to ensure that services are installed in accordance with a service request.

9.10 CLEC is responsible for testing, isolating and clearing trouble when the trouble has been isolated to inside the Dedicated Space, or to any piece of CLEC Telecom Equipment, or any other CLEC-provided facility or piece of equipment. If **SBC-ILEC** testing is also required, it will be provided at applicable charges.

10. VIRTUAL COLLOCATION

10.1 Upon request, **SBC-ILEC** shall provide CLEC Virtual Collocation in any Unused Space. If CLEC wishes to Virtually Collocate a bay other than a Standard Bay, it must request such Virtual Collocation via an ICB/NSCR. CLEC shall not have physical access to its Virtually Collocated equipment but may, at its expense, electronically monitor and control its Virtually Collocated equipment. **SBC-ILEC** shall, subject to CLEC's payment of the applicable rates, fees and charges, be responsible for installing, maintaining and repairing CLEC's equipment. CLEC cannot convert its Virtually Collocated equipment "in-place" to a method of Physical Collocation available herein (e.g., no "in-place" conversion of Virtual Collocation to Cageless Physical Collocation). In addition to the rates set forth in the Pricing appendix and applicable tariffs, if **SBC-ILEC** must locate CLEC's Virtual Collocation bays in its switch line-up, CLEC shall also be responsible for any extraordinary costs necessary to condition such space.

10.2 **SBC-ILEC** shall deliver to CLEC the requested space on or before the later of (i) 110 Calendar Days from **SBC-ILEC**'s receipt of CLEC's Collocation Order for Virtual Collocation and (ii) such other reasonable date that Parties may agree upon if it is not feasible for **SBC-ILEC** to deliver to CLEC such space within 110 Calendar Days and **SBC-ILEC** notified CLEC of this fact within ten (10) Business Days after the initial walk-through.

10.3 **SBC-ILEC** shall coordinate, on a case by case basis, the installation of the Virtual Collocation equipment with the CLEC based on availability and equipment delivery intervals.

10.4 **SBC-ILEC** shall install applicable Cross-Connects as directed by CLEC, at the rates provided in the Pricing appendix or applicable tariffs.

10.5 **SBC-ILEC** shall allow periodic inspections of the Virtual Collocation space where CLEC equipment is located, during construction.

10.6 **SBC-ILEC** shall ensure that all applicable alarm systems (e.g., power) that support CLEC equipment are operational and the supporting databases are accurate so that equipment that is in alarm will be properly identified.

11. CASUALTY LOSS

11.1 If the Eligible Structure or the Dedicated Space are damaged by fire or other casualty, and:

11.1.1 The Dedicated Spaces are not rendered untenantable in whole or in part, **SBC-ILEC** shall repair the same at its expense (as herein limited) and the recurring charges shall not be abated, or

11.1.2 The Dedicated Spaces are rendered untenantable in whole or in part and such damage or destruction can be repaired within ninety (90) days, **SBC-ILEC** has the option to repair the Dedicated Space at its expense (as herein limited) and the recurring charges shall be proportionately abated to the extent and while CLEC was deprived of the use. If the Dedicated Space cannot be repaired within ninety (90) days, or **SBC-ILEC** opts not to rebuild, then the Physical Collocation arrangement provided in the Dedicated Space shall (upon notice to CLEC within thirty (30) days following such occurrence) terminate as of the date of such damage. **SBC-ILEC** shall endeavor to relocate CLEC equipment in alternative location, or assist CLEC in developing alternative to physical location.

11.2 Any obligation on the part of **SBC-ILEC** to repair the Dedicated Space shall be limited to repairing, restoring and rebuilding the Dedicated Space as originally prepared for CLEC and shall not include any obligation to repair, restore, rebuild or replace any alterations or improvements made by CLEC or by **SBC-ILEC** on request of CLEC; any CLEC Telecom Equipment; or other facilities or equipment located in the Dedicated Space by CLEC or by **SBC-ILEC** on request of CLEC.

11.3 In the event that the Eligible Structure shall be so damaged by fire or other casualty that closing, demolition or substantial alteration or reconstruction thereof shall be necessary then, notwithstanding that the Dedicated Space e may be unaffected thereby, **SBC-ILEC**, at its option, may terminate any Physical Collocation arrangement in that Eligible Structure by giving CLEC ten (10) days prior written notice within thirty (30) days following the date of such occurrence, if at all possible.

12. RE-ENTRY

12.1 Unless otherwise set forth herein, if CLEC shall default in performance of any term or condition herein, and the default shall continue for thirty (30) days after receipt of written notice, or if CLEC is declared bankrupt or insolvent or makes an assignment for the benefit of creditors, **SBC-ILEC** may, immediately or at any time thereafter, without notice or demand, enter and repossess the Dedicated Space, expel CLEC and any claiming under CLEC, remove any CLEC Telecom Equipment and any other items in the Dedicated Space, forcibly if necessary, and thereupon such Physical Collocation arrangement shall terminate, without prejudice to any other remedies **SBC-ILEC** might have. **SBC-ILEC** may exercise this authority on a Dedicated Space-by-Dedicated Space basis. **SBC-ILEC** may also refuse additional applications for collocation and/or refuse to complete any pending orders for additional space or collocation by CLEC at any time thereafter.

13. LIMITATION OF LIABILITY

13.1 Limitation – With respect to any claim or suit for damages arising in connection with the mistakes, omissions, interruptions, delays or errors, or defects in transmission occurring in the course of furnishing service hereunder, the liability of **SBC-ILEC**, if any, shall not exceed an amount equivalent to the proportionate monthly charge to CLEC for the period during which such mistake, omission, interruption, delay, error, or defect in transmission or service occurs and continues. However, any such mistakes, omissions, interruptions, delays, errors, or defects in transmission or service which are caused or contributed to by the negligence or willful act of CLEC or which arise in connection with the use of CLEC-provided facilities or equipment shall not result in the imposition of any liability whatsoever upon **SBC-ILEC**.

13.1.1 Neither party shall be responsible to the other for any indirect, special, consequential, lost profit, or punitive damages, whether in contract or tort.

13.1.2 Each party shall be indemnified and held harmless by the other against claims and damages by any third party arising from provision of the other party's services or equipment except those claims and damages directly associated with the provision of services to the other party which are governed by the provisioning party’s applicable tariffs.

13.1.3 Neither party shall have any liability whatsoever to the customers of the other party for claims arising from the provision of the other party's service to its customers, including claims for interruption of service, quality of service or billing disputes.

13.1.4 The liability of either party for its willful misconduct, if any, is not limited by this Agreement. With respect to any other claim or suit, by a customer or by any others, for damages associated with the installation, provision, preemption, termination, maintenance, repair or restoration of service, **SBC-ILEC**'s liability, if any, shall not exceed an amount equal to the proportionate monthly charge for the affected period.

13.1.5 **SBC-ILEC** shall not be liable for any act or omission of any other carrier or customer providing a portion of a service, nor shall **SBC-ILEC** for its own act or omission hold liable any other carrier or customer providing a portion of a service.

13.1.6 When CLEC is provided service under this Agreement, **SBC-ILEC** shall be indemnified, defended and held harmless by CLEC against any claim, loss or damage arising from the customer's use of services offered under this Agreement, involving:

13.1.6.1 Claims for libel, slander, invasion of privacy, or infringement of copyright arising from the customer's own communications;

13.1.6.2 Claims for patent infringement arising from the customer's acts combining or using the service furnished by **SBC-ILEC** in connection with facilities or equipment furnished by the customer; or

13.1.6.3 All other claims arising in connection with any act or omission of in the course of using services provided pursuant to this Agreement.

13.2 Third Parties – CLEC acknowledges and understands that **SBC-ILEC** may provide space in or access to the Eligible Structure to other persons or entities ("Others"), which may include competitors of CLEC; that such space may be close to the dedicated collocation space, possibly including space adjacent to the dedicated collocation space and/or with access to the outside of the dedicated collocation space; and that if CLEC requests a cage around its equipment, the cage dedicated collocation space is a permeable boundary that will not prevent the Others from observing or even damaging CLEC's equipment and facilities. In addition to any other applicable limitation, **SBC-ILEC** shall have absolutely no liability with respect to any action or omission by any other, regardless of the degree of culpability of any such other or **SBC-ILEC**, and regardless of whether any claimed **SBC-ILEC** liability arises in tort or in contract. CLEC shall save and hold **SBC-ILEC** harmless from any and all costs, expenses, and claims associated with any such acts or omission by any Other acting for, through, or as a result of CLEC.

14. INDEMNIFICATION OF SBC-ILEC

14.1 In addition to any other provision hereof, CLEC agrees to indemnify, defend and save harmless **SBC-ILEC** (including its officers, directors, employees, and other agents) from any and all claims, liabilities, losses, damages, fines, penalties, costs, attorney's fees or other expenses of any kind, arising in connection with CLEC's use of the dedicated collocation space, conduct of its business or any activity, in or about the dedicated collocation space, performance of any terms of this Agreement, or any act or omission of CLEC (including its officers, directors, employees, agents, contractors, servants, invitees, or licensees). Defense of any claim shall be reasonably satisfactory to **SBC-ILEC**.

15. OSHA STATEMENT

15.1 CLEC, in recognition of **SBC-ILEC**'s status as an employer, agrees to abide by and to undertake the duty of compliance on behalf of **SBC-ILEC** with all federal, state and local laws, safety and health regulations relating to the dedicated collocation space which CLEC has assumed the duty to maintain pursuant to this Agreement, and to indemnify and hold **SBC-ILEC** harmless for any judgments, citations, fines, or other penalties which are assessed against **SBC-ILEC** as the result of CLEC's failure to comply with any of the foregoing. **SBC-ILEC**, in its status as an employer, shall comply with all federal, state and local laws, safety and health standards and regulations with respect to the structural and those other portions of the dedicated collocation space which **SBC-ILEC** has agreed to maintain pursuant hereto.

16. NOTICES

16.1 Except in emergency situations, **SBC-ILEC** shall provide CLEC with written notice five (5) business days prior to those instances where **SBC-ILEC** or its subcontractors may be undertaking a major construction project in the general area of the Dedicated Space or in the general area of the AC and DC power plants which support the Dedicated Space.

16.2 **SBC-ILEC** will inform CLEC by telephone of any emergency-related activity that **SBC-ILEC** or its subcontractors may be performing in the general area of the Dedicated Space occupied by CLEC or in the general area of the AC and DC power plants which support the Dedicated Space. Notification of any emergency related activity should be made to CLEC as soon as reasonably possible so that CLEC can take any action required to monitor or protect its service.

16.3 **SBC-ILEC** will provide CLEC with written notification within ten (10) business days of any scheduled AC or DC power work or related activity in the Eligible Structure that will cause an outage or any type of power disruption to CLEC Telecom Equipment. **SBC-ILEC** shall provide CLEC immediate notification by

telephone of any emergency power activity that would impact CLEC Telecom Equipment.

16.4 Except as may be specifically permitted in this Agreement, any notice or demand, given by one party to the other shall be in writing and shall be valid and sufficient if dispatched by registered or certified mail, return receipt requested, postage prepaid, in the United States mails, or by facsimile transmission; provided, however, that notices sent by such registered or certified mail shall be effective on the third business day after mailing and those sent by facsimile transmission shall only be effective on the date transmitted if such notice is also sent by such registered or certified mail no later than the next business day after transmission, all addressed as follows:

If to **SBC-ILEC**:
Account Manager - Collocation
Four Bell Plaza, 9th Floor
311 S. Akard St.
Dallas, TX 75202-5398

If to CLEC:
Susan McAdams
Vice-President Government & Industry Affairs
3000 Columbia House Blvd., Suite 106
Vancouver, WA 98661

Either party hereto may change its address by written notice given to the other party hereto in the manner set forth above.

16.5 Except as may be specifically permitted in this Agreement, any payment desired or required to be given by one party to the other shall be dispatched by registered or certified mail, return receipt requested, postage prepaid, in the United States mails, and shall be addressed as follows:

If to other than **SBC-AMERITECH**
ICSC
Attn: Kathy Smith
2180 N. Glenville Dr., 2nd Floor
Richardson, TX 75082

If to **SBC-AMERITECH**
AIIS Service Center
Attn: Collocation
2nd Floor
804 North Milwaukee
Milwaukee, WS 53202

If to CLEC: Susan McAdams
Vice-President Government & Industry Affairs
3000 Columbia House Blvd., Suite 106
Vancouver, WA 98661

17. INSURANCE

17.1 CLEC shall, at its sole cost and expense procure, maintain, pay for and keep in force the following insurance coverage and any additional insurance and/or bonds required by law and underwritten by insurance companies having a BEST Insurance rating of A+VII or better, and which is authorized to do business in the State of **SBC-ILEC**. **SBC-ILEC** shall be named as an ADDITIONAL INSURED on general liability policy.

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED OR MATERIALLY CHANGED, THE ISSUING COMPANY WILL MAIL 30 DAYS WRITTEN NOTICE TO THE CERTIFICATE HOLDER (S)

17.1.1 Comprehensive General Liability insurance including Products/Completed Operations Liability insurance including the Broad Form Comprehensive General Liability endorsement (or its equivalent(s)) with a Combined Single limit for Bodily Injury and Property Damage of $1 million. Said coverage shall include the contractual, independent contractors products/completed operations, broad form property, personal injury and fire legal liability.

17.1.2 If use of an automobile is required or if CLEC is provided or otherwise allowed parking space by **SBC-ILEC** in connection with Physical Collocation provided under this Appendix, automobile liability insurance with minimum limits of $1 million each accident for Bodily Injury, Death and Property Damage combine. Coverage shall extend to all owned, hired and non-owned automobiles. CLEC hereby waives any rights of recovery against **SBC-ILEC** for damage to CLEC's vehicles while on the grounds of the Eligible Structure and CLEC will hold **SBC-ILEC** harmless and indemnify it with respect to any such damage or damage to vehicles of CLEC's employees, contractors, invitees, licensees or agents.

17.1.3 Workers' Compensation insurance with benefits afforded in accordance with the laws of the state of **SBC-ILEC**.

17.1.4 Employer's Liability insurance with minimum limits of $100,000 for bodily injury by accident, $100,000 for bodily injury by disease per employee and $500,000 for bodily injury by disease policy aggregate.

17.1.5 Umbrella/Excess liability coverage in an amount of $5 million excess of coverage specified above.

17.1.6 All Risk Property coverage on a full replacement cost basis insuring all of CLEC's personal property situated on or within the Eligible Structure or the Dedicated Space. CLEC releases **SBC-ILEC** from and waives any and all right of recovery, claim, action or cause of action against **SBC-ILEC**, its agents, directors, officers, employees, independent contractors, and other representatives for any loss or damage that may occur to equipment or any other personal property belonging to CLEC or located on or in the space at the instance of CLEC by reason of fire or water or the elements or any other risks would customarily be included in a standard all risk casualty insurance policy covering such property, regardless of cause or origin, including negligence of **SBC-ILEC**, its agents, directors, officers, employees, independent contractors, and other representatives. Property insurance on CLEC's fixtures and other personal property shall contain a waiver of subrogation against **SBC-ILEC**, and any rights of CLEC against **SBC-ILEC** for damage to CLEC's fixtures or personal property are hereby waived. CLEC may also elect to purchase business interruption and contingent business interruption insurance, knowing that **SBC-ILEC** has no liability for loss of profit or revenues should an interruption of service occur that is attributable to any Physical Collocation arrangement provided under this Appendix.

17.2 The limits set forth in this Section may be increased by **SBC-ILEC** from time to time during the term of a Collocation arrangement to at least such minimum limits as shall then be customary in respect of comparable situations within the existing **SBC-ILEC** structure.

17.3 All policies purchased by CLEC shall be deemed to be primary and not contributing to or in excess of any similar coverage purchased by **SBC-ILEC**.

17.4 All insurance must be in effect on or before occupancy date and shall remain in force as long as any of CLEC's Telecom Equipment or other CLEC facilities or equipment remain within the Dedicated Space or the Eligible Structure.

17.5 CLEC shall submit certificates of insurance and policy binders reflecting the coverages specified above prior to, and as a condition of, **SBC-ILEC**'s obligation to turn over the Dedicated Space to CLEC or to permit any CLEC-designated subcontractors into the Eligible Structure pursuant to Sections 3.7 and 3.7.3. CLEC shall arrange for **SBC-ILEC** to receive thirty-(30) day's advance written notice from CLEC's insurance company(ies) of cancellation, non-renewal or substantial alteration of its terms.

17.6 CLEC must also conform to recommendations made by **SBC-ILEC**'s Property Insurance Company, if any, unless a recommendation is also applicable to **SBC-ILEC** and **SBC-ILEC** does not so conform in the Eligible Structure where the Dedicated Space is located.

17.7 Failure to comply with the provisions of this "Insurance" Section will be deemed a material breach of this Appendix.

18. PROTECTON OF SERVICE AND PROPERTY

18.1 **SBC-ILEC** shall use its existing power back-up and power recovery plan in accordance with its standard policies for the specific Central Office.

18.2 For the purpose of notice permitted or required by this Appendix, each Party shall provide the other Party a Single Point of Contact (SPOC) available twenty-four (24) hours a day, seven (7) days a week.

18.3 Except as may otherwise be provided:

18.3.1 **SBC-ILEC** and CLEC shall each exercise reasonable care to prevent harm or damage to the other Party, its employees, agents or customers, or their property; and

18.3.2 Each Party, its employees, agents, or representatives agree to take reasonable and prudent steps to ensure the adequate protection of property and services of the other Party.

18.3.3 Each Party shall restrict access to the Eligible Structure and the Dedicated Space to employees and authorized agents of that other Party to the extent necessary to perform their specific job function.

18.4 **SBC-ILEC** shall use electronic access controls to protect all spaces which house or contain CLEC equipment or equipment enclosures, but if electronic controls are not available, **SBC-ILEC** shall either furnish security guards at those **SBC-ILEC** locations already protected by security guards on a seven (7) day per week, twenty-four (24) hour a day basis; and if none, **SBC-ILEC** shall permit CLEC to install monitoring equipment in the collocation space to carry data back to CLEC's work center for analysis. CLEC agrees that CLEC is responsible for problems or alarms related to CLEC's equipment or equipment enclosures located on **SBC-ILEC**'s Dedicated Space.

18.5 **SBC-ILEC** shall furnish CLEC with the identifying credentials to be carried by its employees and authorized agents to be paid for by the CLEC. The CLEC must maintain an updated list of all authorized employees and authorized agents on a Dedicated Space-by-Dedicated Space basis for every Eligible Structure where there are **SBC-ILEC** security guards.

18.6 CLEC shall comply with the security and safety procedures and requirements of **SBC-ILEC**, including but not limited to sign-in, and identification.

18.7 **SBC-ILEC** shall furnish CLEC with all keys, entry codes, lock combinations, or other materials or information that may be needed to gain entry into any secured CLEC space in central offices. In the event of an emergency, CLEC shall contact a SPOC provided by **SBC-ILEC** for access to spaces which house or contain CLEC equipment or equipment enclosures.

18.8 **SBC-ILEC** shall use reasonable measures to control unauthorized access from passenger and freight elevators to spaces which contain or house CLEC equipment or equipment enclosures.

18.9 **SBC-ILEC** shall use best efforts to provide notification within two (2) hours to designated CLEC personnel to indicate an actual security breach.

18.10 **SBC-ILEC** shall be responsible for the security of the Eligible Structure. If a security issue arises or if CLEC believes that **SBC-ILEC**'s security measures are unreasonably lax, CLEC shall notify **SBC-ILEC** and the Parties shall work together to address the problem. **SBC-ILEC** shall, at a minimum, do the following:

18.10.1 Where a cage is used, **SBC-ILEC** shall design collocation cages to prevent unauthorized access; provided, however, that CLEC realizes and assents to the fact that the cage will be made of wire mesh.

18.10.2 **SBC-ILEC** shall establish procedures for controlling access to the collocation areas by employees, security guards and others. Those procedures shall limit access to the collocation areas to **SBC-ILEC**'s employees, agents or invitees having a business need, such as a periodic review of the Dedicated Space, to be in these areas. **SBC-ILEC** shall require all persons entering the collocation areas to wear identification badges.

18.10.3 **SBC-ILEC** shall provide card key access to all collocation equipment areas where a secured pathway to the collocation space is made available to Collocators, along with a positive key control system for each Collocator's caged Dedicated Space. **SBC-ILEC** shall respond immediately to reported problems with CLEC key cards.

18.10.4 In emergency situations common courtesy will be extended between CLEC and **SBC-ILEC**'s employees, including the provision of first aid and first aid supplies.

18.11 CLEC shall limit access to CLEC employees directly to and from the Dedicated

Space and will not enter unauthorized areas under any circumstances.

19. MISCELLANEOUS

19.1 Variations – In the event of variation or discrepancy between any duplicate originals hereof, including exhibits, the original Agreement held by **SBC-ILEC** shall control.

19.2 Governing Law – This Agreement shall be governed by the laws of the State in which the dedicated collocation space is located, without regard to the choice of law principles thereof.

19.3 Joint and Several – If CLEC constitutes more than one person, partnership, corporation, or other legal entities, the obligation of all such entities under this Agreement is joint and several.

19.4 Future Negotiations – **SBC-ILEC** may refuse requests for space in an Eligible structure if CLEC is in material breach of this Agreement, including having any past due charges hereunder. In any and each such event, CLEC hereby releases and holds **SBC-ILEC** harmless from any duty to negotiate with CLEC or any of its affiliates for any additional space or physical collocation.

19.5 Severability – With the exception of the requirements, obligations, and rights set forth in this Appendix, if any of the provisions herein are otherwise deemed invalid, such invalidity shall not invalidate the entire Agreement, but rather the entire Agreement shall be construed as if not containing the particular invalid provision(s), and the rights and obligations of **SBC-ILEC** and CLEC shall be construed accordingly.

19.6 Paragraph Headings and Article Numbers – The headings of the articles and paragraphs herein are inserted for convenience only and are not intended to affect the meaning or interpretation of this Agreement.

19.7 Entire Agreement – This Agreement along with any schedules, exhibits, referenced documentation and materials set forth the entire understanding of the parties and supersedes all prior agreements, arrangements and understandings relating to this subject matter and may not be changed except in writing by the parties; provided, however, that this provision shall not affect current or pending tariffs, under investigation or otherwise, including any charges due thereunder. No representation, promise, inducement or statement of intention has been made by either party which is not embodied herein, and there are no other oral or written understandings or agreements between the parties relating to the subject matter hereof except as may be referenced herein.

19.8 No Third Party Beneficiaries – Nothing in this Agreement is intended, nor shall

be deemed, to confer any rights or remedies upon any person or legal entity not a party hereto.

19.9 Construction – This Agreement shall be interpreted and governed without regard to which party drafted this Agreement.

19.10 Multiple Originals – This Agreement may be executed in multiple copies, each of which shall be deemed an original.

19.11 Waver of Obligations

19.11.1 Whenever this Agreement requires the consent of a party, any request for such consent shall be in writing.

19.11.2 Neither party shall be deemed to have waived or impaired any right, authority, or option reserved by this Agreement (including the right to demand exact compliance with every term, condition and covenant herein, or to declare any breach hereof to be a default and to terminate this Agreement prior to the expiration of its term), by virtue of any custom or practice of the parties at variance with the terms hereof or any failure, refusal or neglect to exercise any right under this Agreement or to insist upon exact compliance by the other with its obligations hereunder, including any rule or procedure, or any waiver, forbearance, delay, failure or omission by **SBC-ILEC** to exercise any right, power or option, whether of the same, similar or different nature, with respect to one or more other Collocators.

19.12 Rights of Review with Remedies – The parties acknowledge and agree that the rates, terms, and conditions set forth in this Amendment, including among others those above relating to cageless collocation, are subject to any legal or equitable rights of review and remedies (including, but not limited to, the need to renegotiate this Amendment if any agency reconsideration and/or court review results in changes in FCC 99-48).

19.13 Rights Cumulative – The rights of a party hereunder are cumulative and no exercise or enforcement by such party of any right or remedy hereunder shall preclude the exercise or enforcement of any other right or remedy hereunder or to which such party is entitled to enforce.

19.14 Binding Effect – This Agreement is binding upon the parties hereto, their respective executors, administrators, heirs, assigns and successors in interest. All obligations by either party which expressly or by their nature survive the expiration or termination of this Agreement shall continue in full force and effect subsequent to and notwithstanding its expiration or termination and until they are satisfied in full or by their nature.

19.15 Impossibility of Performance – Neither party shall be liable for loss or damage or deemed to be in breach of this Agreement if its failure to perform its obligations results from: (a) compliance with any law, ruling, order, regulation, requirement or instruction of any federal, state or municipal government or any department or agency thereof or court of competent jurisdiction; (b) acts of God; (c) acts of omissions of the other party; (d) fires, strikes, labor difficulties, embargoes, war, insurrection or riot; or any other intervening act beyond the reasonable control of the party claiming such a delay. Any delay resulting from any of said causes shall extend performance accordingly or excuse performance, in whole or in part, as may be reasonable. In any such event, CLEC's authorized agents and contractors will comply with the Emergency Operating Procedures established by **SBC-ILEC**.

19.16 Survival – The terms, provisions, representations, and warranties contained in this Agreement that by their nature and/or context are intended to survive the performance thereof by either or both parties hereunder shall so survive the completion of performances and termination of this Agreement, including the making of any and all payments due hereunder.

19.17 Successors Bound – The conditions and agreements contained herein shall bind and inure to the benefit of **SBC-ILEC**, CLEC and their respective successors and, except as otherwise provided herein, assigns.

19.18 Conflict of Interest – CLEC represents that no employee or agent of **SBC-ILEC** has been or will be employed, retained, paid a fee, or otherwise has received or will receive any personal compensation or consideration from CLEC, or any of CLEC's employees or agents in connection with the arranging or negotiation of this Agreement or associated documents.

19.19 Non-Exclusive Remedies – No remedy herein conferred upon is intended to be exclusive of any other remedy in equity, provided by law, or otherwise, but each shall be in addition to every other such remedy.

19.20 Assignment – CLEC shall not assign or otherwise transfer this Agreement, neither in whole nor in part, or permit the use of any part of the dedicated collocation space by any other person or entity, without the prior written consent of **SBC-ILEC** which shall not be unreasonable withheld. Any purported assignment or transfer made without such consent shall be voidable at the option of **SBC-ILEC** including subleased or shared caged physical collocation arrangements.

20. APPLICABILITY OF OTHER RATES, TERMS AND CONDITIONS

20.1 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.

APPENDIX DSL

TABLE OF CONTENTS

1. INTRODUCTION 3

2. DEFINITIONS 3

3. GENERAL TERMS AND CONDITIONS RELATING TO UNBUNDLED XDSL-CAPABLE LOOPS 4

4. UNBUNDLED XDSL-CAPABLE LOOP OFFERINGS 7

5. OPERATIONAL SUPPORT SYSTEMS: LOOP MAKE-UP INFORMATION AND ORDERING 11

6. PROVISIONING 12

7. ACCEPTANCE TESTING 14

8. SERVICE QUALITY AND MAINTENANCE 17

9. SPECTRUM MANAGEMENT 18

10. RESERVATION OF RIGHTS 19

11. LINE SHARING 20

12. APPLICABILITY OF OTHER RATES, TERMS AND CONDITIONS 20

APPENDIX DSL

1.0 INTRODUCTION

1.1 **SBC-ILEC** agrees to provide CLEC with access to UNEs (including the unbundled xDSL Capable Loop 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.

1.2 Nothing in this Attachment shall constitute a waiver by either Party of any positions it may have taken or will take in any pending regulatory or judicial proceeding or any subsequent interconnection agreement negotiations. This Attachment also shall not constitute a concession or admission by either Party and shall not foreclose either Party from taking any position in the future in any forum addressing any of the matters set forth herein.

2.0 DEFINITIONS

2.1 For purposes of this Attachment, 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 Attachment, a "subloop" is defined as any portion of the loop from **SBC-ILEC**'s F1/F2 interface to the demarcation point at the customer premise that can be accessed at a terminal in **SBC-ILEC**'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 case 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 UNE Remand Order. Additional subloop types may be negotiated and agreed to by the Parties consistent with 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). A "DSL-capable loop" is a loop that supports the transmission of DSL technologies

2.4 A "DSL-Capable Loop" is a loop that supports the transmission of DSL technologies.

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 any carrier in any state without significantly degrading the performance of other services, or has been approved by the Federal Communications Commission ("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 Attachment. Deployment of non-standard xDSL-based technologies are allowed and encouraged by this Agreement.

3.0 GENERAL TERMS AND CONDITIONS RELATING TO UNBUNDLED XDSL-CAPABLE LOOPS

3.1 **SBC-ILEC** is not in any way permitted to limit xDSL capable loops in favor of provisioning ADSL.

3.2 **SBC-ILEC** will not impose limitations on the transmission speeds of xDSL services. **SBC-ILEC** will not restrict the CLECs services or technologies to a level at or below those provided by **SBC-ILEC**.

3.3 **SBC-ILEC** will provide a loop capable of supporting a technology presumed acceptable for deployment or non-standard xDSL technology as defined in this Attachment.

3.4 **SBC-ILEC** shall not deny a CLEC's request to deploy any loop technology that is presumed acceptable for deployment, or one that is addressed in Section 4.5 of this Attachment, unless it has demonstrated to the Commission that CLEC's deployment of the specific loop technology will significantly degrade the performance of other advanced services or traditional voice band services in accordance with FCC orders. **SBC-ILEC** will provide CLEC with notice prior to seeking relief from the Commission under this Section.

3.5 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-ILEC** and the Commission before or at the time of their request to deploy that technology in Texas. 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. The terms of this paragraph do not apply during the Trial Period referenced in Section 4.5 below.

3.6 Parties to this Attachment agree that unresolved disputes arising under this Attachment will be handled under the Dispute Resolution procedures set forth in this Agreement.

3.7 Liability

3.7.1 Each Party, whether a CLEC or **SBC-ILEC**, agrees that should it cause any non-standard xDSL technologies to be deployed or used in connection with or on **SBC-ILEC** facilities, that 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.

3.7.2 For any technology, CLEC's use of any **SBC-ILEC** network element, or of its own equipment or facilities in conjunction with any **SBC-ILEC** network element, will not materially interfere with or impair service over any facilities of **SBC-ILEC**, its affiliated companies or connecting and concurring carriers involved in **SBC-ILEC** services, cause damage to **SBC-ILEC**'s plant, impair the privacy of any communications carried over **SBC-ILEC**'s facilities or create hazards to employees or the public. Upon reasonable written notice and after a reasonable opportunity to cure, **SBC-ILEC** 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. **SBC-ILEC** 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-ILEC** 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 Agreement. Any claims of network harm by **SBC-ILEC** must be supported with specific and verifiable supporting information.

3.8 Indemnification

3.8.1 Covered Claim: Indemnifying Party will indemnify, defend and hold harmless Indemnitee from any claim for damages, including

but not limited to direct, indirect or consequential damages, made against Indemnitee by any telecommunications service provider or telecommunications user (other than claims for damages or other losses made by an end-user of Indemnitee for which Indemnitee has sole responsibility and liability), arising from, the use of such non-standard xDSL technologies by the Indemnifying Party.

3.8.2 Indemnifying Party is permitted to fully control the defense or settlement of any Covered Claim, including the selection of defense counsel. Notwithstanding the foregoing, Indemnifying Party will consult with Indemnitee 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 damages resulting from the use of any non-standard xDSL technologies in connection with or on Indemnitee's facilities and Indemnitee will bear no financial or legal responsibility whatsoever arising from such claims.

3.8.3 Indemnitee agrees to fully cooperate with the defense of any Covered Claim. Indemnitee will provide written notice to Indemnifying Party of any Covered Claim at the address for notice assigned herein within ten days of receipt, and, in the case of receipt of service of process, will deliver such process to Indemnifying Party not later than 10 business days prior to the date for response to the process. Indemnitee 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 used by Indemnitee in the area affected by the claim, 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. Indemnitee will further cooperate with Indemnifying Party's investigation and defense of the Covered Claim by responding to 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. Indemnitee will promptly notify Indemnifying Party of any settlement communications, offers or proposals received from claimants.

3.8.4 Indemnitee agrees that Indemnifying Party will have no indemnity obligation, and Indemnitee 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 Indemnitee liability.

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

4.0 UNBUNDLED XDSL-CAPABLE LOOP OFFERINGS

4.1 DSL-Capable Loops: For each of the loop types described in Sections 4.1.1 – 4.1.5 below, CLEC will, at the time of ordering, notify **SBC-ILEC** as to the type of PSD mask CLEC intends to use and will notify **SBC-ILEC** if and when a change in PSD mask is made.

4.1.1 2-Wire xDSL Loop: A 2-wire xDSL loop for purposes of this section, is a loop that supports the transmission of Digital Subscriber Line (DSL) technologies. The loop is a dedicated transmission facility between a distribution frame, or its equivalent, in a **SBC-ILEC** central office and the network interface device at the customer premises. A copper loop used for such purposes will meet basic electrical standards such as metallic conductivity and capacitive and resistive balance, and will not include load coils or excessive bridged tap (bridged tap in excess of 2,500 feet in length). The loop may retain existing repeaters at CLEC's option. The loop cannot be "categorized" based on loop length and limitations cannot be placed on the length of xDSL loops. A portion of a xDSL loop may be provisioned using fiber optic facilities and necessary electronics to provide service in certain situations. The rates set forth in Section 11.1 for the 2-Wire Analog Loop shall apply to this 2-Wire xDSL Loop.

4.1.2 2-Wire Digital Loop (e.g., ISDN/IDSL): A 2-Wire Digital Loop for purposes of this Section is 160 Kbps and supports Basic Rate ISDN (BRI) digital exchange services. The 2-Wire Digital Loop 160 Kbps supports usable bandwidth up to 160 Kbps. The rates for the 2-Wire Digital Loop are set forth in Section 11.1 below.

4.1.3 4-Wire xDSL Loop: A 4-wire xDSL loop for purposes of this section, is a loop that supports the transmission of Digital Subscriber Line (DSL) technologies. The loop is a dedicated transmission facility between a distribution frame, or its equivalent, in a **SBC-ILEC** central office and the network interface device at the customer premises. A copper loop used for such purposes will meet basic electrical standards such as metallic conductivity and capacitive and resistive balance, and will not

include load coils or excessive bridged tap (bridge tap in excess of 2,500 feet in length). The loop may retain existing repeaters at CLEC's option. The loop cannot be "categorized" based on loop length and limitations cannot be placed on the length of xDSL loops. A portion of an xDSL loop may be provisioned using fiber optic facilities and necessary electronics to provide service in certain situations. The rates set forth in Section 11.1 for the 4-Wire Analog Loop shall apply to this 4-Wire xDSL Loop.

4.1.4 4-Wire Digital Loop: A 4-Wire Digital Loop for purposes of this Section is a 1.544 Mbps loop that will support DS1 service including Primary Rate ISDN (PRI). The 4-Wire Digital Loop 1.544 Mbps supports usable bandwidth up to 1.544 Mbps. The rates for the 4-Wire Digital Loop are set forth in Section 11.1 below.

4.1.5 Sub-Loop: In locations where **SBC-ILEC** has deployed (1) Digital Loop Carrier ("DLC") 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 two voice-grade POTS circuits from a single copper pair; or (3) entirely fiber optic facilities to the end user, **SBC-ILEC** will make the following options available to CLEC. In these three situations above, where spare copper facilities are available, and the facilities meet the necessary technical requirements for the provision of xDSL and allow CLEC to offer the same level of quality for advanced services, CLEC has the option of requesting that **SBC-ILEC** make copper facilities available (subject to Section 4.2 below). In addition, CLEC has the option of collocating a Digital Subscriber Line Access Multiplexer ("DSLAM") in **SBC-ILEC**'s RT at the fiber/copper interface point, pursuant to collocation terms and conditions. When CLEC collocates its DSLAM at **SBC-ILEC**'s RT, **SBC-ILEC** will provide CLEC with unbundled access to subloops to allow CLEC to access the copper wire portion of the loop. The xDSL subloops (consistent with Section 2.2 above) are defined as outlined in Sections 4.1.1 through 4.1.4 above, but only include the F2/distribution portion of the loop. Where CLEC is unable to install a DSLAM at the RT or obtain spare copper loops necessary to provision a xDSL service, and **SBC-ILEC** has placed a DSLAM in the RT, **SBC-ILEC** must unbundle and provide access to its DSLAM. **SBC-ILEC** is relieved of this requirement to unbundle its DSLAM only if it permits CLEC to collocate its DSLAMs in the RT on the same terms and conditions that apply to its own DSLAM. The unbundling requirement with respect to

DSLAMS would attach to such equipment transferred to **SBC-ILEC**'s advanced services affiliate. Sub loop pricing may be found in Section 11.1 below.

4.2 **SBC-ILEC** shall be under no obligation to provision xDSL-capable Loops in any instance where physical facilities do not exist. This shall not apply where physical facilities exist, but require conditioning. In that event, CLEC will be given the opportunity to evaluate the parameters of the xDSL service to be provided, and determine whether and what type of conditioning shall be performed at the request of the CLEC.

4.3 **SBC-ILEC** will not impose limitations on the transmission speeds of xDSL services. **SBC-ILEC** will not restrict the CLEC's services or technologies to a level at or below those provided by **SBC-ILEC**. For each loop, CLEC should at the time of ordering notify **SBC-ILEC** as to the type of PSD mask CLEC intends to use, and if and when a change in PSD mask is made, CLEC will notify **SBC-ILEC**. Likewise, **SBC-ILEC** should disclose to CLEC information with respect to the number of loops using advanced services technology within the binder and type of technology deployed on those loops. **SBC-ILEC** will use this information 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, CLEC shall provide **SBC-ILEC** with a technical description of the technology (including power mask) for the inventory purposes. **SBC-ILEC** will keep such information confidential and will take all measures to ensure that CLEC deployment information is neither intentionally nor inadvertently revealed to any part of **SBC-ILEC**'s retail operations, to any affiliate(s), or to any other CLEC without prior authorization from CLEC. Additional information on the use of PSD masks can be found in Section 9.1 below.

4.4 In the event that **SBC-ILEC** rejects a request by CLEC for provisioning of advanced services, including, but not limited to denial due to fiber, DLC, or DAML facility issues, **SBC-ILEC** will disclose to the requesting CLEC information with respect to the number of loops using advanced services technology within the binder and type of technology deployed on those loops, including the specific reason for the denial, within 48 hours of the denial. In no event shall the denial be based on loop length. If there is any dispute between the Parties with respect to this Section, **SBC-ILEC** will not deny the loop (subject to Section 3.4 above), but will continue to provision loops until the dispute is resolved in accordance with the Dispute Resolution procedures set forth in this Agreement.

4.5 **SBC-ILEC** 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.

4.5.1 Upon request by CLEC, **SBC-ILEC** 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.

4.5.2 If it is demonstrated that the new xDSL technology will not significantly degrade the other advanced services or traditional voice based services, **SBC-ILEC** will provide a loop to support the new technology for CLEC as follows:

4.5.2.1 If the technology requires the use of a 2-Wire or 4-Wire xDSL loop [as defined in this Attachment], then **SBC-ILEC** will provide with the xDSL loop at the same rates listed for a2-Wire or 4-Wire xDSL loop and associated loop conditioning as needed. **SBC-ILEC**'s ordering procedures will remain the same as for its 2-Wire or 4-Wire xDSL loop even though the xDSL loop is now capable of supporting a new xDSL technology.

4.5.2.2 In the unlikely event that a new xDSL technology requires a loop type that differs from that of a 2-Wire or 4-Wire loop [as defined in this Attachment], the Parties shall expend diligent efforts 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 Agreement.

4.6 Technologies deployed on copper loops must be in compliance with applicable national industry standards; provided, however, CLEC can deploy technologies under Section 4.5 above for which applicable national standards have not been adopted.

4.7 If **SBC-ILEC** or another CLEC claims that a service is significantly degrading the performance of other advanced services or traditional voice

band services, then **SBC-ILEC** 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-ILEC** 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 other such services.

4.8 **SBC-ILEC** shall not impose its own standards for provisioning xDSL services, through Technical Publications or otherwise, until and unless approved by the Commission or the FCC prior to use.

4.9 **SBC-ILEC** shall not employ internal technical standards, through Technical Publications or otherwise, for its own retail xDSL that would adversely affect wholesale xDSL services or xDSL providers.

5. OPERATIONAL SUPPORT SYSTEMS: LOOP MAKE-UP INFORMATION AND ORDERING

5.1 General: **SBC-ILEC** will provide CLEC with nondiscriminatory access, whether that access is available by electronic or manual means, to its OSS functions as stated in the SBC Plan of Record filed with the FCC on December 7, 1999, or any subsequent revisions or additions to the Plan. This provision will not be construed as an admission by CLEC that the Plan of Record is sufficient. In the interim, manual loop make-up 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 OSS functions that **SBC-ILEC** is providing any other CLEC and/or **SBC-ILEC** or its advanced services affiliate.

5.2 Loop Pre-Qualification: Subject to 5.1 above, **SBC-ILEC**'s pre-qualification system will provide a near-real time response to CLEC queries. Until replaced with OSS access as provided in 5.1, **SBC-ILEC** will provide mechanized access to a loop length indicator via Verigate and Datagate for use with xDSL-based or other advanced services. The loop length indicator 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.

5.3 Loop Qualification: Subject to 5.1 above, **SBC-ILEC** will develop and deploy enhancements to its existing Datagate and EDI interfaces that will allow CLECs, as well as **SBC-ILEC**'s retail operations or its advanced

service subsidiary, to have real-time electronic access as a preordering function to the loop makeup information, subject to the following:

5.3.1 For loops ordered under 12,000 feet in length, **SBC-ILEC** will provide a One-Step Process so that no loop qualification shall be required;

5.3.2 In addition, no loop qualification shall be required for the 2-Wire Digital Loop (e.g., ISDN/IDSL) referenced in Section 4.1.2 above; and

5.3.3 If a CLEC elects to have **SBC-ILEC** provide loop makeup information through a manual process for xDSL loops not addressed in Sections 5.4.1 and 5.4.2 above, then the interval will be 3-5 business days, or the interval provided to **SBC-ILEC**'s affiliate, whichever is less.

5.4 Loop makeup data should include the following: (a) the actual loop length; (b) the length by gauge; and (c) the presence of repeaters, load coils, or bridged taps; and shall include, if noted on the individual loop record, (d) the total length of bridged taps, load coils, and repeaters; (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.

5.4.1 In accordance with the UNE Remand Order, where **SBC-ILEC** has not compiled loop qualification information for itself, **SBC-ILEC** is not required to conduct a plant inventory and construct a database on behalf of requesting carriers. If **SBC-ILEC** has manual access to this sort of information for itself, or any affiliate, **SBC-ILEC** will provide access to it to CLEC on a non-discriminatory basis. To the extent **SBC-ILEC** has access to this information in an electronic format, that same format should be made available to CLEC via an electronic interface. The Parties will meet and agree to the appropriate rate for such information if not included in this Agreement. If an agreement cannot be reached, **SBC-ILEC** will provide such information and the Parties will resolve the matter through the dispute resolution procedures set forth in this Agreement.

6.0 PROVISIONING

6.1 CLEC shall designate, at the CLEC's sole option, what loop conditioning **SBC-ILEC** is to perform in provisioning the xDSL loop or subloop on the loop order. Conditioning may be ordered on loop(s) or subloop(s) of any length at the Loop conditioning rates set forth in Section 11.4. The loop or

subloop will be provisioned to meet basic metallic and electrical characteristics such as electrical conductivity and capacitive and resistance balance.

6.2 The provisioning and installation interval for a xDSL-capable loop, where no conditioning is requested (including outside plant rearrangements that involve moving a workings 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-ILEC**'s tariffed xDSL-based services, or its affiliate's, whichever is less. 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 10 business days, or the provisioning and installation interval applicable to **SBC-ILEC**'s tariffed xDSL-based services or its affiliate's xDSL-based services where conditioning is required, whichever is less. Orders for more than 20 loops per order or per end-user location, where no conditioning is requested, will have a provisioning and installation interval of 15 business days, or as agreed upon by the Parties. Orders for more than 20 loops per order which require conditioning will have a provisioning and installation interval agreed by the parties in each instance. These provisioning intervals are applicable to every xDSL loop regardless of the loop length. The Parties will meet to negotiate and agree upon subloop provisioning intervals.

6.3 Subsequent to the initial order for a xDSL capable loop or subloop, additional conditioning may be requested on such loop at the rates set forth below and the applicable service order charges will apply; provided, however, when requests to add or modify conditioning are received within twenty-four (24) hours of the initial order for a xDSL-capable loop, no service order charges shall be assessed, but the due date may be adjusted as necessary as agreed to by the parties. The provisioning interval for additional requests for conditioning pursuant to this subsection will be the same as set forth above.

6.4 The CLEC, at its sole option, may request shielded cross-connects for central office wiring at rates set forth herein.

6.5 **SBC-ILEC** shall keep CLEC deployment information confidential from **SBC-ILEC**'s retail operations, any **SBC-ILEC** affiliate, or any other CLEC.

7.0 ACCEPTANCE TESTING

7.1 **SBC-ILEC** and CLEC agree to implement Cooperative Acceptance Testing for xDSL loop delivery.

7.2 Should CLEC desire Cooperative Acceptance Testing, CLEC shall request such testing on a per xDSL loop basis upon issuance of the Local Service Request (LSR). Cooperative Acceptance Testing will be conducted at the time of installation of the service request.

7.3 Acceptance Testing Procedure:

7.3.1 Upon delivery of a loop to/for CLEC, **SBC-ILEC**'s field technician will call the Local Operations Center (LOC) and the LOC technician will call a toll free CLEC number to initiate performance of a series of cooperative tests.

7.3.1.1 Except for ISDN loops that are provisioned through repeaters or digital loop carriers, the test requires the **SBC-ILEC** field technician to provide a solid short across the tip and ring of the circuit and then open circuit the loop.

7.3.1.2 For ISDN (very low band symmetric) loops that are provisioned through repeaters or digital loop carriers, the **SBC-ILEC** field technician will not perform a short or open circuit.

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

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

SBC-ILEC with a confirmation number and **SBC-ILEC** will complete the order. **SBC-ILEC** will not complete an order that fails Acceptance Testing.

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

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

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

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

7.4 Acceptance Testing Billing

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

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

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

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

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

7.4.1.3 Even if **SBC-ILEC** is in period which it may bill for Acceptance Testing, **SBC-ILEC** will not bill for the Acceptance Testing for loop installs that did not pass, the first time, the test parameters defined by this Agreement for

xDSL loops. **SBC-ILEC** will not bill for loop repairs when the repair was **SBC-ILEC** problem.

7.4.1.4 Beginning November 1, 2000, **SBC-ILEC** delivery commitment changes to 90%.

7.4.2 The charges for Acceptance Testing are outlined below. If requested by CLEC, Overtime or Premium time charges will apply for Acceptance Testing requests in off-hours at overtime time charges calculated at one and one half times the standard price and premium time being calculated at two times the standard price. If the tariff rate changes, the parties will negotiate in good faith to determine if the tariff rate changes should apply to acceptance testing.

REGION	TARIFF	USOC	FIRST HALF HR./FRACTION	ADDITIONAL
Ameritech	FCC No. 2; Sec. 13.3.4 (C)(1)(a)	UBCX+	$40.92	$22.60
Nevada Bell	FCC No. 1; Sec. 13.3.5 (B)(1)	UBC++	*$40.21/$32.72	N/A
Pacific Bell	FCC No. 128; Sec. 13.3.5 (C)(1)(a)	UBC++	$44.00	$23.00
SNET	Connecticut Access Service; Sec. 6.3.1 (B)	UBCX+	$57.36	$26.37
Southwestern Bell	FCC No. 73; Sec. 13.4.8 (A)	UBCX+	$33.51	$21.32

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

7.4.3 Repairs

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

8.0 SERVICE QUALITY AND MAINTENANCE

8.1 **SBC-ILEC** 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-ILEC** beyond these parameters will be billed on a time and materials basis at Access Tariff 73 rates.[1]

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

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

9.0 SPECTRUM MANAGEMENT

9.1 CLEC will advise **SBC-ILEC** of the Power Spectral Density ("PSD") mask approved or proposed by T1.E1 that reflects the service performance parameters of the technology to be used. The CLEC, at its option and without further disclosure to **SBC-ILEC**, 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-ILEC** 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-ILEC** as set forth in Section 4.3 above. CLEC will abide by standards pertinent for the designated PSD mask type.

9.2 **SBC-ILEC** agrees that as a part of spectrum management, it will maintain an inventory of the existing services provisioned on the cable. **SBC-ILEC** will not use Selective Feeder Separation (SFS) and will remove any restrictions imposed by **SBC-ILEC** on use of pairs for non-ADSL xDSL services. **SBC-ILEC** will not deny any loops on the basis of binder group management designations or business rules created in **SBC-ILEC** LFACS and LEAD databases or limit the deployment of xDSL services to certain pair ranges, with the exception of binder groups containing AMI T1 services. **SBC-ILEC** may not segregate xDSL technologies into

[1] See also Award page 105-106 on this topic.

designated binder groups without Commission review and approval. Where **SBC-ILEC** has already implemented BGM or reserved loop complements, **SBC-ILEC** must open those binder groups to all xDSL services and all xDSL providers. **SBC-ILEC** shall not deny CLEC a loop based upon spectrum management issues, subject to 9.3 below. In all cases, **SBC-ILEC** 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-ILEC**, as well as competitively neutral as between different xDSL services. Where disputes arise, **SBC-ILEC** 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-ILEC** 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.

9.3 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 Agreement, **SBC-ILEC** 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. If there is any dispute between the Parties with respect to this Section, **SBC-ILEC** will not deny the loop (subject to Section 3.4 above), but will continue to provision loops until the dispute is resolved in accordance with the Dispute Resolution procedures set forth in this Agreement.

9.4 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, if **SBC-ILEC** and/or CLEC is providing xDSL technologies deployed under Section 4.0 above, or other advanced services for which there is no standard, then **SBC-ILEC** and/or CLEC must being the process of bringing its deployed xDSL technologies and equipment into compliance with such standards at its own expense.

10.0 RESERVATION OF RIGHTS

10.1 The Parties acknowledge and agree that the provision of these DSL-Capable Loops and the associated rates, terms and conditions set forth above 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 Federal Communications Commission orders (whether from the Memorandum Opinion and Order, and Notice of Proposed Rulemaking, FCC 98-188 (rel. August 7, 1998), in CC Docket No. 98-147, or the FCC's First Report and Order and Further Notice of Proposed Rulemaking, FCC 99-48 (rel. March 31, 1999), in CC Docket 98-147 or the FCC's Third Report and Order and Fourth Further Notice of Proposed Rulemaking in CC Docket No. 96-96 (FCC 99-238), or any other proceeding, the Parties shall expend diligent efforts to arrive at an agreement on conforming modifications to this Agreement. If negotiations fail, disputes between the Parties concerning the interpretation of the actions required or the provisions affected shall be handled under the Dispute Resolution procedures set forth in this Agreement.

11. LINE SHARING

11.1 The Parties agree to negotiate an Agreement addressing issues relating to line sharing in connection with deployment of Advanced Services by the Parties. Both Parties agree to negotiate language compliant with the FCC's Third Report and Order in CC Docket No. 98-147 (released December 9, 1999) that unbundles the high frequency portion of the loop.

11.2 If the Parties fail to reach agreement within thirty (30) days of the written request for negotiations, either Party may invoke the Alternative Dispute Resolution process set in other portions of 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.

APPENDIX DIRECT

TABLE OF CONTENTS

1. INTRODUCTION 3

2. DEFINITIONS 4

3. SERVICE 5

4. RESPONSIBILITIES OF SBC-12STATE 5

5. RESPONSIBILITIES OF CLEC 6

6. RESPONSIBILITIES OF BOTH PARTIES 6

7. LIABILITY 6

8. BILLING 7

9. USE OF SUBSCRIBER LISTING INFORMATION 7

10. ASSIGNMENT 7

11. TERM OF CONTRACT AND RATE STRUCTURE 7

12. APPLICABILITY OF OTHER RATES, TERMS AND CONDITIONS 8

APPENDIX DIRECT
(DIRECT ACCESS AGREEMENT
FOR LOCAL DIRECTORY ASSISTANCE LISTINGS)

1. INTRODUCTION

1.1 This Appendix sets forth terms and conditions for electronic access to the Directory Assistant data-base provided by the applicable SBC Communications Inc. (SBC) owned Incumbent Local Exchange Carrier (ILEC) and CLEC.

1.1.1 Southern New England Telephone (**SNET**) will provide electronic access to its Directory Assistance (DA) database through the FCC 39 Access Tariff.

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, Nevada Bell Telephone Company, The Ohio Bell Telephone Company, Pacific Bell Telephone Company, The Southern New England Telephone Company, Southwestern Bell Telephone Company and/or Wisconsin Bell, Inc. d/b/a Ameritech Wisconsin.

1.3 As used herein, **SBC-ILEC** means the applicable above listed ILECs doing business in Arkansas, California, Illinois, Indiana, Kansas, Michigan, Missouri, Nevada, Oklahoma, Texas and Wisconsin.

1.4 As used herein, **SBC-SWBT** means the applicable above listed ILECs doing business in Arkansas, Kansas, Missouri, Oklahoma and Texas.

1.5 As used herein, **SBC-AMERITECH** means the applicable above listed ILECs doing business in Illinois, Indiana, Michigan, Ohio and Wisconsin.

1.6 As used herein, **PACIFIC** means the applicable above listed ILECs doing business in California.

1.7 As used herein, **NEVADA** means the applicable above listed ILECs doing business in Nevada.

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

1.9 The Prices at which **SBC-ILEC** agrees to provide electronic access to its Directory Assistance (DA) database are contained in the applicable Appendix Pricing and/or the applicable Commissioned ordered tariff where stated.

2. DEFINITIONS

2.1 **"Automated Message According (AMA)"** – Billing detail recordings in the switch.

2.2 **"Call Processing Data Link - (CPDL)"** - CPDL is a proprietary, licensable interface that utilizes a standard format message protocol for transport of messages between Directory One Call Control and a switching entity.

2.3 **"Data Terminating Equipment (DTE)"** - A terminal attached to a data network as an End User node.

2.4 **"Nortel Digital Multiplexing Switch (DMS 200)"** - DMS performs base call processing functions and supports service capabilities.

2.5 **"IBM RISC 6000 Processor"** – The IBM platform that enables database search capabilities.

2.6 **"Nortel Directory One (D1)"** - D1 offers directory search applications built on a standard operating software environment.

2.7 **"Nortel Directory One Call Control"** - Allows bi-directional call control capability between the TOPS switch and the D1 network.

2.8 **"Electronic White Pages (EWP)"** - EWP allows telephone companies to offer fully customized electronic directory assistance services for all types of users.

2.9 **"Nortel Interactive Voice System (IVS)"** - Peripheral off the switch that provides interactive audio.

2.10 **"Nortel Multi Purpose Position (MP, MPX or MPX-IWS)"** - Operator Workstations.

2.11 **"Non-Published Number (NP)"** - A telephone number that at the request of the telephone subscriber, is neither published in a telephone directory nor provided by an Operator.

2.12 **"Operator Service Center (OSC)"** - Physical location of the Operators/workstations.

2.13 **"Published Number"** - A telephone number that is published in a telephone directory and is available upon request by calling an **SBC-12STATE** DA Operator.

2.14 **"Nortel Queue Management System (QMS)"** - Supports up to 255 unique queues on calls to operator positions.

2.15 **"Nortel Traffic Operating Position System (TOPS)"** - Performs base call processing functions and support service capabilities.

2.16 **"Nortel/IBM Protocol"** – Allows communication between Nortel Switch and IBM database.

2.17 **"IBM Platform"** – Offers directory search applications built on a standard operating software environment.

3. SERVICE

3.1 Direct Access allows CLECs access to **SBC-12STATE**'s Directory Assistance (DA) database (which includes residence, business, and government listings) for the sole purpose of providing DA to CLEC's End User. This service shall allow the CLEC to obtain listed name, address, zip code and telephone numbers, except that access to non-published telephone numbers or other information that the customer has asked to make unavailable is not allowed, with the exception of customer name and address **SBC-12STATE** will provide CLECs nondiscriminatory access to the same directory listing information available to its own directory assistance operators.

3.2 Where technically feasible and/or available, CLEC may receive Direct Access from **SBC-12STATE**'s host switches via a CLEC Nortel DMS200 TOPS Host Switch, a LUCENT 5ESS OSPS switch or any other Operator assistance switch type with Call Processing Data Link (CDPL). CDPL is a proprietary, licensable interface that utilizes a standard format message protocol for transport of messages between Nortel Directory One Call Control and a switching entity. CPDL provides the protocol by which the CLEC switch may provide auto and offer DACC.

4. RESPONSIBILITIES OF SBC-12STATE

4.1 **SBC-12STATE** shall provide and maintain its own Directory Assistance platform equipment to furnish DA services to CLEC for all **SBC-12STATE** listings.

4.2 **SBC-12STATE** shall provide DA listings to CLEC from its current DA records and in accordance with **SBC-12STATE**'s methods, practices, and procedures.

4.3 **SBC-12STATE** shall provide CLEC access to the same listing information that is available to its own operators.

4.4 **SBC-12STATE** shall maintain the same level of system performance for CLEC as it provides to itself.

5. RESPONSIBILITIES OF CLEC

5.1 CLEC shall submit requests for Direct Access in writing to **SBC-12STATE**. Requests for Direct Access will be pursuant to the Bona Fide Request (BFR) Process as outlined in the attached procedures. The FCC ruled that OS/DA were not UNEs.

5.2 When CLEC utilizes a switch other than those specified in TR-BX.25, the CLEC must obtain CPDL/D1 certification of their switch from NORTEL. The CLEC shall bear all costs of obtaining any vendor certification including payment of any applicable vendor license fees. **SBC-7STATE** shall supply Nortel D1 hardware and software; i.e., two (2) ADAX cards per 9,000 Busy Hour calls. **SBC-7STATE** shall bear the cost of this hardware and software, but the CLEC will be responsible for Engineering, Furnish and Installation charges.

5.2.1 **SBC-AMERITECH** – The IBM RISC 6000 does not support the CDPL technology.

6. RESPONSIBILITIES OF BOTH PARTIES

6.1 The CLEC providing the circuit between CLEC's office and **SBC-12STATE**'s office shall make such circuits available for use in connection with the DA services covered herein. When the total traffic exceeds the capability of the existing circuits, additional circuits will be provided by the CLEC.

6.2 Where applicable, if additional ADAX cards and ASN Routers (with sync and token ring cards) are necessary, they will be provided by **SBC-12STATE**, and CLEC will reimburse **SBC-12STATE** for the cost, plus Engineering, Furnish and Installation.

7. LIABILITY

7.1 The limitation of liability and indemnification provisions of the Agreement shall govern performance under this Appendix CLEC also agrees to release, defend, indemnify, and hold harmless **SBC-12STATE** from any claim, demand or suit that asserts any infringement or invasion of privacy or confidentiality of any person or persons caused or claimed to be caused, directly, or indirectly, by **SBC-12STATE** employees and equipment associated with provision of the DA Services. This provision includes but is not limited to suits arising from disclosure of the telephone number, address, or name associated with the telephone called or the telephone used to call the DA Services.

8. BILLING

8.1 **SBC-12STATE** shall bill through the appropriate **SBC-12STATE** regional Mechanized Bill Process.

9. USE OF SUBSCRIBER LISTING INFORMATION

9.1 CLEC is authorized to use the subscriber listing information accessed and provided pursuant to this Appendix for the sole purpose of providing local DA for its own End User customers.

10. ASSIGNMENT

10.1 The subscriber listing information accessed shall remain the property of **SBC-12STATE**. CLEC shall not download, store, print or otherwise extract the DA listing information made available through Direct Access nor shall the CLEC authorize any other company or any person to use any subscriber listing information for any purpose. Each party shall take appropriate measures to guard against any unauthorized use of the listings provided to it hereunder, whether by the other party, its agents or employees.

11. TERM OF CONTRACT AND RATE STRUCTURE

11.1 Upon CLEC's request, and pursuant to the terms and conditions herein, **SBC-12STATE** will set rates and other appropriate criteria for provision of Direct Access to CLEC pursuant to the BFR process.

11.2 The following types of rates shall apply to Direct Access.

11.2.1 Service Establishment

11.2.1.1 CLEC shall pay a Direct Access Service Establishment Charge (a non-recurring charge) applied at the time a CLEC orders Direct Access.

11.2.2 Direct Access Database Service

11.2.2.1 CLEC shall pay a monthly recurring charge for Direct Access Database Service which provides for database security and administration and ongoing support.

11.2.3 Direct Access Per Search

11.2.3.1 Where applicable, CLEC shall pay a Direct Access Per Search charge for each CLEC subscriber listing search queried from **SBC-12STATE**'s listing database.

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.

APPENDIX DA

TABLE OF CONTENTS

1. INTRODUCTION 3

2. SERVICES 3

3. DEFINITIONS 4

4. CALL BRANDING 5

5. DIRECTORY ASSISTANCE (DA) RATE (RFERENCE INFORMATION) 7

6. RESPONSIBILITIES OF THE PARTIES 7

7. METHODS AND PRACTICES 8

8. PRICING 9

9. MONTHLY BILLING 9

10. LIABILITY 9

11. TERMS OF APPENDIX 9

12. APPLICABILITY OF OTHER RATES, TERMS AND CONDITIONS 9

APPENDIX DA
(DIRECTORY ASSISTANCE SERVICE)

1. INTRODUCTION

1.1 This Appendix sets forth the terms and conditions for Directory Assistance (DA) Services for CLEC provided by the applicable SBC Communications Inc. (SBC) owned Incumbent Local Exchange Carrier (ILEC) and 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, Nevada Bell Telephone Company, The Ohio Bell Telephone Company, Pacific Bell Telephone Company, The Southern New England Telephone Company, Southwestern Bell Telephone Company and/or Wisconsin Bell, Inc. d/b/a Ameritech Wisconsin.

1.3 As used herein, **SBC-ILEC** means the applicable above listed ILECs doing business in Arkansas, California, Connecticut, Illinois, Indiana, Kansas, Michigan, Missouri, Nevada, Ohio, Oklahoma, Texas, and Wisconsin.

1.4 As used herein, **SBC-12STATE** means an ILEC doing business in Arkansas, California, Illinois, Indiana, Kansas, Michigan, Missouri, Nevada, Ohio, Oklahoma, Texas, and Wisconsin.

1.5 As used herein, **SBC-7STATE** means an ILEC doing business in Arkansas, California, Kansas, Missouri, Nevada, Oklahoma and Texas.

1.6 As used herein, **SBC-SWBT** means an ILEC doing business in Arkansas, Kansas, Missouri, Oklahoma, and Texas.

1.7 As used herein, **SBC-AMERITECH** means an ILEC doing business in Illinois, Indiana, Michigan, Ohio, and Wisconsin.

1.8 As used herein, **PACIFIC** means an ILEC doing business in California.

1.9 As used herein, **NEVADA** means an ILEC doing business in Nevada.

1.10 As used herein, **SNET** means an ILEC doing business in Connecticut.

1.11 The prices at which **SBC-ILEC** agrees to provide CLEC with Directory Services are contained in the applicable Appendix Pricing and/or the applicable Commissioned ordered tariff where stated.

2. SERVICES

2.1 Where technically feasible and/or available, **SBC-ILEC** will provide the following DA Services:

2.1.1 DIRECTORY ASSISTANCE (DA)
Consists of providing subscriber listing information (name, address, and published telephone number or an indication of "non-published status") where available to CLEC's End Users who dial 411, 1/0+411, 555-1212, 1/0+555-1212, or 1/0+NPA-555-1212.

2.1.2 DIRECTORY ASSISTANCE CALL COMPLETION (DACC) or Express Call Completion (ECC)
A service in which a local or an intraLATA call to the requested number is completed on behalf of CLEC's End User, utilizing an automated voice system or with operator assistance.

2.1.3 DIRECTORY ASSISTANCE Nationwide Listing Service (NLS)
A service in which listed telephone information (name, address, and telephone numbers) is provided for residential, business and government accounts throughout the 50 states to CLEC End Users. CLEC acknowledges that the Federal Communications Commission has issued an order that could affect **SBC-12 STATE** ability to offer NLS and that **SBC-12STATE** may have to stop providing NLS at anytime. CLEC releases **SBC-12STATE** from any and all claims, costs, damages, liabilities, losses, and expenses (including reasonable attorney fees), if **SBC-12STATE** stops providing NLS. CLEC also agrees to indemnify, defend, and hold harmless **SBC-12STATE** from any and all third party claims, costs, damages, liabilities, losses, and expenses (including reasonable attorney fees), arising from **SBC-12STATE** decision to stop providing NLS.

3. DEFINITIONS

3.1 The following terms are defined as set forth below:

3.1.1 "**Call Branding" -**The procedure of identifying a provider's name audibly and distinctly to the End User at the beginning of each DA Services call.

3.1.2 "**Non-List Telephone Number or DA only Telephone Number" -** A telephone number that, at the request of the telephone subscriber, is not published in a telephone directory, but is available from a DA operator.

3.1.3 "**Non-Published Number" -** A telephone number that, at the request of the telephone subscriber, is neither published in a telephone directory nor available from a DA operator.

3.1.4 "**Published Number" -** A telephone number that is published in a telephone directory and is available upon request by calling a DA operator.

4. CALL BRANDING

4.1 Where technically feasible and/or available, **SBC-ILEC** will brand DA in CLEC's name based upon the criteria outlined below:

4.1.1 Where **SBC-ILEC** provides CLEC Operator Services (OS) and DA services via the same trunk, both the OS and DA calls will be branded with the same brand. Where **SBC-ILEC** is only providing DA service on behalf of the CLEC, the calls will be branded.

4.1.2 CLEC name used in branding calls may be subject to Commission regulations and should match the name in which CLEC is certified.

4.1.3 **SBC-SWBT/SNET/SBC-AMERITECH -** CLEC will provide written specifications of its company name to be used by **SBC-SWBT/SNET/SBC-AMERITECH** to create CLEC specific branding messages for its DA calls in accordance with the process outlined in the Operator Services OS/DA Questionnaire (OSQ). CLEC attests that it has been provided a copy of the Operator Services OS/DA Questionnaire (OSQ).

4.1.4 **PACIFIC/NEVADA -** CLEC will provide recorded announcement(s) of its company name to be used to brand the CLEC's DA calls in accordance with the process outlined in the Operator Services OS/DA Questionnaire (OSQ). CLEC attests that it has been provided a copy of the Operator Services OS/DA Questionnaire (OSQ).

4.1.5 A CLEC purchasing **SBC-ILEC** unbundled local switching is responsible for maintaining CLEC's End User customer records in **SBC-ILEC** Line Information Database (LIDB) as described in Appendix LIDB. CLEC's failure to properly administer customer records in LIDB may result in branding errors.

4.1.6 Multiple Brands:

4.1.6.1 **SBC-7STATE** can support multiple brands on a single trunk group for a facilities-based CLEC if all End User customer records for all carriers utilizing the same trunk group are maintained in **SBC-7STATE**'s LIDB.

4.1.7 Branding Load Charges:

4.1.7.1 **SBC-SWBT -** An initial non-recurring charge applies per state, per brand, per Operator assistance switch, for the establishment of CLEC specific branding. An additional non-recurring charge applies per state, per brand, per Operator assistance switch for each subsequent change to the branding announcement. In addition, a per call charge applies for every DA call handled by **SBC-SWBT** on behalf of CLEC when such services are provided in conjunction with: i) the purchase of **SBC-SWBT** unbundled local switching; or ii) when multiple brands are required on a single Operator Services trunk.

4.1.7.2 **PACIFIC/NEVADA –** An initial non-recurring charge applies per state, per brand, per Operator assistance switch, for the establishment of CLEC specific branding. An additional non-recurring charge applies per state, per brand, per Operator assistance switch for each subsequent change to the branding announcement.

4.1.7.3 **SNET** – An initial non-recurring charge applies per brand, per load, per Operator assistance switch for the establishment of CLEC specific branding. An additional non-recurring charge applies per brand, per load, per Operator assistance switch for each subsequent change to the branding announcement.

4.1.7.4 **SBC-AMERITECH –** An initial non-recurring charge applies per brand, per Operator Assistance Switch, per trunk group for the establishment of CLEC specific branding. An additional non-recurring charge applies per brand, per Operator assistance switch, per trunk group for each subsequent change to the branding announcement.

5. DIRECTORY ASSISTANCE (DA) RATE/REFERENCE INFORMATION

5.1 Where technically feasible and/or available, **SBC-ILEC** will provide CLEC DA Rate/Reference Information based upon the criteria outlined below:

5.1.1 CLEC will furnish DA Rate and Reference Information in a mutually agreed to format or media thirty (30) calendar days in advance of the date when the DA Services are to be undertaken.

5.1.2 CLEC will inform **SBC-ILEC,** in writing, of any changes to be made to such Rate/Reference Information fourteen (14) calendar days prior to the effective Rate/Reference change date. CLEC acknowledges that it is responsible to provide **SBC-ILEC** updated Rate/Reference Information fourteen (14) calendar days in advance of when the updated Rate/Reference Information is to become effective.

5.1.3 An initial non-recurring charge will apply per state, per Operator assistance switch for loading of CLEC's DA Rate/Reference Information. An additional non-recurring charge will apply per state, per Operator assistance switch for each subsequent change to either the CLEC's DA Services Rate or Reference Information.

5.1.4 When an **SBC-ILEC** Operator receives a rate request from a CLEC End User, **SBC-ILEC** will quote the applicable DA rates as provided by CLEC.

5.1.4.1 **PACIFIC/NEVADA/SBC-AMERITECH –** In the interim, when an Operator receives a rate request from a CLEC End User, **PACIFIC/NEVADA/SBC-AMERITECH** will transfer the CLEC End User to a customer care number specified by the CLEC in the OSQ. When **PACIFIC/NEVADA/SBC-AMERITECH** has the capability to quote specific CLEC rates and reference information the parties agree that the transfer option will be eliminated.

6. RESPONSIBILITIES OF THE PARTIES

6.1 CLEC agrees that due to customer quality and work force schedule issues, **SBC-ILEC** will be the sole provider of DA Services for CLEC's local serving area(s).

6.2 CLEC will be responsible for providing the equipment and facilities necessary for signaling and routing calls with Automatic Number Identification (ANI) to each **SBC-ILEC** Operator assistance switch. Should CLEC seek to obtain interexchange DA Service from **SBC-ILEC**, CLEC is responsible for ordering the necessary facilities under the appropriate interstate or intrastate Access Service Tariffs. Nothing in this Agreement in any way changes the manner in

which an interexchange Carrier obtains access service for the purpose of originating or terminating interexchange traffic.

6.2.1 **PACIFIC/NEVADA** - Services that require ANI, such as branding and call completion, can not be provided when CLEC utilizes a LISA trunking arrangement. LISA trunks for DA will be eliminated when **PACIFIC/NEVADA**'s 5ACD switches are eliminated. At such time, CLEC will be responsible for providing direct trunks to each **PACIFIC/NEVADA** Operator assistance switch.

6.3 Facilities necessary for the provision of DA Services shall be provided by the Parties hereto, using standard trunk traffic engineering procedures to insure that the objective grade of service is met. Each Party shall bear the costs for its own facilities and equipment.

6.4 CLEC will furnish to **SBC-ILEC** a completed OSQ thirty (30) calendar days in advance of the date when the DA Services are to be undertaken.

6.5 CLEC will provide **SBC-ILEC** updates to the OSQ fourteen (14) calendar days in advance of the date when changes are to become effective.

6.6 CLEC will send the DA listing records to **SBC-ILEC** for inclusion in **SBC-ILEC** DA database via electronic gateway as described in Appendix WP.

6.7 CLEC agrees that **SBC-ILEC** may utilize CLEC's End User's listings contained in **SBC-ILEC** directory assistance database in providing existing and future **SBC-ILEC** directory assistance or DA related services.

6.8 CLEC further agrees that **SBC-ILEC** can release CLEC's directory assistance listings stored in **SBC-ILEC** directory assistance database to competing providers.

7. METHODS AND PRACTICES

7.1 **SBC-ILEC** will provide DA Services to CLEC's End Users in accordance with **SBC-ILEC** DA methods and practices that are in effect at the time the DA call is made, unless otherwise agreed in writing by both parties.

8. PRICING

8.1 Pricing for DA Services shall be based on the rates specified in Appendix Pricing. Beyond the specified term of this Appendix, **SBC-ILEC** may change the prices for the provision of DA Services upon one hundred-twenty (120) calendar days' notice to CLEC.

9. MONTHLY BILLING

9.1 For information regarding billing, non-payment, disconnection, and dispute resolution, see the General Terms and Conditions of this Agreement.

9.2 **SBC-ILEC** will accumulate and provide CLEC such data as necessary for CLEC to bill its End Users.

10. LIABILITY

10.1 The provisions set forth in the General Terms and Conditions of this Agreement, including but not limited to those relating to limitation of liability and indemnification, shall govern performance under this Appendix.

10.2 CLEC also agrees to release, defend, indemnify, and hold harmless **SBC-ILEC** from any claim, demand or suit that asserts any infringement or invasion of privacy or confidentiality of any person or persons caused or claimed to be caused, directly, or indirectly, by **SBC-ILEC** employees and equipment associated with provision of DA Services, including but not limited to suits arising from disclosure of the telephone number, address, or name associated with the telephone called or the telephone used to call DA Services.

11. TERMS OF APPENDIX

11.1 This Appendix will continue in force for the length of the Interconnection Agreement, but no less than twelve (12) months. At the expiration of the term of the Interconnection Agreement to which this Appendix is attached, or twelve months, which ever occurs later, either Party may terminate this Appendix upon one hundred-twenty (120) calendar days written notice to the other Party.

11.2 If CLEC terminates this Appendix prior to the expiration of the term of this Appendix, CLEC shall pay SWBT, within thirty (30) days of the issuance of any bills by **SBC-ILEC**, all amounts due for actual services provided under this Appendix, plus estimated monthly charges for the unexpired portion of the term. Estimated charges will be based on an average of the actual monthly service provided by **SBC-ILEC** pursuant to this Appendix prior to its termination.

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.

APPENDIX DAL

TABLE OF CONTENTS

1. INTRODUCTION 3

2. GENERAL TERMS AND CONDITIONS 3

3. ASSIGNMENT 5

4. BREACH OF CONTRACT 5

5. LIABILITY 5

6. TERM OF APPENDIX 6

7. APPLICABILITY OF OTHER RATES, TERMS AND CONDITIONS 6

APPENDIX DAL
(LOCAL DIRECTORY ASSISTANCE LISTINGS)

1. INTRODUCTION

1.1 This Appendix sets forth terms and conditions for which Parties agrees to license its subscriber listing information applicable SBC Communications Inc. (SBC) owned Incumbent Local Exchange Carrier (ILEC) and 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, Nevada Bell Telephone Company, The Ohio Bell Telephone Company, Pacific Bell Telephone Company, The Southern New England Telephone Company, Southwestern Bell Telephone Company and/or Wisconsin Bell, Inc. d/b/a Ameritech Wisconsin.

1.3 As used herein, **SBC-ILEC** means the applicable above listed ILEC(s) doing business in Arkansas, California, Connecticut, Illinois, Indiana, Kansas, Michigan, Missouri, Nevada, Ohio, Oklahoma, Texas, and Wisconsin.

1.4 As used herein, **SBC-SWBT** means the applicable above listed ILEC(s) doing business in Arkansas, Kansas, Missouri, Oklahoma, and Texas.

1.5 As used herein, **SBC-AMERITECH** means the applicable above listed ILEC(s) doing business in Illinois, Indiana, Michigan, Ohio, and Wisconsin.

1.6 The prices at which **SBC-ILEC** agrees to provide CLEC with Directory Assistance Listing (DAL) are contained in the applicable Appendix Pricing and/or the applicable Commissioned ordered tariff where stated.

2. GENERAL TERMS AND CONDITIONS

2.1 Where technically feasible and/or available, **SBC-ILEC** will provide Directory Assistance (listing information referred to as Directory Assistance Listing (DAL) in **SBC-SWBT**, Directory Assistance Listing Information Service (DALIS) in Pacific and Dialing Parity Directory Listings in **SBC-AMERITECH** (herein after collectively referred to as DAL):

2.1.1 **SBC-ILEC** owns and maintains the database containing directory assistance listing information (name, address and published telephone number, or an indication of "non-published status") of telephone subscribers.

2.1.2 **SBC-ILEC** uses the directory assistance listing information in its database to provide directory assistance (DA) service to End User who call **SBC-ILEC**'s DA to obtain such information.

2.1.3 Inasmuch as **SBC-ILEC** provides DA service under contract for Independent Local Exchange Carriers (ILECs) and Competitive Local Exchange Carriers, (CLECs), **SBC-ILEC**'s database also contains directory assistance listing information for other ILEC and CLEC End Users.

2.1.4 CLEC wishes to provide DA service to its End Users located in the CLEC's service area, and therefore, wishes to load its database with directory assistance listing information pertaining to **SBC-ILEC**'s subscribers residing in CLEC's service area(s).

2.1.5 **SBC-ILEC** agrees to license requested directory assistance listing information contained in its database, under the following terms and conditions:

2.1.5.1 **SBC-ILEC** shall license its directory assistance listing information as defined in Exhibit A.

2.1.5.2 **SBC-ILEC** shall provide directory assistance listing information in a mutually acceptable format.

2.1.5.3 **SBC-ILEC** shall provide directory assistance listing information to CLEC via a mutually acceptable mode of transmission. Once the mode of transmission has been determined, **SBC13-STATE** will provide to CLEC the initial load of directory assistance listing information in a mutually agreed upon timeframe.

2.2 USE OF DIRECTORY ASSISTANCE LISTING INFORMATION

2.2.1 CLEC may use the directory assistance listing information licensed and provided pursuant to this Appendix for the sole purpose of providing local DA services to Licensee's End Users residing in Licensor's service area.

2.2.2 Upon termination of the Agreement, CLEC shall cease using, for any purpose whatsoever, the directory assistance listing information provided hereunder by **SBC-ILEC**, and shall extract and expunge all copies or any portions thereof from files and records and provide a certification from an officer of the company that all actions have been performed.

2.2.3 In the event a telephone service subscriber has a "non-published" listing, a "non-published" classification will be identified in lieu of the telephone

number information and will be considered part of the Listing Information. The last name, first name, street number, street name, community, and zip code will be provided as part of the Listing Information. The information provided for non-published customers can only be used for two purposes. First, the non-published status may be added to the listing in CLEC's database for the sole purpose of adding/correcting the non-published status of the listings in the database. Second, addresses for non-published customers may be used for verification purposes. If a caller provides the address for a requested listing, CLEC may verify the listing by matching the caller-provided address with the address in CLEC's dates. CLEC may not provide the address information of a requested listing of a non-published subscriber to a caller under any circumstances. CLEC can notify the customer that the requested listing is non-published.

3. ASSIGNMENT

3.1 The directory assistance listing information shall remain the property of **SBC-ILEC**. The CLEC shall not sublicense, assign, sell or transfer the directory assistance listing information licensed hereunder, nor shall CLEC authorize any other company or any person to use the directory assistance listing information for any other purpose. CLEC shall take appropriate measures to guard against any unauthorized use of the listings provided to it hereunder (at least the same measures it takes to protect its own listings from unauthorized use), whether by CLEC, its agents, employees or others.

4. BREACH OF CONTRACT

4.1 In the event a Party is found to have materially breached this Appendix, such breach shall be remedied immediately and the non-breaching Party shall have the right to terminate the breaching party's license, without terminating its own rights hereunder, upon fourteen (14) calendar days notice, until the other Party's breach is remedied. Further should CLEC breach this agreement, it shall immediately cease use of **SBC-ILEC**'s directory assistance listing information.

5. LIABILITY

5.1 **SBC-ILEC** makes no express or implied warranties whatsoever regarding the accuracy of the directory assistance listing information provided to CLEC. CLEC agrees to accept the directory assistance listing information on an "as-is" basis with all faults, errors and omissions, if any. **SBC-ILEC** makes no warranty, expressed or implied, with respect to any listings or the information contained therein, including but not limited to warranties for merchantability or fitness for a particular purpose.

5.2 CLEC hereby releases **SBC-ILEC** from any and all liability for damages due to errors or omissions in the directory assistance listing information provided under this Appendix, or by reason of delay in providing the directory assistance listing information, including, but not limited to, special, indirect, consequential, punitive or incidental damages.

5.3 CLEC shall indemnify, protect, save harmless and defend **SBC-ILEC** (or **SBC-ILEC**'s officers, employees, agents, assigns and representatives) from and against any and all losses, liability, damages and expense arising out of any demand, claim, suit or judgment by a third party in any way related to **SBC-ILEC** Appendix, and every interconnection, service and network element provided hereunder, shall be subject to all rates, terms and conditions contained in this Agreement or any other appendices or attachments to this Agreement which are supplying directory assistance listing information, or any actual error or omission. CLEC shall so indemnify regardless of whether the demand, claim or suit by the third party is brought jointly against CLEC and **SBC-ILEC**, and/or against **SBC-ILEC** alone. However, if such demand, claim or suit specifically alleges that an error or omission appears in DA listing information, **SBC-ILEC** may, at its option, assume and undertake its own defense, or assist in the defense of CLEC, in which event CLEC shall reimburse **SBC-ILEC** for reasonable attorney's fees and other expenses incurred by it in handling and defending such demand, claim and/or suit. CLEC shall not enter into any settlement of any such demand, claim or suit without the prior written consent of **SBC-ILEC**.

6. TERM OF APPENDIX

6.1 This Appendix will continue in force for the length of the Interconnection Agreement, but no less than twelve (12) months. At the expiration of the term of the Interconnection Agreement to which this Appendix is attached, or twelve (12) months, whichever occurs later either Party may terminate this Appendix upon one hundred-twenty (120) calendar day's written notice to the other 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.

ATTACHMENT "A"

(Listings are extracted by WPDC and listed by the Customer Customized Order Below)

State	Directory Name	WPDC	NPA	Res Count	Bus Count	Res/Bus Count	Total Number of Listings

APPENDIX 911

TABLE OF CONTENTS

1. INTRODUCTION....3

2. DEFINITIONS....3

3. SBC-ILEC RESPONSIBILITIES....5

4. CLEC RESPONSIBILITIES....7

5. RESPONSIBILITIES OF BOTH PARTIES....10

6. METHODS AND PRACTICES....10

7. CONTINGENCY....10

8. BASIS OF COMPENSATION....11

9. LIABILITY....11

10. MUTUALITY....12

11. APPLICABILITY OF OTHER RATES, TERMS AND CONDITIONS....12

APPENDIX 911

TERMS AND CONDITIONS FOR PROVIDING CONNECTION TO E911 UNIVERSAL EMERGENCY NUMBER SERVICE

1. INTRODUCTION

1.1 This Appendix sets forth terms and conditions for E911 Service provided by the applicable SBC Communications Inc. (SBC) owned Incumbent Local Exchange Carrier (ILEC) and 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, Nevada Bell Telephone Company, The Ohio Bell Telephone Company, Pacific Bell Telephone Company, The Southern New England Telephone Company, Southwestern Bell Telephone Company and/or Wisconsin Bell, Inc. d/b/a Ameritech Wisconsin.

1.3 As used herein, **SBC-ILEC** means the applicable above listed ILEC doing business in Arkansas, California, Connecticut, Illinois, Indiana, Kansas, Michigan, Missouri, Nevada, Ohio, Oklahoma, Texas, and Wisconsin.

1.4 As used herein, **SBC-AMERITECH** means the applicable above listed ILEC doing business in Illinois, Indiana, Michigan, Ohio, and Wisconsin.

1.5 As used herein, **SBC-PACIFIC** means the applicable above listed ILEC doing business in California.

1.6 As used herein, **SBC-NEVADA** means the applicable above listed ILEC doing business in Nevada.

1.7 The prices at which **SBC-ILEC** agrees to provide CLEC with E911 Service are contained in the applicable Appendix Pricing and/or the applicable Commissioned ordered tariff where stated.

2. DEFINITIONS

2.1 **"911 Trunk"** means a trunk capable of transmitting Automatic Number Identification (ANI) associated with a call to 911 from CLEC's End Office to the E911 system.

2.2 **"Automatic Location Identification" or "ALI"** means the automatic display at the PSAP of the caller's telephone number, the address/location of the telephone and, in some cases, supplementary emergency services information.

2.3 **"Automatic Number Identification" or "ANI"** means the telephone number associated with the access line from which a call to 911 originates.

2.4 **"Company Identifier" or "Company ID"** means a three to five (3 to 5) character identifier chosen by the Local Exchange Carrier that distinguishes the entity providing dial tone to the End-User. The Company Identifier is maintained by NENA in a nationally accessible database.

2.5 **"Database Management System" or "DBMS"** means a system of manual procedures and computer programs used to create, store and update the data required to provide Selective Routing and/or Automatic Location Identification for 911 systems.

2.6 **"E911 Customer"** means a municipality or other state or local government unit, or an authorized agent of one or more municipalities or other state or local government units to whom authority has been lawfully delegated to respond to public emergency telephone calls, at a minimum, for emergency police and fire services through the use of one telephone number, 911.

2.7 **"E911 Universal Emergency Number Service" (also referred to as "Expanded 911 Service" or "Enhanced 911 Service")** or **"E911 Service"** means a telephone exchange communications service whereby a public safety answering point (PSAP) answers telephone calls placed by dialing the number 911. E911 includes the service provided by the lines and equipment associated with the service arrangement for the answering, transferring, and dispatching of public emergency telephone calls dialed to 911. E911 provides completion of a call to 911 via dedicated trunking facilities and includes Automatic Number Identification (ANI), Automatic Location Identification (ALI), and/or Selective Routing (SR).

2.8 **"Emergency Services"** means police, fire, ambulance, rescue, and medical services.

2.9 **"Emergency Service Number" or "ESN"** means a three to five digit number representing a unique combination of emergency service agencies (Law Enforcement, Fire, and Emergency Medical Service) designated to serve a specific range of addresses within a particular geographical area. The ESN facilitates selective routing and selective transfer, if required, to the appropriate PSAP and the dispatching of the proper service agency(ies).

2.10 **"National Emergency Number Association" or "NENA"** means the National Emergency Number Association is a not-for-profit corporation established in

1982 to further the goal of "One Nation-One Number". NENA is a networking source and promotes research, planning, and training. NENA strives to educate, set standards and provide certification programs, legislative representation and technical assistance for implementing and managing 911 systems.

2.11 **"Public Safety Answering Point" or "PSAP"** means an answering location for 911 calls originating in a given area. The E911 Customer may designate a PSAP as primary or secondary, which refers to the order in which calls are directed for answering. Primary PSAPs answer calls; secondary PSAPs receive calls on a transfer basis. PSAPs are public safety agencies such as police, fire, emergency medical, etc., or a common bureau serving a group of such entities.

2.12 **"Selective Routing" and "Selective Router" or "SR"** means the routing and equipment used to route a call to 911 to the proper PSAP based upon the number and location of the caller. Selective routing is controlled by an ESN, which is derived from the location of the access line from which the 911 call was placed.

3. SBC-ILEC RESPONSIBILITIES

3.1 **SBC-ILEC** shall provide and maintain such equipment at the E911 SR and the DBMS as is necessary to perform the E911 services set forth herein when **SBC-ILEC** is the 911 Service Provider. **SBC-ILEC** shall provide 911 Service to CLEC as described this section in a particular Rate Center in which CLEC is authorized to provide local telephone exchange service and **SBC-ILEC** is the 911 Service Provider. This shall include the following:

3.2 Call Routing

3.2.1 **SBC-ILEC** will transport 911 calls from each CLEC point of interconnection (POI) to the SR office of the E911 system, where **SBC-ILEC** is the 911 Service Provider.

3.2.2 **SBC-ILEC** will switch 911 calls through the SR to the designated primary PSAP or to designated alternate locations, according to routing criteria specified by the PSAP.

SBC-ILEC will forward the calling party number (ANI) it receives from CLEC and the associated 911 Address Location Identification (ALI) to the PSAP for display. If no ANI is forwarded by CLEC, **SBC-ILEC** will forward an Emergency Service Central Office (ESCO) identification code for display at the PSAP. If ANI is forwarded by the CLEC, but no ANI record is found in the E911 DBMS, **SBC-13-STATE** will report this "No Record Found" condition to the CLEC in accordance with NENA standards.

3.3 Facilities and Trunking

3.3.1 **SBC-ILEC** shall provide and maintain sufficient dedicated E911 trunks from **SBC-ILEC**'s SR to the PSAP of the E911 Customer, according to provisions of the appropriate state Commission-approved tariff and documented specifications of the E911 Customer.

3.3.2 **SBC-ILEC** will provide facilities to interconnect the CLEC, as specified in the local state tariff. Additionally, when diverse facilities are requested by CLEC, **SBC-ILEC** will provide such diversity where technically feasible, at standard local state tariff rates.

3.3.3 Upon written request by CLEC, **SBC-ILEC** shall, in a timely fashion, provide CLEC with a description of the geographic area (or Rate Center) and PSAPs served by the E911 SR based upon the standards set forth in the May 1997 NENA Recommended Standards for Local Service Provider Interconnection Information Sharing, or any subsequent revision(s) thereto.

3.3.4 **SBC-ILEC** and CLEC will cooperate to promptly test all trunks and facilities between CLEC's network and the **SBC-ILEC** SR(s).

3.4 Database

3.4.1 Where **SBC-ILEC** manages the E911 database, **SBC-ILEC** shall store the CLEC's End User 911 Records [that is, the name, address, and associated telephone number(s) for each of CLEC's End Users served by CLEC's exchange(s)] in the electronic data processing database for the E911 DBMS. CLEC or its representative(s) is responsible for electronically providing End User 911 Records and updating this information.

3.4.2 **SBC-ILEC** shall coordinate access to the **SBC-ILEC** E911 DBMS for the initial loading and updating of CLEC End User 911 Records.

3.4.3 **SBC-ILEC**'s ALI database shall accept electronically transmitted files that are based upon NENA standards. Manual entry shall be allowed only in the event that DBMS is not functioning properly.

3.4.4 **SBC-ILEC** will update CLEC's End User 911 Records in the E911 DBMS. **SBC-ILEC** will then provide CLEC an error and status report. This report will be provided in a timely fashion and in accordance with the methods and procedures described in the documentation to be provided to the CLEC.

3.4.5 **SBC-ILEC** shall provide the CLEC with a file containing the Master Street Address Guide (MSAG) for the CLEC's respective exchanges or communities. The MSAG will be provided on a routine basis but only for

those areas where CLEC is authorized to do business as a local exchange service provider and **SBC-ILEC** is the 911 service provider.

3.4.6 Where **SBC-ILEC** manages the DBMS, **SBC-ILEC** shall establish a process for the management of NPA splits by populating the DBMS with the appropriate NPA codes.

4. CLEC RESPONSIBILITIES

4.1 Call Routing

4.1.1 CLEC will transport 911 calls from each point of interconnection (POI) to the **SBC-ILEC** SR office of the E911 system, where **SBC-ILEC** is the 911 Service Provider.

4.1.2 CLEC will forward the ANI information of the party calling 911 to the **SBC-ILEC** 911 Selective Router.

4.2 Facilities and Trunking

4.2.1 CLEC shall provide interconnection with each **SBC-ILEC** 911 Selective Router that serves the exchange areas in which CLEC is authorized to and will provide telephone exchange service.

4.2.2 CLEC acknowledges that its End Users in a single local calling scope may be served by different SRs and CLEC shall be responsible for providing facilities to route 911 calls from its End Users to the proper E911 SR.

4.2.3 CLEC shall provide a minimum of two (2) one-way outgoing E911 trunk(s) dedicated for originating 911 emergency service calls from the point of interconnection (POI) to each **SBC-ILEC** 911 Selective Router, where applicable. Where SS7 connectivity is available and required by the applicable 911 Customer, the Parties agree to implement Common Channel Signaling trunking rather than CAMA MF trunking.

4.2.4 In **SBC-AMERITECH** only, the CLEC is responsible for providing a separate 911 trunk group for each county or other geographic area that it serves if the 911 Customer for such county or geographic area has a specified varying default routing condition. In addition, 911 traffic originating in one (1) NPA (area code) must be transmitted over a separate 911 trunk group from 911 traffic originating in any other NPA (area code) 911.

4.2.5 CLEC shall maintain transport capacity sufficient to route traffic over trunks between the CLEC switch and the **SBC-ILEC** SR.

4.2.6 CLEC shall provide sufficient trunking and facilities to route CLEC's originating 911 calls to the designated **SBC-ILEC** 911 SR. CLEC is responsible for requesting that trunking and facilities be routed diversely for 911 connectivity.

4.2.7 CLEC is responsible for determining the proper quantity of trunks and facilities from its switch(es) to the **SBC-ILEC** 911 SR.

4.2.8 CLEC shall engineer its 911 trunks to attain a minimum P.01 grade of service as measured using the "busy day/busy hour" criteria or, if higher, at such other minimum grade of service as required by Applicable Law or duly authorized Governmental Authority.

4.2.9 CLEC shall monitor its 911 circuits for the purpose of determining originating network traffic volumes. If CLEC's traffic study indicates that additional circuits are needed to meet the current level of 911 call volumes, CLEC shall request additional circuits from **SBC-ILEC**.

4.2.10 CLEC will cooperate with **SBC-ILEC** to promptly test all 911 trunks and facilities between CLEC's network and the **SBC-ILEC** 911 Selective Router(s) to assure proper functioning of 911 service. CLEC agrees that it will not pass live 911 traffic until successful testing is completed by both parties.

4.2.11 CLEC is responsible for the isolation, coordination and restoration of all 911 network maintenance problems to CLEC's demarcation (for example, collocation). **SBC-ILEC** will be responsible for the coordination and restoration of all 911 network maintenance problems beyond the demarcation (for example, collocation). CLEC is responsible for advising **SBC-ILEC** of the circuit identification and the fact that the circuit is a 911 circuit when notifying **SBC-ILEC** of a failure or outage. The Parties agree to work cooperatively and expeditiously to resolve any 911 outage. **SBC-ILEC** will refer network trouble to CLEC if no defect is found in **SBC-ILEC**'s 911 network. The Parties agree that 911 network problem resolution will be managed expeditiously at all times.

4.3 Database

4.3.1 Once E911 trunking has been established and tested between CLEC's End Office and all appropriate SR, CLEC or its representatives shall be responsible for providing CLEC's End User 911 Records to **SBC-ILEC** for inclusion in **SBC-ILEC**'s DBMS on a timely basis. **SBC-ILEC** and CLEC shall arrange for the automated input and periodic updating of CLEC's End User 911 Records.

4.3.2 CLEC or its agent shall provide initial and ongoing updates of CLEC's End User 911 Records that are MSAG-valid in electronic format based upon established NENA standards.

4.3.3 CLEC shall adopt use of a Company ID on all CLEC End User 911 Records in accordance with NENA standards. The Company ID is used to identify the carrier of record in facility configurations.

4.3.4 CLEC is responsible for providing **SBC-ILEC** updates to the ALI database; in addition, CLEC is responsible for correcting any errors that may occur during the entry of their data to the **SBC-ILEC** 911 DBMS.

4.3.5 The CLEC shall reimburse **SBC-ILEC** for any additional database charges incurred by **SBC-ILEC** for errors in ALI data updates caused by CLEC or its third-party agent.

4.3.6 CLEC shall be solely responsible for providing test records and conducting call-through testing on all new exchanges.

4.4 Other

4.4.1 CLEC is responsible for collecting from its End Users and remitting to the appropriate municipality or other governmental entity any applicable 911 surcharges assessed on the local service provider and/or End Users by any municipality or other governmental entity within whose boundaries the CLEC provides local exchange service.

5. RESPONSIBILITIES OF BOTH PARTIES

5.1 Jointly coordinate the provisioning of transport capacity sufficient to route originating 911 calls from the CLEC's POI to the designated **SBC-ILEC** 911 Selective Router(s).

6. METHODS AND PRACTICES

6.1 With respect to all matters covered by this Appendix, each Party will comply with all of the following to the extent that they apply to E911 Service: (i) all FCC and applicable state Commission rules and regulations, (ii) any requirements imposed by any Governmental Authority other than a Commission, (iii) the terms and conditions of **SBC-ILEC**'s Commission-ordered tariff(s) and (iv) the principles expressed in the recommended standards published by NENA.

6.2 **SBC-ILEC** will adhere to the March 1997 NENA recommended Standards for Local Service Providers relating to provision of dedicated trunks from the End User's End Office Switch to **SBC-ILEC**'s Selective Routing. **SBC-ILEC** will only exceed the NENA recommended Minimum Trunking Requirements for such trunks under extenuating circumstances and with the prior written approval of the public safety entity that is the E911 Customer as defined in Section 2.6.

7. CONTINGENCY

7.1 The terms and conditions of this Appendix represent a negotiated plan for providing E911 Service.

7.2 The Parties agree that the E911 Service is provided for the use of the E911 Customer, and recognize the authority of the E911 Customer to establish service specifications and grant final approval (or denial) of service configurations offered by **SBC-ILEC** and CLEC. These specifications shall be documented in Exhibit I, CLEC Serving Area Description and E911 Interconnection Details. CLEC shall complete its portion of Exhibit I and submit it to **SBC-ILEC** not later than forty-five (45) days prior to the passing of live traffic. **SBC-ILEC** shall complete its portion of Exhibit I and return Exhibit I to CLEC not later than thirty (30) days prior to the passing of live traffic.

7.3 CLEC must obtain documentation of approval of the completed Exhibit I from the appropriate E911 Customer(s) that have jurisdiction in the area(s) in which CLEC's End Users are located CLEC shall provide documentation of all requisite approval(s) to **SBC-ILEC** prior to use of CLEC's E911 connection for actual emergency calls.

7.4 Each Party has designated a representative who has the authority to complete additional Exhibit(s) I to this Appendix when necessary to accommodate

expansion of the geographic area of CLEC into the jurisdiction of additional PSAP(s) or to increase the number of CAMA trunks. CLEC must obtain approval of each additional Exhibit I, as set forth in Section 7.2, and shall furnish documentation of all requisite approval(s) of each additional Exhibit I in accordance with Section 7.2.

7.5 In **PACIFIC**, **NEVADA**, and **SBC-AMERITECH**; the state specific forms shall be submitted in lieu of the Exhibit 1 referenced in Sections 7.1, 7.2 and 7.4 hereof.

8. BASIS OF COMPENSATION

8.1 Rates for access to E911 Services are set forth in **SBC-ILEC**'s Appendix Pricing or applicable state Commission-approved tariff.

8.2 Charges shall begin on the date that E911 Service is turned on for live traffic.

9. LIABILITY

9.1 **SBC-ILEC**'s liability and potential damages, if any, for its gross negligence, recklessness or intentional misconduct, is not limited by any provision of this Appendix. **SBC-ILEC** shall not be liable to CLEC, its End Users or its E911 calling parties or any other parties or persons for any Loss arising out of the provision of E911 Service or any errors, interruptions, defects, failures or malfunctions of E911 Service, including any and all equipment and data processing systems associated therewith. Damages arising out of such interruptions, defects, failures or malfunctions of the system after **SBC-ILEC** has been notified and has had reasonable time to repair, shall in no event exceed an amount equivalent to any charges made for the service affected for the period following notice from CLEC until service is restored.

9.2 CLEC's liability and potential damages, if any, for its gross negligence, recklessness or intentional misconduct is not limited by any provision of this Appendix. In the event CLEC provides E911 Service to **SBC-ILEC**, CLEC shall not be liable to **SBC-ILEC**, its End Users or its E911 calling parties or any other parties or persons for any Loss arising out of the provision of E911 Service or any errors, interruptions, defects, failures or malfunctions of E911 Service, including any and all equipment and data processing systems associated therewith. Damages arising out of such interruptions, defects, failures or malfunctions of the system after CLEC has been notified and has had reasonable time to repair, shall in no event exceed an amount equivalent to any charges made for the service affected for the period following notice from **SBC-ILEC** until service is restored.

9.3 CLEC agrees to release, indemnify, defend and hold harmless **SBC-ILEC** from any and all Loss arising out of **SBC-ILEC**'s provision of E911 Service hereunder

or out of CLEC's End Users' use of the E911 Service, whether suffered, made, instituted or asserted by CLEC, its End Users, or by any other parties or persons, for any personal injury or death of any person or persons, or for any loss, damage or destruction of any property, whether owned by CLEC, its End Users or others, unless the act or omission proximately causing the Loss constitutes gross negligence, recklessness or intentional misconduct of **SBC-ILEC**.

9.4 CLEC also agrees to release, indemnify, defend and hold harmless **SBC-ILEC** from any and all Loss involving an allegation of the infringement or invasion of the right of privacy or confidentiality of any person or persons, caused or claimed to have been caused, directly or indirectly, by the installation, operation, failure to operate, maintenance, removal, presence, condition, occasion or use of the E911 Service features and the equipment associated therewith, including by not limited to the identification of the telephone number, address or name associated with the telephone used by the party or parties accessing E911 Service provided hereunder, unless the act or omission proximately causing the Loss constitutes the gross negligence, recklessness or intentional misconduct of **SBC-ILEC**.

10. MUTUALITY

10.1 CLEC agrees that to the extent it offers the type of services covered by this Appendix to any company, that should **SBC-ILEC** request such services, CLEC will provide such services to **SBC-ILEC** under terms and conditions comparable to the terms and conditions contained in this Appendix.

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.

APPENDIX FCC MERGER CONDITIONS

TABLE OF CONTENTS

1. MERGER CONDITIONS 3

2. DEFINED TERMS; DATES OF REFERENCE 4

3. DISCOUNTED SURROGATE LINE SHARING CHARGES 4

4. OSS: CHANGE MANAGEMENT PROCESS 5

5. OSS: ELIMINATION OF CERTAIN FLAT-RATE MONTHLY CHARGES 5

6. ADVANCED SERVICES OSS DISCOUNTS 6

7. PROMOTIONAL DISCOUNTS ON UNBUNDLED LOCAL LOOPS USED FOR RESIDENTIAL SERVICES 6

8. PROMOTIONAL DISCOUNTS ON RESALE 7

9. PROMOTIONAL UNE PLATFORM 7

10. LOOP CONDITIONING CHARGES 9

11. ALTERNATE DISPUTE RESOLUTION 9

12. CONFLICTING CONDITIONS 9

13. SUSPENSION OF CONDITIONS 9

14. UNBUNDLED LOCAL SWITCHING WITH INTERIM SHARED TRANSPORT 10

15. PROMOTIONAL PAYMENT PLAN FOR UNE AND RESALE–OHIO AND ILLINOIS ONLY 14

APPENDIX MERGER CONDITIONS

1. MERGER CONDITIONS

1.1 For purposes of this Appendix only **SBC-ILEC** is defined as one of the following ILECs as appropriate to the underlying Agreement (without reference to this Appendix) in those geographic areas where the referenced SBC owned Company is the ILEC: 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 Company, and/or Wisconsin Bell, Inc. d/b/a Ameritech Wisconsin.

1.1.1 As used herein, **SBC-AMERITECH** means the applicable listed ILEC(s) doing business in Illinois, Indiana, Michigan, Ohio and Wisconsin

1.1.2 As used herein, **SBC-ILEC** means an ILEC doing business in Arkansas, California, Connecticut, Illinois, Indiana, Kansas, Michigan, Missouri, Nevada, Ohio, Oklahoma, Texas and Wisconsin.

1.1.3 As used herein, **SBC-8STATE** means an ILEC doing business in Arkansas, California, Connecticut, Kansas, Missouri, Nevada, Oklahoma, Texas.

1.2 **SBC-ILEC** will provide to CLEC certain items as set out in the Conditions for FCC Order Approving **SBC/Ameritech** Merger, CC Docket No. 98-141 (FCC Merger Conditions), including certain carrier-to-carrier promotions for use by CLEC to provision local service to residential end user customers on terms and conditions described in the FCC Merger Conditions, an alternative dispute resolution ("ADR") process designed to resolve carrier-to-carrier disputes before such disputes become formal complaints before the Commission and other items as specified herein.

1.3 The Parties agree to abide by and incorporate by reference into this Appendix the FCC Merger Conditions.

1.4 This Appendix terminates the earlier of (1) the date this Agreement itself terminates without reference to this Appendix or (2) the date **SBC-ILEC** obligations cease under the FCC Merger Conditions

2. DEFINED TERMS; DATES OF REFERENCE

2.1 Unless otherwise defined in this Appendix, capitalized terms shall have the meanings assigned to such terms in the Agreement without reference to this Appendix and in the FCC Merger Conditions.

2.2 For purposes of calculating the intervals set forth in the FCC Merger Conditions concerning carrier to carrier promotions:

2.2.1 the Merger Closing Date is October 8, 1999; and

2.2.2 the Offering Window begins November 7, 1999.

2.3 "FCC Merger Conditions" means the Conditions for FCC Order Approving SBC/Ameritech Merger, CC Docket No. 98-141.

3. DISCOUNTED SURROGATE LINE SHARING CHARGES

3.1 Pursuant to the terms and conditions, at the times specified, and in the geographic areas identified all as set out in section 14 of the FCC Merger Conditions, and subject to CLEC's qualification and compliance with the provisions of the FCC Merger Conditions, **SBC-ILEC** will provide unbundled local loops to CLEC for the purpose of providing Advanced Services (such as ADSL) where such loops are not used to also provide voice grade services and all other provisions in the FCC Merger Conditions are met at 50% of the lowest monthly recurring charge, 50% of the lowest non-recurring line or service connection charge, and 100% of the lowest non-recurring service order charges (i.e. there is no discount for service order charges) for the unbundled local loop then effective that has been established by the state commission pursuant to 252(d)(1) of the Act.

3.2 If CLEC does not qualify to order the unbundled local loops for the purpose of providing Advanced Services (such as ADSL) as set forth in the FCC Merger Conditions, **SBC-ILEC**'s provision, if any, and CLEC's payment for unbundled Local Loops for the purpose of providing Advanced Services (such as ADSL) shall continue to be governed by the terms currently contained in this Agreement without reference to this Appendix. Unless **SBC-ILEC** receives thirty (30) days advance written notice with instructions to terminate the discounted surrogate line sharing charges or to convert such line to an available alternative arrangement provided by **SBC-ILEC**, then upon expiration of any discounted surrogate line sharing charges, the line shall automatically convert to an appropriate **SBC-ILEC** product/service offering pursuant to the terms and conditions of the Agreement or, in the absence of terms and conditions in the Agreement, the applicable tariff. Where there are no terms for such offering in the Agreement without reference to this Appendix and there is no applicable tariff, the Parties shall meet within 30 days of a written request to negotiate mutually acceptable rates, terms and

conditions that shall apply retroactively. If the Parties are unable to reach agreement within 60 days of the written request to negotiate, any outstanding disputes shall be handled in accordance with the Dispute Resolution procedures in the Agreement.

4. OSS: CHANGE MANAGEMENT PROCESS

4.1 Upon request by CLEC, within one month of the Merger Closing Date, **SBC-ILEC** and CLEC shall begin to negotiate along with other interested CLECs a uniform change management process for implementation in the **SBC-ILEC** Service-Area to the extent required by paragraph 32 of the FCC Merger Conditions. For purposes of this Paragraph, "change management process" means the documented process that **SBC-ILEC** and the CLECs follow to facilitate communication about OSS changes, new interfaces and retirement of old interfaces, as well as the implementation timeframes; which includes such provisions as a 12-month developmental view, release announcements, comments and reply cycles, joint testing processes and regularly scheduled change management meetings. **SBC-ILEC** will follow the uniform change management process agreed upon with interested CLECs.

5. OSS: ELIMINATION OF CERTAIN FLAT-RATE MONTHLY CHARGES

5.1 Effective with the first billing cycle that begins after the Merger Closing date, **SBC-ILEC** hereby eliminates in the **SBC-ILEC** Service Area, on a going-forward basis, all flat-rate monthly charges for access to the Remote Access Facility and the Information Services Call Center. The intent of this Paragraph is to eliminate the flat-rate monthly charges (amounting to approximately $3600 per month per CLEC per State) that **SBC-ILEC** charged CLECs prior to the Merger Closing Date. Effective with the first billing cycle that begins after the Merger Closing date, **SBC-ILEC** also hereby eliminates in the **SBC-ILEC** Service Area, on a going-forward basis, any flat-rate monthly charges for access to standard, non-electronic order processing facilities that are used for orders of 30 lines or less. This Paragraph does not limit **SBC-ILEC** 's right to charge CLEC for the cost of processing service orders received by electronic or non-electronic means, whether on an electronic or non-electronic basis; to charge CLEC for the cost of providing loop make-up information, or to recover the costs of developing and providing OSS through the pricing of UNEs or resold services, in accordance with applicable federal and state pricing requirements

6. ADVANCED SERVICES OSS DISCOUNTS

6.1 **SBC-ILEC** will, subject to CLEC's qualification and compliance with the provisions of the FCC Merger Conditions, provide CLEC a discount of 25% from recurring and nonrecurring charges (including 25% from the Surrogate Line Sharing Charges, if applicable) that otherwise would be applicable for unbundled local loops used to provide Advanced Services in the same relevant geographic area under the conditions and for the period of time outlined in the FCC Merger Conditions.

6.2 If CLEC does not qualify for the promotional unbundled Local Loop discounts set forth in the FCC Merger Conditions, **SBC-ILEC**'s provision, if any, and CLEC's payment for unbundled Local Loops shall continue to be governed by the terms currently contained in this Agreement without reference to this Appendix. Unless **SBC-ILEC** receives thirty (30) days advance written notice with instructions to terminate loops used to provide Advanced Services or to convert such loops to an available alternative service provided by **SBC-ILEC**, then upon expiration of discounts for loops used to provide Advanced Services, the loops shall automatically convert to an appropriate **SBC-ILEC** product/service offering pursuant to the terms and conditions of the Agreement without reference to this Appendix or, in the absence of terms and conditions in the Agreement, the applicable tariff. Where there are no terms for such offering in the Agreement without reference to this Appendix and there is no applicable tariff, the Parties shall meet within 30 days of a written request to do so to negotiate mutually acceptable rates, terms and conditions that shall apply retroactively. If the Parties are unable to reach agreement within 60 days of the written request to negotiate, any outstanding disputes shall be handled in accordance with the Dispute Resolution procedures in the Agreement.

7. PROMOTIONAL DISCOUNTS ON UNBUNDLED LOCAL LOOPS USED FOR RESIDENTIAL SERVICES

7.1 **SBC-ILEC** will provide CLEC access to unbundled 2-Wire Analog Loop(s) for use by CLEC in providing local service to residential end user customers at the rates and on the terms and conditions set forth in the FCC Merger Conditions for the period specified therein. Such provision of loops is subject to CLEC's qualification and compliance with the provisions of the FCC Merger Conditions.

7.2 If CLEC does not qualify for the promotional unbundled Loop discounts set forth in the FCC Merger Conditions, **SBC-ILEC** 's provision, if any, and CLEC's payment for unbundled Loops shall continue to be governed by Appendix UNE as currently contained in this Agreement without reference to this Appendix. Unless **SBC-ILEC** receives thirty (30) days advance written notice with instructions to terminate the unbundled Local Loop provided with the Promotional Discount or to convert such service to an available alternative service provided by **SBC-**

ILEC, then upon expiration of the Promotional Discount for any unbundled Local Loop, the loop shall automatically convert to an appropriate **SBC-ILEC** product/service offering pursuant to the terms and conditions of the Agreement without reference to this Appendix or, in the absence of terms and conditions in the Agreement, the applicable tariff. Where there are no terms for such offering in the Agreement without reference to this Appendix and there is no applicable tariff, the Parties shall meet within 30 days of a written request to do so to negotiate mutually acceptable rates, terms and conditions that shall apply retroactively. If the Parties are unable to reach agreement within 60 days of the written request to negotiate, any outstanding disputes shall be handled in accordance with the Dispute Resolution procedures in the Agreement.

8. PROMOTIONAL DISCOUNTS ON RESALE

8.1 **SBC-ILEC** will provide CLEC promotional resale discounts on telecommunications services that **SBC-ILEC** provides at retail to subscribers who are not telecommunications carriers, where such services are resold to residential end user customers at the rates and on the terms and conditions set forth in the FCC Merger Conditions for the period specified therein. Such provision of promotional resale discounts is subject to CLEC's qualification and compliance with the provisions of the FCC Merger Conditions.

8.2 If CLEC does not qualify for the promotional resale discounts set forth in the FCC Merger Conditions, **SBC-ILEC** 's provision, if any, and CLEC's payment for promotional resale discounts shall continue to be governed by Appendix Resale as currently contained in the Agreement without reference to this Appendix. Unless SBC receives thirty (30) days advance written notice with instructions to terminate service provided via a Promotional discount on resale or to convert such service to an available alternative service provided by **SBC-ILEC**, then upon expiration of any Promotional discount, the service shall automatically convert to an appropriate **SBC-ILEC** product/service offering pursuant to the terms and conditions of the Agreement or, in the absence of terms and conditions in the Agreement, the applicable tariff. Where there are no terms for such offering in the Agreement without reference to this Appendix and there is no applicable tariff, the Parties shall meet within 30 days of a written request to do so to negotiate mutually acceptable rates, terms and conditions that shall apply retroactively. If the Parties are unable to reach agreement within 60 days of the written request to negotiate, any outstanding disputes shall be handled in accordance with the Dispute Resolution procedures in the Agreement.

9. PROMOTIONAL UNE PLATFORM

9.1 **SBC-ILEC** will provide to CLEC, at the rates, terms and conditions and for the period of time contained in the FCC Merger Conditions, promotional end-to-end combinations of UNEs (the “promotional UNE platform”) to enable CLEC to

provide residential POTS service and residential Basic Rate Interface ISDN service. The promotional UNE platform may be used to provide exchange access services in combination with these services. For purposes of this Paragraph, the promotional UNE platform is a combination of all network elements used to provide residential POTS service and residential Basic Rate Interface ISDN service and available under FCC Rule 51.319, as in effect on January 24, 1999. When **SBC-ILEC** provides the promotional UNE platform, CLEC will pay a sum equal to the total of the charges (both recurring and nonrecurring) for each individual UNE and cross connect in the existing assembly. Where a new assembly is required, CLEC will pay an additional charge to compensate **SBC-ILEC** for creating such new assembly. The assembly charge will be established pursuant to section 252(d)(1) of the Telecommunications Act by agreement of the parties or by the appropriate state commission. Should CLEC's order require an assembly charge prior to establishment of such charge, **SBC-ILEC** will bill and CLEC will pay after such charge is established. Provision of the promotional UNE platform is subject to CLEC's qualification and compliance with the provisions of the FCC Merger Conditions.

9.2 If CLEC does not qualify for the promotional UNE platform set forth in the FCC Merger Conditions, or if the promotional UNE platform is no longer available for any reason, **SBC-ILEC**'s provision and CLEC's payment for the new or embedded base customers' unbundled network elements, cross connects or other items, and combining charges, if any, used in providing the promotional UNE platform shall be governed by the rates, terms, and conditions as currently contained in the Agreement without reference to this Appendix. Should such provisions not be contained in the Agreement without reference to this Appendix, **SBC-ILEC**'s provision and CLEC's payment will be at the price level of an analogous resale service or the applicable tariff. Where there are no terms for an analogous resale service in the Agreement without reference to this Appendix and there is no applicable tariff, the Parties shall meet within 30 days of a written request to do so to negotiate mutually acceptable rates, terms and conditions that shall apply retroactively. If the Parties are unable to reach agreement within 60 days of the written request to negotiate, any outstanding disputes shall be handled in accordance with the Dispute Resolution procedures in the Agreement.

9.3 Notwithstanding 9.1 and 9.2 above, **SBC-AMERITECH** shall provide a Promotional UNE Platform which shall consist of a) an Unbundled Local Loop; and b) Unbundled Local Switching with Interim Shared Transport, both as defined and offered in this Agreement. The Promotional UNE Platform shall consist of the functionality provided by: 1) an Unbundled Local Loop and 2) ULS-IST purchased under the provisions of this Amendment (and not from any other source). If the unbundled Local Loop offering or the ULS-IST offering in this Amendment changes, the Promotional UNE Platform will automatically change to the same extent.

9.3.1 **SBC-AMERITECH** will provide The Promotional UNE Platform in accordance with the terms and conditions as listed on the "Combined Platform Offering" Unbundling Elements Ordering Guide document on **SBC-AMERITECH**'s TCNet.

10. LOOP CONDITIONING CHARGES

10.1 In accordance with paragraph 21 of the FCC Merger Conditions **SBC-ILEC** will provide to CLEC at the rates, terms and conditions and for the period of time contained in the FCC Merger Conditions conditioning services for xDSL loops for purposes of CLEC providing Advanced Services (as that term is defined in the FCC Merger Conditions). Such conditioning services will be provided subject to true up as set out in paragraph 21. CLEC will identify to **SBC-ILEC** the rate to be charged subject to true-up not less than 30 days before ordering xDSL loop conditioning to which said rate will apply. During this interim period and subject to true-up, unbundled loops of less than 12,000 feet (based on theoretical loop length) that could be conditioned to meet the minimum requirements defined in the associated **SBC-ILEC** technical publications through the removal of load coils, bridged taps, and/or voice grade repeaters will be conditioned at no charge. Where **SBC-ILEC** identifies conditioning (with associated conditioning charges) that is necessary for an unbundled loop ordered by CLEC to a provide Advanced Services, **SBC-ILEC** will obtain CLEC's authorization to perform, and agreement to pay for, each type of conditioning before proceeding with any conditioning work.

11. ALTERNATE DISPUTE RESOLUTION

11.1 In addition to the foregoing, upon CLEC's request, the Parties shall adhere to and implement, as applicable, the Alternative Dispute Resolution guidelines and procedures described in the FCC Merger Conditions including Attachment D.

12. CONFLICTING CONDITIONS

12.1 If any of the FCC Merger Conditions in this Appendix and conditions imposed in connection with the merger under state law grant similar rights against **SBC-ILEC**, CLEC shall not have a right to invoke the relevant terms of these FCC Merger Conditions in this Appendix if CLEC has invoked substantially related conditions imposed on the merger under state law in accordance the FCC Merger Conditions.

13. SUSPENSION OF CONDITIONS

13.1 If the FCC Merger Conditions are overturned or any of the provisions of the FCC Merger Conditions that are incorporated herein by reference are amended or modified as a result of any order or finding by the FCC, a court of competent

jurisdiction or other governmental and/or regulatory authority, any impacted promotional discounts and other provision described in this Appendix shall be automatically and without notice suspended as of the date of such termination or order or finding and shall not apply to any product or service purchased by CLEC or provisioned by **SBC-ILEC** after the date of such termination or order or finding. Thereafter, **SBC-ILEC** 's continued provision and CLEC's payment for any service or item originally ordered or provided under this Appendix shall be governed by the rates, terms, and conditions as currently contained in the Agreement without reference to this Appendix. In the event that the FCC changes, modifies, adds or deletes any of the FCC Merger Conditions set forth herein, the Parties agree that the FCC's final order controls and takes precedence over the FCC Merger Conditions set forth herein.

14. UNBUNDLED LOCAL SWITCHING WITH INTERIM SHARED TRANSPORT

14.1 The Interim Shared Transport Capability of ULS-IST

14.1.1 Interim Shared Transport capability of ULS-IST refers to all transmission facilities connecting **SBC-AMERITECH**'s switches which can be shared by more than one LEC, including **SBC-AMERITECH**. These facilities include those between **SBC-AMERITECH**'s End Office Switches, between **SBC-AMERITECH**'s End Office Switch and **SBC-AMERITECH**'s Tandem Office Switch, and between **SBC-AMERITECH**'s Tandem Office Switches.

14.1.2 **SBC-AMERITECH** will not require use of dedicated transport or customized routing to complete calls using ULS-IST. **SBC-AMERITECH** will make available a modified version of transiting that does not require a dedicated end office integration ("EOI") transit trunk.

14.1.3 To allow Requesting Carriers, who subscribe to ULS-IST, to originate and complete traffic through **SBC-AMERITECH**'s network to non-**SBC-AMERITECH** switches, **SBC-AMERITECH** provides a transit function ("Interim Shared Transport-Transit"). The Interim Shared Transport-Transit function provided herein will permit Requesting Carrier subscribing to **SBC-AMERITECH**'s ULS-IST to use shared facilities and not dedicated transport between **SBC-AMERITECH**'s Central Offices and other carrier's switches providing local, wireless, or interexchange services.

14.1.4 Therefore, all Requesting Carrier's traffic between **SBC-AMERITECH** switches will utilize Interim Shared Transport and all Requesting Carrier's traffic to non-**SBC-AMERITECH** switches will utilize the transit function of Interim Shared Transport.

14.1.5 The Interim Shared Transport rate will be a blend of Interim Shared Transport and Interim Shared Transport-Transit. **SBC-AMERITECH** reserves the right to establish separate rates for interim Shared Transport and Interim Shared Transport-Transit.

14.1.6 Access to Interim Shared Transport will be provided only though ULS-IST subscribed to by the Requesting Carrier and dedicated to the Requesting Carrier's Customers.

14.1.7 To provide access to ULS-IST, **SBC-AMERITECH** will utilize its existing routing tables contained in **SBC-AMERITECH** switches when Requesting Carrier subscribes to ULS-IST in this Schedule.

14.1.8 If a Requesting Carrier elects to use ULS-IST, then custom routing will not be provided. A Requesting Carrier cannot mix the use of ULS-IST and custom routing within an **SBC-AMERITECH** End Office Switch for local and intraLATA toll traffic. The only exception is when a Requesting Carrier, subscribing to ULS-IST, chooses to custom route its operator services and/or directory assistance calls to dedicated transport bound for its OS/DA provider (including **SBC-AMERITECH**'s telecommunications carrier branded OS/DA Service).

14.2 ULS-IST Rating

14.2.1 **SBC-AMERITECH** will charge Requesting Carrier ULS rates as set forth in the applicable Appendix Pricing.

14.2.2 **SBC-AMERITECH** will also charge a Requesting Carrier using **SBC-AMERITECH**'s ULS-IST a usage-sensitive shared transport rate. The Interim Shared Transport rate is based upon a blend of direct and tandem-routed traffic and either local switch usage at the terminating **SBC-AMERITECH** end office or transiting and applicable termination charges for traffic to a non-**SBC-AMERITECH** end office. **SBC-AMERITECH** will not charge a Telecommunications Carrier using **SBC-AMERITECH**'s local switching for usage at the terminating switch to which the Telecommunications Carrier's traffic is delivered by shared transport facilities. **SBC-AMERITECH** will not create message records for terminating usage under the FCC Conditions.

14.2.2.1 All local and intraLATA traffic is billed from the originating record.

14.2.2.2 Because the originating Telecommunications Carrier is billed for terminating switching, compensation to the terminating carrier is not necessary.

14.2.3 Rating for the Interim Shared Transport capability of ULS-IST will occur in the following manner:

14.2.3.1 The Interim Shared Transport usage rate will apply to all ULS minutes of use.

14.2.3.2 The Interim Shared Transport usage rate has been reduced to account for intraswitch traffic that does not use Interim Shared Transport.

14.2.3.3 The Interim Shared Transport usage rate will apply in addition to the ULS usage charge.

14.2.3.4 The Interim Shared Transport usage rate is based on average transport utilized and average termination costs based on a blend of the following traffic:

14.2.3.4.1 Direct routed traffic terminating to an **SBC-AMERITECH** end office.

14.2.3.4.2 Tandem routed traffic terminating to an **SBC-AMERITECH** end office.

14.2.3.4.3 Direct routed traffic terminating to a non-**SBC-AMERITECH** end office.

14.2.3.4.4 Tandem routed traffic terminating to a non-**SBC-AMERITECH** end office.

14.2.4 The Interim Shared Transport usage charge per minute of use is set forth in the applicable Appendix Pricing.

14.3 Access Charge Settlement Methodology

14.3.1 Where a Customer served by the Requesting Carrier using **SBC-AMERITECH**'s ULS-IST makes or receives intraLATA or interLATA traffic carried by an interexchange carrier ("**IXC**"), **SBC-AMERITECH** will collect its relevant access charges from the interexchange carrier. Based upon originating and terminating usage factors, **SBC-AMERITECH** will then make payment to (or receive payment from) the Requesting Carrier based on the difference between the access charges and the applicable charges for the Network Elements used by the Requesting Carrier to provide the access service.

14.3.2 A factoring approach will be used to reimburse the Requesting Carrier for access usage (originating and terminating). Factoring occurs in the following manner:

14.3.2.1 The statewide aggregate average quantity of both originating and terminating exchange access minutes of use ("MOU") was determined for a ULS-IST Line Port.

14.3.2.2 These MOUs were then multiplied by **SBC-AMERITECH**'s average access rates to generate a credit for access per ULS-IST Line Port.

14.3.2.3 The average originating MOUs were then multiplied by the ULS and Interim Shared Transport usage rates and the terminating MOUs were multiplied by the Interim Shared Transport usage rate. These were totaled to create a debit for use of **SBC-AMERITECH**'s network.

14.3.2.4 The difference between the access credit and the ULS Interim Shared Transport debit will be applied to Requesting Carrier's ULS-IST billing. The adjustment will be made per ULS-IST Line Port on a monthly basis.

14.4 The ULS-IST access credit is set forth in the applicable Appendix Pricing.

14.5 Retroactive True-Up

14.5.1 Upon issuance of a final and non-appealable Order by the Commission that modifies: 1) the Interim Shared Transport MOU rate set forth in ULS-IST section of the Pricing Appendix; and/or 2) the access charge settlement methodology set forth in the ULS-IST section of the Pricing Appendix, the Parties agree to substitute such modified rate or methodology on a prospective basis. In addition, the Parties shall retroactively true-up the amounts the Parties have previously paid and/or received such that each Party receives and/or pays the same level of compensation it would have received and/or paid had the Commission's final and non-appealable order originally applied in lieu of the MOU rate and/or methodology set forth above.

14.5.2 **SBC-AMERITECH** will not be required to provide the retroactive true-up for any period prior to the Agreement Effective Date.

14.6 BLOCKING

14.6.1 Requesting Carrier shall comply with all federal and state requirements to block Customer access to Ancillary Services upon Customer's request. Requesting Carrier shall also block Customer access to Ancillary Services upon Ameritech's request, as set forth in **Exhibit D**.

15. PROMOTIONAL PAYMENT PLAN FOR UNE AND RESALE–OHIO AND ILLINOIS ONLY

15.1 **SBC-AMERITECH** will provide, in the states of Ohio and Illinois, a promotional eighteen (18) month installment payment option to CLECs for the payment of non-recurring charges associated with the purchase of unbundled Network Elements used in the provision of residential services and the resale of services used in the provision of residential services.

15.2 **SBC-AMERITECH** will provide, in the states of Ohio and Illinois, a promotional payment plan option to CLECs for the payment of non-recurring charges associated with the purchase of unbundled Network Elements used in the provision of residential services and the resale of services used in the provision of residential services. The promotion is available on the terms and conditions set forth in the Ameritech – Ohio and Illinois Merger Conditions for the period specified therein. Such provision of the promotional payment plan is subject to CLEC's qualification and compliance with the provisions of the Ameritech – Ohio and Illinois Merger Conditions.

EXHIBIT D

1. GENERAL INFORMATION ON BLOCKING

1.1 Optional Blocking is available to consumer and business Customers that want the capability to block direct calls to Provider's services covered in this Schedule.

1.2 Customers attempting to reach programming from accounts where blocking has been established will reach a recording informing them that the call cannot be completed.

1.3 Access to 976 services is prohibited by tariff from providing Group Access Bridging (GAB) services whereby a Customer can be connected to parties other than the IP for the purpose of establishing a conference call.

1.4 Collect, operator assisted, calling card, and person-to-person calls to 976 are not allowed.

1.5 Collect and person-to-person calls to CPP/C and CPP/P are not allowed.

1.6 Calls from WATS, hotel/motel, **SBC-AMERITECH** Public/semi-public telephones and lines with Call Blocking will not be allowed to 976 service.

1.7 976 Call Blocking should not be added to accounts that have Consumer/Business Toll Restrictions.

1.8 Call Blocking will be provided only where CO facilities permit.

1.9 Call Blocking may not be limited to specific programs.

1.10 Call Blocking does not block calls to other telephone companies' numbers.

1.11 Call Blocking does not block long distance charges.

1.12 Requesting Carrier reserves the right to provide to the general public, upon request, the complete name, address, and telephone number of the Information Providers in response to inquiries and comments referring to the Information Provider's services.

1.13 The first time a Customer specifically disputes Pay-Per-Call charges, Customer must be informed of the availability of Call Blocking and disputed charges are adjusted accordingly on Customer's bill. Inform Customer that the Information Provider may pursue collection of charges directly with Customer.

1.14 After the Customer specifically disputes charges, inform Customer that mandatory blocking will be established on Customer's line and disputed amount is adjusted accordingly on Customer's bill. Inform Customer that the Information Providers may pursue collection of charges directly with Customers.

1.15 Adjustments granted as the result of refusal to pay, denies all knowledge, unsatisfactory payment arrangements, etc., should be classified as an uncollectible adjustment and blocking should be established after first request.

1.16 On the database, Adjustments granted as the result of poor transmission, call not completed or calls completed due to failure to establish blocking, such as service order issued incorrectly, should be classified as correct charges on the **SBC-AMERITECH** entity code (R or NBT).

1.17 Blocking must be imposed on those Customers who refuse to pay legitimate Per-Per-Call charges, to the extent permitted under Applicable Law.

APPENDIX FGA

TABLE OF CONTENTS

1. INTRODUCTION 3

2. DEFINTIONS 3

3. UNDERTAKING OF THE PARTIES 4

4. ADMINISTRATION OF INTERCARRIER COMPENSATION 5

5. MINUTES OF USE (MOUS) DEVELOPMENT 5

6. CALCULATION OF REVENUE DISTRIBUTION 6

7. COMPENSATION AMOUNTS, MONTHLY STATEMENTS AND PAYMENTS 6

8. APPLICABILITY OF OTHER RATES, TERMS AND CONDITIONS 7

EXHIBIT A 8

EXHIBIT B 9

APPENDIX FGA

1. INTRODUCTION

1.1 This Appendix sets forth the terms and conditions under which CLEC and the applicable SBC Communication Inc. (SBC) owned Incumbent Local Exchange Carrier (ILEC) will compensate each other for the joint provision of Feature Group A (FGA) Switched Access Services and/or FGA-Like services, including the Open End (Foreign Exchange) of interLATA Foreign Exchange (FX) or interLATA FX-like service. For purposes of this Agreement the terms Feature Group A (FGA) Switched Access Services and/or FGA-like, interLATA Foreign Exchange (FX) and interLATA FX-like services may be used interchangeably, unless referenced distinctly. Notwithstanding the provisions of this Appendix, the Parties may agree to waive compensation for FGA service if they expect such service to be de minimus. In that event, the provisions of this Appendix will not apply.

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, Nevada Bell Telephone Company, The Ohio Bell Telephone Company, Pacific Bell Telephone Company, The Southern New England Telephone Company, Southwestern Bell Telephone Company and/or Wisconsin Bell, Inc. d/b/a Ameritech Wisconsin.

1.3 **SBC-ILEC** - As used herein, **SBC-ILEC** means the applicable above listed ILEC(s) doing business in Arkansas, California, Connecticut, Illinois, Indiana, Kansas, Michigan, Missouri, Nevada, Ohio, Oklahoma, Texas, and Wisconsin.

2. DEFINTIONS

2.1 **"Subscriber Access Lines"** means a communication facility provided under a general and/or exchange service tariff extended from an End User premise to a Central Office Switch which may be used to make and receive exchange service calls, intrastate toll service or interstate toll service calls.

2.2 **"Feature Group A (FGA) Switched Access Service"** means FGA Switched Access Service includes all facilities and services rendered in furnishing FGA switched access service, both in local traffic area and LATA wide calling areas (interLATA FX includes only the local traffic area), in accordance with the schedule or charges, regulations, terms and conditions stated in the interstate or intrastate tariffs of the Parties.

2.3 **"Open End or Foreign Exchange"** means the exchange from which the FGA or foreign service is rendered. That is, the exchange from which the FGA or foreign exchange service obtains switched access to other End Users.

2.4 **"The Primary Company"** denotes the Party with the Primary office(s). For interLATA FX and or interLATA FX-like services, the Party with Open End will be considered the Primary Company.

2.5 **"The Primary Office"** means an office which: (1) directly or jointly connects to an Interexchange Carrier and/or End User: and (2) provides joint FGA switched access, or FX, service to that Interexchange Carrier and/or End User allowing calls to or from End Offices of the other Party.

2.6 **"The Secondary Company"** denotes the Party with the secondary office(s).

2.7 **"The Secondary Office"** means any office involved in providing joint FGA switched access to an Interexchange Carrier and/or End User through the switching facilities of the Primary Office.

2.8 **"Access Minutes or Minutes of Use (MOUs)"** means those minutes of use as described in Part 69 of the Federal Communications Commissions Rules, and are limited to those FGA and FX MOUs which originate and/or terminate in the Secondary Office(s) covered by this Appendix.

2.9 **"Currently Effective Tariff Rate"** means the approved FGA Switched Access tariff rate effective on the first day of the month for which compensation is being calculated.

3. UNDERTAKING OF THE PARTIES

3.1 The Primary Company will compensate the Secondary Company only to the extent that it has not already been compensated under its interstate or intrastate access service tariffs or other settlement/contract arrangements. This Appendix is subject to applicable tariffs.

3.2 To the extent any applicable FGA Switched Access tariff is revised, such company will notify the other of all tariff rate revisions, affecting this Appendix which the FCC or other appropriate regulatory authority allows to take effect, at least thirty (30) days in advance of their effective date. Compensation will be based on the revised rates forty-five (45) days after the effective date of the tariff revisions. However, if such company fails to notify the billing company of a new rate within thirty (30) days of its effective date, the billing company may delay implementation of the new rate until the next month's compensation cycle, and will not be required to adjust the previous bills retroactively.

3.3 Each Party will furnish to the other such information as may reasonably be required for the administration, computation and distribution of compensation, or otherwise to execute the provisions of this Appendix.

4. ADMINISTRATION OF INTERCARRIER COMPENSATION

4.1 The Primary Company will be responsible for the administration, computation and distribution of the FGA access compensation due the Secondary Company.

5. MINUTES OF USE (MOUS) DEVELOPMENT

5.1 The Primary Company will calculate the amount of FGA compensation due the Secondary Company, by determining the amount of FGA and FX MOUs attributable to each Secondary Company as described below. The Primary Company will then multiply the MOUs by the rates in the applicable FGA Switched Access tariff to determine the compensation amounts tentatively due the Secondary Company, subject to adjustments for uncollectibles as outlined in Section 6.3.

5.2 Terminating MOUs Development

5.2.1 Actual monthly premium (charged at equal access End Office) and non-premium (charged at non-equal access End Offices) terminating FGA and FX access MOUs for each office in the LATA or a FGA or FX access area will be measured by the Primary Company.

5.2.2 Where the Primary Company cannot measure or identify the terminating FGA or FX MOUs by End Office, terminating MOUs will be total unmeasured MOUs allocated to the LATA or FGA or FX access area. In this event, terminating FGA MOUs will be distributed based upon the ratio of the Secondary Company's subscriber access lines, as identified in Exhibits A and B, which are attached hereto and made a part hereof, to the total subscriber access lines in the FGA access area as determined by the Primary Company. Terminating FX MOUs, however, will be distributed based upon the ratio of the Secondary Company's subscriber access lines, as identified in Exhibit A, which is attached hereto and made a part hereof, to the total subscriber access lines in the FX access area as determined by the Primary Company.

5.3 Originating MOUs Development

5.3.1 The Primary Company will derive and distribute monthly originating FGA access MOUs to each Secondary Company's End Office in the local calling area, as identified in Exhibit A, which is attached hereto and made a part hereof, based upon a ratio of each Party's subscriber access lines to the total subscriber access lines in the local traffic area of the FGA customer as determined by the Primary Company.

5.3.2 The Parties recognize that since originating non-local traffic calling area calls to the FGA service area are rated and billed as intraLATA toll, such usage is assumed to be minimal. Therefore, originating FGA access MOUs will not be distributed to end offices outside a local calling area.

6. CALCULATION OF REVENUE DISTRIBUTION

6.1 The amount of premium or non-premium compensation due each Party each month will be equal to the sum of Originating and Terminating premium or non-premium compensation for each End Office. This compensation will be calculated by the Primary Company by multiplying each of the applicable FGA switched access tariff rate elements (except the Local Transport element described below) by the appropriate MOU calculation under Sections 5.2.1 and 5.2.2.

6.2 Local Transport compensation will be determined for each company by multiplying each of the applicable FGA switched access tariff rate elements by the appropriate MOUs (as calculated under Sections 5.2.1 and 5.2.2) by the Secondary Company's percentage ownership of facilities agreed on by the Parties and set out in Exhibit B, which is attached hereto and made a part hereof.

6.3 The amount of compensation due the Secondary Company maybe reduced due to uncollectibles attributable to FGA Access billing experienced by the Primary Carrier.

7. COMPENSATION AMOUNTS, MONTHLY STATEMENTS AND PAYMENTS

7.1 The Primary Company, each month, will calculate and prepare a monthly compensation statement reflecting the compensation amounts for FGA access service due the Secondary Company.

7.2 The monthly compensation statement will show, for each Secondary Office, separately:

7.2.1 The total number of non-premium or premium terminating MOUs and associated compensation amounts.

7.2.2 The total number on non-premium or premium originating MOUs and associated compensation amounts.

7.2.3 The total compensation due the Secondary Company, by rate element.

7.2.4 The number of terminating MOUs recorded by the Primary Company.

7.2.5 The number of access lines used to prorate originating usage pursuant to Section 5.3 contained herein.

7.2.6 The percent ownership factor, if any, used to prorate Local Transport revenues.

7.2.7 Adjustments for uncollectibles.

7.3 Within sixty (60) calendar days after the end of each billing period, the Primary Company will remit the compensation amount due the Secondary Company. Where more than one compensation amount is due, they may be combined into a single payment.

8. APPLICABILITY OF OTHER RATES, TERMS AND CONDITIONS

8.1 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.

EXHIBIT A

Local Calling Area Locations for Originating and Terminating

Feature Group A Access Service

Primary Office Company	Secondary Office Company	
CLLI CODE NPA-NXX	CLLI CODE	NPA-NXX

ACCESS LINE

EXHIBIT B

Location for LATA Wide Termination

of Feature Group A Access Service in

Non-Local Calling Areas

SECONDARY OFFICE COMPANY

CLLI CODE	NPA-NXX	Access Line	Transport Facilities	% Ownership of LATA

APPENDIX FX

TABLE OF CONTENTS

1. INTRODUCTION 3

2. DEFINITIONS 3

3. UNDERTAKING OF THE PARTIES 4

4. COMPENSATION AMOUNTS, MONTHLY STATEMENTS AND PAYMENTS 5

5. APPLICABILITY OF OTHER RATES, TERMS AND CONDITIONS 5

APPENDIX FX

1. INTRODUCTION

1.1 This sets forth the terms and conditions under which SBC Communications Inc. (SBC) owned Incumbent Local Exchange Carrier (ILEC) and CLEC will compensate each other for the joint provision of intraLATA Foreign Exchange (FX) Services and/or FX-Like services.

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, Nevada Bell Telephone Company, The Ohio Bell Telephone Company, Pacific Bell Telephone Company, The Southern New England Telephone Company, Southwestern Bell Telephone Company and/or Wisconsin Bell, Inc. d/b/a Ameritech Wisconsin.

1.3 **SBC-ILEC** - As used herein, **SBC-ILEC** means the applicable above listed ILEC(s) doing Arkansas, California, Connecticut, Illinois, Indiana, Kansas, Michigan, Missouri, Nevada, Ohio, Oklahoma, Texas, and Wisconsin.

2. DEFINTIONS

2.1 **"Customer"** – As used herein, the term "Customer" does not include any of the Parties to this Agreement with respect to any item or service obtained under this Appendix.

2.2 **"Foreign Exchange (FX) Service"**

2.2.1 FX Service permits a customer physically located in one exchange (serving or closed end exchange) to have a telephone number associated with another exchange (open end or foreign exchange). FX allows a customer to have a telephone number presence in a community other than the one where the customer equipment is physically located.

2.2.2 FX Service is generally provided in one of two ways. The "line haul" foreign exchange, where the customer is connected by an ordinary access line to its serving wire center and is then connected by a dedicated facility to the foreign exchange wire center which generates the dial tone.

2.2.3 Under a "dedicated prefix" arrangement, the customer's ordinary access line is assigned a prefix within its serving wire center which is dedicated to functioning as a prefix in a foreign exchange. The serving wire center routes the customer's traffic over dedicated or switched facilities to a switch or switches in the foreign exchange whereby it is connected to telephone numbers in the foreign exchange.

2.2.4 In either case, the total of all facilities which are used to connect the FX customer to the telephone numbers in the foreign exchange, i.e., the access line and local switch within the serving exchange, the facilities connecting the serving exchange local switch to the foreign exchange switch, and the foreign exchange switching facilities are considered as the facilities required to provide the foreign exchange service.

2.2.5 Foreign exchange facility arrangements, other than those described above, are possible. However, where different arrangements are used, the same principles apply. That is, the total of all facilities used in the connection of the FX customer to the telephone number in the foreign exchange are considered as the facilities used to provide the foreign exchange service.

2.3 **"Open End or Foreign Exchange"** means the exchange from which the foreign service is rendered. That is, the exchange from which the foreign exchange service obtains switched access to other End Users.

2.4 **"Primary Party"** denotes the Party that bills the FX customer for the FX service when, by mutual agreement of the Parties, only one of the Parties bills the FX customer for the facilities provided by both Parties.

2.5 **"Serving or Closed End Exchange"** denotes the exchange in which the FX customer is physically located.

2.6 **"Secondary Party"** denotes the Party that does not bill the FX customer, when, by mutual agreement of the Parties, only one of the Parties bills the FX customer for the facilities provided by both Parties.

3. UNDERTAKING OF THE PARTIES

3.1 If mutually agreeable by the Parties, one Party may act as the Primary Party and bill the FX customer for the entire FX Service. In this case, the Primary Party will compensate the Secondary Party for the portion of the FX Service that the Secondary Party provides based on the Secondary

Party's applicable tariffed rates for the facilities that the Secondary Party provides. If the Secondary Party does not have tariff rates applicable for the facilities that it has provided for its portion of the FX Service, the Primary Party will reimburse the Secondary Party based on rates negotiated between the Parties.

3.2 Otherwise, each Party will separately bill the FX customer for the portion of the FX service facilities that it provides based on its applicable tariffed rates. If either Party does not have tariff rates applicable for the facilities that it has provided for its portion of the FX Service, that Party will bill the FX customer based on its costs of providing its portion of the FX Service facilities.

4. COMPENSATION AMOUNTS, MONTHLY STATEMENTS AND PAYMENTS

4.1 In the event that only one Party bills the FX customer for the entire FX service, within thirty (30) calendar days after the end of each billing period, the Primary Party will remit the compensation amount due the Secondary Party. Where more than one compensation amount is due, they may be combined into a single payment.

4.2 The amount of compensation due the Secondary Company maybe reduced due to uncollectibles attributable to FX Service billing experienced by the Primary Party for the jointly provided FX Services.

5. APPLICABILITY OF OTHER RATES, TERMS AND CONDITIONS

5.1 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.

APPENDIX ITR
(Interconnection Trunking Requirements)

TABLE OF CONTENTS

1. INTRODUCTION 3

2. DEFINITIONS 3

3. ONE-WAY AND TWO-WAY TRUNK GROUPS 4

4. TANDEM TRUNKING AND DIRECT END OFFICE TRUNKING 5

5. TRUNK GROUPS 7

6. FORECASTING RESPONSIBILITIES: SBC-ILEC 15

7. TRUNK DESIGN BLOCKING CRITERIA: SBC-ILEC 16

8. TRUNK SERVICING: SBC-ILEC 17

9. TRUNK DATA EXCHANGE: SBC-ILEC 20

10. NETWORK MANAGEMENT: SBC-ILEC 20

11. APPLICABILITY OF OTHER RATES, TERMS AND CONDITIONS 21

APPENDIX ITR
(Interconnection Trunking Requirements)

1. INTRODUCTION

1.1 This Appendix sets forth terms and conditions for Interconnection provided by the applicable SBC Communications Inc. (SBC) owned Incumbent Local Exchange Carrier (ILEC) and 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, Nevada Bell Telephone Company, The Ohio Bell Telephone Company, Pacific Bell Telephone Company, The Southern New England Telephone Company, Southwestern Bell Telephone Company and/or Wisconsin Bell, Inc. d/b/a Ameritech Wisconsin.

1.3 As used herein, **SBC-ILEC** means the applicable above listed ILECs doing business Arkansas, California, Connecticut, Illinois, Indiana, Kansas, Michigan, Missouri, Nevada, Ohio, Oklahoma, Texas, and Wisconsin.

1.4 This Appendix provides descriptions of the trunking requirements between CLEC and **SBC-ILEC**. All references to incoming and outgoing trunk groups are from the perspective of CLEC. The paragraphs below describe the required and optional trunk groups for local, IntraLATA toll, InterLATA "meet point", mass calling, E911, Operator Services and Directory Assistance traffic.

1.5 Local trunk groups may only be used to transport traffic between the parties End Users.

1.6 Transit traffic is originated by or terminated to the CLEC End User from or to other networks and not to **SBC-ILEC** End Users.

2. DEFINITIONS

2.1 **SBC-SWBT** - As used herein, **SBC-SWBT** means the applicable above listed ILEC(s) doing business in Arkansas, Kansas, Missouri, Oklahoma, and Texas.

2.2 **SBC-AMERITECH** - As used herein, **SBC-AMERITECH** means the applicable above listed ILEC(s) doing business in Illinois, Indiana, Michigan, Ohio, and Wisconsin.

2.3 **SBC-MOKA** - As used herein, **SBC-MOKA** means the applicable above listed ILEC doing business in Arkansas, Kansas, Missouri, and Oklahoma.

2.4 **PACIFIC** - As used herein, **PACIFIC** means the applicable above listed ILEC doing business in California.

2.5 **NEVADA** - As used herein, **NEVADA** means the applicable above listed ILEC doing business in Nevada.

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

2.7 **"Network Interconnection Methods"** (NIM) designates facilities established between the Parties Networks.

3. ONE-WAY AND TWO-WAY TRUNK GROUPS

3.1 A one-way trunk group for ancillary services (e.g. OPS/DA, mass calling, 911) can be established between a CLEC Tandem or End Office switch and an **SBC-ILEC** Tandem. This trunk group will utilize Signaling System 7 (SS7) or multi-frequency (MF) signaling protocol, with SS7 signaling preferred whenever possible. CLEC will have administrative control of one-way trunk groups from CLEC to **SBC-ILEC** (CLEC originating).

3.2 Two-way trunk groups for local, IntraLATA and InterLATA traffic can be established between a CLEC switch and an **SBC-ILEC** Tandem or End Office switch. This trunk group will utilize Signaling System 7 (SS7) or multi-frequency (MF) signaling protocol, with SS7 signaling preferred whenever possible. Two-way trunking will be jointly provisioned and maintained. For administrative consistency CLEC will have control for the purpose of issuing Access Service Requests (ASRs) on two-way groups. **SBC-ILEC** will use the Trunk Group Service Request (TGSR), as described in section 8.0 of this Appendix, to request changes in trunking. Both Parties reserve the right to issue ASRs, if so required, in the normal course of business.

3.3 The Parties agree that two-way trunking shall be established when possible and appropriate for a given trunk group. However, in the **SBC-AMERITECH** and **SNET**, certain technical and billing issues may necessitate the use of one-way trunking for an interim period. The Parties will negotiate the appropriate trunk configuration, whether one-way or two-way to accommodate the present billing and technical limitations.

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

performance levels and trunk requirements. The parties agree to the electronic exchange of data.

3.5 The Parties recognize that embedded one-way trunks may exist for Local/IntraLATA toll traffic via end-point meet Interconnection architecture. The parties agree to negotiate a transition plan to migrate the embedded one-way trunks to two-way trunks via any Interconnection method as described in Appendix NIM. The Parties will coordinate any such migration, trunk group prioritization, and implementation schedule. **SBC-ILEC** agrees to develop a cutover plan and project manage the cutovers with CLEC participation and agreement.

4. TANDEM TRUNKING AND DIRECT END OFFICE TRUNKING

4.1 **SBC-ILEC** deploys in its network Tandems that switch local only traffic (local Tandem **SBC-SWBT** only), Tandems that switch IntraLATA and InterLATA traffic (Access Tandem) and Tandems that switch both local and IntraLATA/InterLATA traffic (local/Access Tandem). In addition **SBC-ILEC** deploys Tandems that switch ancillary traffic such as 911 (911 Tandem), Operator Services/ Directory Assistance (OPS/DA Tandem), and mass calling (choke Tandem). Traffic on Tandem trunks does not terminate at the Tandem but is switched to other trunks that terminate the traffic in End Offices and ultimately to End Users.

4.2 When Tandem trunks are deployed, CLEC shall route appropriate traffic (i.e. only traffic to End Offices that subtend that Tandem) to the respective **SBC-ILEC** Tandems on the trunk groups defined below. **SBC-ILEC** shall route appropriate traffic to CLEC switches on the trunk groups defined below.

4.2.1 When transit traffic through the **SBC-ILEC** Tandem from CLEC to another Local Exchange Carrier, CLEC or wireless carrier requires 24 or more trunks, CLEC shall establish a direct End Office trunk group between itself and the other Local Exchange Carrier, CLEC or wireless carrier CLEC shall route Transit Traffic via **SBC-ILEC**'s Tandem switches, and not at or through any **SBC-ILEC** End Offices. This trunk group will be serviced in accordance with the Trunk Design Blocking Criteria in Section 7.0.

4.3 While the Parties agree that it is the responsibility of the CLEC to enter into arrangements with each third party carrier (ILECs or other CLECs) to deliver or receive transit traffic, **SBC-ILEC** acknowledges that such arrangements may not currently be in place and an interim arrangement will facilitate traffic completion on an interim basis. Accordingly, until the earlier of (i) the date on which either Party has entered into an arrangement with third-party carrier to exchange transit traffic to CLEC and (ii) the date transit traffic volumes exchanged by the CLEC

and third-party carrier exceed the volumes specified in Section 4.21, **SBC-ILEC** will provide CLEC with transit service. CLEC agrees to use reasonable efforts to enter into agreements with third-party carriers as soon as possible after the Effective Date.

4.4 Direct End Office trunks terminate traffic from a CLEC switch to an **SBC-ILEC** End Office and are not switched at a Tandem location. The Parties shall establish a two-way direct End Office trunk group when End Office traffic requires twenty-four (24) or more trunks or when no local or local/Access Tandem is present in the local exchange area. Overflow from either end of the direct End Office trunk group will be alternate routed to the appropriate Tandem.

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

4.6 Trunk Configuration

4.6.1 Trunk Configuration – **SBC-SWBT**, **SBC-AMERITECH** and **SNET**

4.6.1.1 Where available and upon the request of the other Party, each Party shall cooperate to ensure that its trunk groups are configured utilizing the B8ZS ESF protocol for 64 kbps Clear Channel Capability (64CCC) transmission to allow for ISDN interoperability between the Parties' respective networks. Trunk groups configured for 64CCC and carrying Circuit Switched Data (CSD) ISDN calls shall carry the appropriate Trunk Type Modifier in the CLCI-Message code. Trunk groups configured for 64CCC and not used to carry CSD ISDN calls shall carry a different appropriate Trunk Type Modifier in the CLCI-Message code.

4.6.2 Trunk Configuration – **PACIFIC** and **NEVADA**

4.6.2.1 When Interconnecting at **PACIFIC/NEVADA**'s digital End Offices, the Parties have a preference for use of Bipolar 8 Zero Substitution Extended Super Frame (B8ZS ESF) two-way trunks for all traffic between their networks. Where available, such trunk equipment will be used for LI trunk groups. Where AMI trunks are used, either Party may request upgrade to B8ZS ESF when such equipment is available.

4.6.2.2 When Interconnecting at **PACIFIC**'s DMS Tandem(s), 64K CCC data and voice traffic may be combined on the same B8ZF ESF facilities and 2-way trunk group. 64 CCC data and voice traffic must be separate and not combined at **PACIFIC**'s 4E Tandems. A CLEC establishing new trunk groups to carry combined voice and data traffic from **PACIFIC**'s DMS Tandems may do so where facilities and equipment exist. Where separate voice and data Interconnection trunking already exists CLEC may transition to combined voice and data trunking as a major project, subject to rules, timelines and guidelines set forth in the CLEC handbook, which is not incorporated herein refer to the appropriate ILEC's website. In all cases, CLEC will be required to disconnect existing voice-only trunk groups as existing 64K CCC trunk groups are augmented to carry both voice and data traffic. For both the combined and the segregated voice and data trunk groups, where additional equipment is required, such equipment will be obtained, engineered, and installed on the same basis and with the same intervals as any similar growth job which **PACIFIC** does for IXC's, CLEC's, or itself for 64K CCC trunks.

5. TRUNK GROUPS

5.1 The following trunk groups shall used to exchange various types of traffic between CLEC and **SBC-ILEC**.

5.2 Local & IntraLATA Interconnection Trunk Group(s) in Each Local Exchange Area: **SBC-SWBT** and **SNET**.

5.2.1 A two-way local trunk group shall be established between CLEC switch and each **SBC-SWBT** and **SNET** local Tandem in the local exchange area. Inter-Tandem switching is not provided.

5.2.2 Where traffic from CLEC switch to **SBC-SWBT** and **SNET** End Office is sufficient, 24 or more trunks, a local trunk group shall also be established to the **SBC-SWBT** End Office as described in Sections 4.4 and 4.5.

5.2.3 A local trunk group shall be established from CLEC switch to each **SBC-SWBT** and **SNET** End Office in a local exchange area that has no local Tandem.

5.2.4 Each Party shall deliver to the other Party over the Local Trunk Group(s) only such traffic that originates and terminates in the local exchange area.

5.2.5 When **SBC-SWBT** and **SNET** has a separate local Tandem and Access Tandem in the local exchange area, a two-way IntraLATA toll trunk group in addition to a two-way local trunk group shall be established from CLEC switch to the **SBC-SWBT** and **SNET** Access Tandem(s).

5.2.6 When **SBC-SWBT** and **SNET** has a combined local/Access Tandem in a local exchange area, local and IntraLATA toll traffic shall be combined on a combined local/IntraLATA trunk group.

5.2.7 When **SBC-SWBT** and **SNET** has more than one combined local/Access Tandem in a local exchange area, local and IntraLATA toll traffic shall be combined on a combined local/IntraLATA trunk group to each **SBC-SWBT** and **SNET** Tandem.

5.3 Local and IntraLATA Interconnection Trunk Group(s) in Each LATA: **SBC-AMERITECH**, **PACIFIC**, and **NEVADA**

5.3.1 Tandem Trunking - Single Tandem LATAs

5.3.1.1 Where **PACIFIC, NEVADA** or **SBC-AMERITECH** has a single Access Tandem in a LATA, IntraLATA Toll and Local traffic shall be combined on a single Local Interconnection Trunk group for calls destined to or from all End Offices that subtend the) Tandem. This trunk group shall be two-way and will utilize Signaling System 7 (SS7) signaling.

5.3.2 Tandem Trunking – Multiple Tandem LATAs

5.3.2.1 Where **PACIFIC**, **NEVADA** or **SBC-SWBT** has more than one Access Tandem in a LATA, IntraLATA Toll and Local traffic shall be combined on a single Local Interconnection Trunk Group at every **PACIFIC**, **NEVADA** or **SBC-AMERITECH** Tandem for calls destined to or from all End Offices that subtend each Tandem. These trunk groups shall be two-way and will utilize Signaling System 7 (SS7) signaling.

5.3.3 Direct End Office Trunking

5.3.3.1 The Parties shall establish direct End Office primary high usage LI trunk groups for the exchange of IntraLATA Toll and Local traffic where actual or projected traffic demand is or will be twenty four (24) or more trunks, as described in Sections 4.4 and 4.5.

5.4 InterLATA (Meet Point) Trunk Group: **SBC-ILEC**

5.4.1 InterLATA traffic shall be transported between CLEC switch and the **SBC-ILEC** Access or combined local/Access Tandem over a "meet point" trunk group separate from local and IntraLATA toll traffic. The InterLATA trunk group will be established for the transmission and routing of exchange access traffic between CLEC's End Users and inter exchange carriers via a **SBC-ILEC** Access Tandem.

5.4.2 InterLATA trunk groups shall be set up as two-way and will utilize SS7 signaling, except multifrequency ("MF") signaling will be used on a separate "Meet Point" trunk group to complete originating calls to switched access customers that use MF FGD signaling protocol.

5.4.3 When **SBC-ILEC** has more than one Access Tandem in a local exchange area or LATA, CLEC shall establish an InterLATA trunk group to each **SBC-ILEC** Access Tandem where the CLEC has homed its NXX code(s). If the Access Tandems are in two different states, CLEC shall establish an InterLATA trunk group with one Access Tandem in each state.

5.4.4 CLEC will home its NPA-NXXs to the Access Tandem that serves the geographic area for the V&H coordinate assigned to the NXX.

5.4.5 FOR **PACIFIC** ONLY: CLEC will home new codes serving a particular community on the Tandem serving that community, as defined in SCHEDULE CAL.P.U.C. NO. l75—T, Section 6.7.3, Tandem Access Sectorization (TAS). CLEC is not required, however, to home codes by the sector designations. CLEC also agrees to locate at least one Local Routing Number (LRN) per home Tandem if CLEC ports any telephone numbers to its network from a community currently homing on that Tandem.

5.4.6 **SBC-ILEC**: For each NXX code used by either Party, the Party that owns the NXX must maintain network facilities (whether owned or leased) used to actively provide, in part, local Telecommunications Service in the geographic area assigned to such NXX code. If either Party uses its NXX Code to provide foreign exchange service to its customers outside of the geographic area assigned to such code, that Party shall be solely responsible to transport traffic between its foreign exchange service customer and such code's geographic area.

5.4.7 **SBC-ILEC** will not block switched access customer traffic delivered to any **SBC-ILEC** Tandem for completion on CLEC's network. The Parties understand and agree that InterLATA trunking arrangements are available and functional only to/from switched access customers who directly connect with any **SBC-ILEC** Access Tandem that CLEC switch subtends

in each LATA. In no event will **SBC-ILEC** be required to route such traffic through more than one Tandem for connection to/from switched access customers. **SBC-ILEC** shall have no responsibility to ensure that any switched access customer will accept traffic that CLEC directs to the switched access customer. **SBC-ILEC** also agrees to furnish CLEC, upon request, a list of those IXCs which also Interconnect with **SBC-ILEC**'s Access Tandem(s).

5.4.8 CLEC shall provide all SS7 signaling information including, without limitation, charge number and originating line information ("OLI"). For terminating FGD, **SBC-ILEC** will pass all SS7 signaling information including, without limitation, CPN if it receives CPN from FGD carriers. All privacy indicators will be honored. Where available, network signaling information such as transit network selection ("TNS") parameter, carrier identification codes ("CIC") (CCS platform) and CIC/OZZ information (non-SS7 environment) will be provided by CLEC wherever such information is needed for call routing or billing. The Parties will follow all OBF adopted standards pertaining to TNS and CIC/OZZ codes.

5.5 800/(8YY) Traffic: **SBC-ILEC**

5.5.1 If CLEC chooses **SBC-ILEC** to handle 800/(8YY) database queries from its switches, all CLEC originating 800/(8YY) traffic will be routed over the InterLATA meet point trunk group. This traffic will include a combination of both Interexchange Carrier (IXC), 800/(8YY) service and CLEC 800/(8YY) service that will be identified and segregated by carrier through the database query handled through the **SBC-ILEC** Tandem switch.

5.5.2 All originating Toll Free Service (800/8YY) calls for which CLEC requests that **SBC-ILEC** perform the Service Switching Point ("SSP") function (e.g., perform the database query) shall be delivered using GR-394 format over the Meet Point Trunk Group. Carrier Code "0110" and Circuit Code (to be determined for each LATA) shall be used for all such calls.

5.5.3 CLEC may handle its own 800/8YY database queries from its switch. If so, CLEC will determine the nature (local/intra-LATA/inter-LATA) of the 800/8YY call based on the response from the database. If the query determines that the call is an local or IntraLATA 800/8YY number, CLEC will route the post-query local or IntraLATA converted ten-digit local number to **SBC-ILEC** over the local or intra-LATA trunk group. In such case, the CLEC is to provide an 800/8YY billing record when appropriate. If the query reveals the call is an InterLATA 800/8YY number, CLEC will

route the post-query inter-LATA call (800/8YY number) directly from its switch for carriers Interconnected with its network or over the meet point group to carriers not directly connected to its network but are connected to **SBC-ILEC**'s Access Tandem. Calls will be routed to **SBC-13 STATE** over the local/IntraLATA and inter-LATA trunk groups within the LATA in which the calls originate.

5.5.4 All post-query Toll Free Service (800/8YY) calls for which CLEC performs the SSP function, if delivered to **SBC-ILEC**, shall be delivered using GR-394 format over the Meet Point Trunk Group for calls destined to IXCs, or shall be delivered by CLEC using GR-317 format over the local Interconnection trunk group for calls destined to End Offices that directly subtend the Tandem.

5.6 E911 Trunk Group

5.6.1 A segregated trunk group for each NPA shall be established to each appropriate E911 Tandem within the local exchange area in which CLEC offers exchange service. This trunk group shall be set up as a one-way outgoing only and shall utilize MF CAMA signaling or SS7 signaling if available. CLEC will have administrative control for the purpose of issuing ASRs on this one-way trunk group.

5.6.2 CLEC shall provide a minimum of two (2) one-way outgoing channels on 9-1-1 trunks dedicated for originating 9-1-1 emergency service calls from the point of Interconnection (POI) to the **SBC-ILEC** 9-1-1 Tandem. Unless otherwise agreed to by the Parties, the 9-1-1 trunk groups will be initially established as two (2) one-way CAMA MF trunk groups or SS7 connectivity where applicable.

5.6.3 CLEC will cooperate with **SBC-ILEC** to promptly test all 9-1-1 trunks and facilities between CLEC network and the **SBC-ILEC** 9-1-1 Tandem to assure proper functioning of 9-1-1 service. CLEC will not turn-up live traffic until successful testing is completed by both Parties.

5.7 High Volume Call In (HVCI) / Mass Calling (Choke) Trunk Group: **SBC-ILEC**

5.7.1 A dedicated trunk group shall be required to the designated Public Response HVCI/Mass Calling Network Access Tandem in each serving area. This trunk group shall be one-way outgoing only and shall utilize MF signaling (except **SBC-AMERITECH** – which uses SS7). As the HVCI/Mass Calling trunk group is designed to block all excessive attempts toward HVCI/Mass Calling NXXs, it is necessarily exempt from the one percent blocking standard described elsewhere for other final local

Interconnection trunk groups. CLEC will have administrative control for the purpose of issuing ASRs on this one-way trunk group.

5.7.2 This group shall be sized as follows:

Number of Access Lines Served	***Number of Mass Calling Trunks***
0 – 10,000	*2*
10,001 – 20,000	*3*
20,001 – 30,000	*4*
30,001 – 40,000	*5*
40,001 – 50,000	*6*
50,001 – 60,000	*7*
60,001 – 75,000	*8*
75,000 +	*9 maximum*

5.7.3 If CLEC should acquire a HVCI/Mass Calling customer, i.e. a radio station, CLEC shall notify **SBC-ILEC** of the need to establish a one-way outgoing SS7 or MF trunk group from the **SBC-ILEC** HVCI/Mass Calling Serving Office to the CLEC customer's serving office and **SBC-ILEC** shall establish this trunk group.

5.7.4 If CLEC finds it necessary to issue a new choke telephone number to a new or existing HVCI/Mass Calling customer, the CLEC may request a meeting to coordinate with **SBC-ILEC** the assignment of HVCI/Mass Calling telephone number from the existing choke NXX. In the event that the CLEC establishes a new choke NXX, CLEC must notify **SBC-ILEC** a minimum of ninety (90) days prior to deployment of the new HVCI/Mass Calling NXX. **SBC-ILEC** will perform the necessary translations in its End Offices and Tandem(s) and issue ASR's to establish a one-way outgoing SS7 or MF trunk group from the **SBC-ILEC** Public Response HVCI/Mass Calling Network Access Tandem to the CLEC's choke serving office.

5.7.5 Where **SBC-ILEC** and CLEC both provide HVCI/Mass Calling trunking, both parties' trunks may ride the same DS-1. MF and SS7 trunk groups shall not be provided within a DS-1 facility; a separate DS-1 per signaling type must be used.

5.8 Operator Services/Directory Assistance Trunk Group(s)

5.8.1 If **SBC-ILEC** agrees through a separate appendix or contract to provide Inward Assistance Operator Services for CLEC, CLEC will initiate an ASR for a one-way trunk group from its designated operator services

switch to the **SBC-ILEC** OPERATOR SERVICES Tandem utilizing MF signaling. Reciprocally, **SBC-ILEC** will initiate an ASR for a one-way MF signaling trunk groups from its OPERATOR SERVICES Tandem to the CLECs designated operator services switch.

5.8.2 If **SBC-ILEC** agrees through a separate appendix or contract to provide Directory Assistance and/or Operator Services for CLEC the following trunk groups are required:

5.8.2.1 Directory Assistance (DA):

5.8.2.1.1 CLEC may contract for DA services only. A segregated trunk group for these services will be required to the appropriate **SBC-ILEC** OPERATOR SERVICES Tandem in the LATA for the NPA the CLEC wishes to serve. This trunk group is set up as one-way outgoing only and utilizes Modified Operator Services Signaling (2 Digit Automatic Number Identification (ANI)). CLEC will have administrative control for the purpose of issuing ASR's on this one-way trunk group.

5.8.2.2 Directory Assistance Call Completion (DACC):

5.8.2.2.1 CLEC contracting for DA services may also contract for DACC. This requires a segregated one-way trunk group to each **SBC-ILEC** OPERATOR SERVICES Tandem within the LATA for the combined DA and DACC traffic. This trunk group is set up as one-way outgoing only and utilizes Modified Operator Services Signaling (2 Digit ANI). The CLEC will have administrative control for the purpose of issuing ASR's on this one-way trunk group.

5.8.2.3 Busy Line Verification/Emergency Interrupt (BLV/EI):

5.8.2.3.1 When **SBC-ILEC**'s operator is under contract to verify the busy status of the CLEC End Users, **SBC-ILEC** will utilize a segregated one-way with MF signaling trunk group from **SBC-ILEC**'s Operator Services Tandem to CLEC switch. CLEC will have administrative control for the purpose of issuing ASR's on this one-way trunk group.

5.8.2.4 Operator Assistance (0+, 0-):

5.8.2.4.1 This service requires a one-way trunk group from CLEC switch to **SBC-ILEC**'s OPERATOR SERVICES Tandem. Two types of trunk groups may be utilized. If the trunk group transports DA/DACC, the trunk group will be designated with the appropriate traffic use code and modifier. If DA is not required or is transported on a segregated trunk group, then the group will be designated with a different appropriate traffic use code and modifier. Modified Operator Services Signaling (2 Digit ANI) will be required on the trunk group. CLEC will have administrative control for the purpose of issuing ASR's on this one-way trunk group.

5.8.2.5 Digit-Exchange Access Operator Services Signaling:

5.8.2.5.1 CLEC will employ Exchange Access Operator Services Signaling (EAOSS) from the equal access End Offices (EAEO) to the OPERATOR SERVICES switch that are equipped to accept 10 Digit Signaling for Automatic Number Identification (ANI).

5.8.2.6 OS QUESTIONAIRE

5.8.2.6.1 If CLEC chooses **SBC-ILEC** to provide either OS and/or DA, then CLEC agrees to accurately complete the OS Questionnaire prior to submitting ASRs for OS and DA trunks.

6. FORECASTING RESPONSIBILITIES: SBC-ILEC

6.1 CLEC agrees to provide an initial forecast for establishing the initial Interconnection facilities. **SBC-ILEC** shall review this forecast and if it has any additional information that will change the forecast shall provide this information to CLEC. Subsequent forecasts shall be provided on a semi-annual basis, not later than January 1 and July 1 in order to be considered in the semi-annual publication of the **SBC-ILEC** General Trunk Forecast. This forecast should include yearly forecasted trunk quantities for all appropriate trunk groups described in this Appendix for a minimum of three years. Parties agree to the use of Common Language Location Identification (CLLI) coding and Common Language Circuit Identification for Message Trunk coding (CLCI-MSG) which is described in TELCORDIA TECHNOLOGIES documents BR795-100-100 and BR795-400-100 respectively. Inquiries pertaining to use of TELCORDIA TECHNOLOGIES Common Language Standards and document availability should be directed to TELCORDIA TECHNOLOGIES at 1-800-521-2673. Analysis of trunk group performance, and ordering of relief if required, will be performed on a monthly basis at a minimum (trunk servicing).

6.2 The semi-annual forecasts shall include:

6.2.1 Yearly forecasted trunk quantities (which include measurements that reflect actual Tandem local Interconnection and InterLATA trunks, End Office Local Interconnection trunks, and Tandem subtending Local Interconnection End Office equivalent trunk requirements) for a minimum of three (current and plus 1 and plus 2) years; and

6.2.2 A description of major network projects anticipated for the following six months. Major network projects include trunking or network rearrangements, shifts in anticipated traffic patterns, orders greater than four (4) DS1's, or other activities that are reflected by a significant increase or decrease in trunking demand for the following forecasting period.

6.2.3 The Parties shall agree on a forecast provided above to ensure efficient utilization of trunks. Orders for trunks that exceed forecasted quantities for forecasted locations will be accommodated as facilities and/or

equipment becomes available. Parties shall make all reasonable efforts and cooperate in good faith to develop alternative solutions to accommodate orders when facilities are not available.

6.3 CLEC shall be responsible for forecasting two-way trunk groups. **SBC-ILEC** shall be responsible for forecasting and servicing the one way trunk groups terminating to the CLEC and the CLEC shall be responsible for forecasting and servicing the one way trunk groups terminating to **SBC-ILEC**, unless otherwise specified in this Appendix. Standard trunk traffic engineering methods will be used by the parties as described in Bell Communications Research, Inc. (TELCORDIA TECHNOLOGIES) document SR TAP 000191, Trunk Traffic Engineering Concepts and Applications.

6.4 If forecast quantities are in dispute, the Parties shall meet to reconcile the differences.

6.5 Each Party shall provide a specified point of contact for planning, forecasting and trunk servicing purposes.

7. TRUNK DESIGN BLOCKING CRITERIA: SBC-ILEC

7.1 Trunk requirements for forecasting and servicing shall be based on the blocking objectives shown in Table 1. Trunk requirements shall be based upon time consistent average busy season busy hour twenty (20) day averaged loads applied to industry standard Neal-Wilkinson Trunk Group Capacity algorithms (use Medium day-to-day Variation and 1.0 Peakedness factor until actual traffic data is available).

TABLE 1

Trunk Group Type	Design Blocking Objective
Local Tandem	1%
Local Direct End Office (Primary High)	ECCS*
Local Direct End Office (Final)	2%
IntraLATA	1%
Local/IntraLATA	1%
InterLATA (Meet Point) Tandem	0.5%
911	1%
Operator Services (DA/DACC)	1%
Trunk Group Type	Design Blocking Objective
Operator Services (0+, 0-)	1%
Busy Line Verification-Inward Only	1%

*During implementation the Parties will mutually agree on an ECCS or some other means for the sizing of this trunk group.

8. TRUNK SERVICING: SBC-ILEC

8.1 Orders between the Parties to establish, add, change or disconnect trunks shall be processed by using an Access Service Request (ASR). CLEC will have administrative control for the purpose of issuing ASR's on two-way trunk groups. In **SBC-AMERITECH** and **SNET** where one-way trunks are used (as discussed in section 3.3), **SBC-AMERITECH** and **SNET** will issue ASRs for trunk groups for traffic that originates in **SBC-ILEC** and terminates to CLEC. The Parties agree that neither Party shall alter trunk sizing without first conferring the other party.

8.2 Both Parties will jointly manage the capacity of Local Interconnection Trunk Groups. Both Parties may send a Trunk Group Service Request (TGSR) to the other Party to trigger changes to the Local Interconnection Trunk Groups based on capacity assessment. The TGSR is a standard industry support interface developed by the Ordering and Billing Forum of the Carrier liaison Committee of the Alliance for Telecommunications Solutions (ATIS) organization. TELCORDIA TECHNOLOGIES Special Report STS000316 describes the format and use of the TGSR. Contact TELCORDIA TECHNOLOGIES at 1-800-521-2673 regarding the documentation availability and use of this form.

8.3 In A Blocking Situation:

8.3.1 In a blocking final situation, a TGSR will be issued by **SBC-ILEC** when additional capacity is required to reduce measured blocking to objective design blocking levels based upon analysis of trunk group data. Either Party upon receipt of a TGSR in a blocking situation will issue an ASR to the other Party within three (3) business days after receipt of the TGSR, and upon review and in response to the TGSR received. The CLEC will note "Service Affecting" on the ASR.

8.4 Underutilization:

8.4.1 Underutilization of Interconnection trunks and facilities exists when provisioned capacity is greater than the current need. This over provisioning is an inefficient deployment and use of network resources and results in unnecessary costs. Those situations where more capacity exists than actual usage requires will be handled in the following manner:

8.4.1.1 If a trunk group is under 75 percent (75%) of CCS capacity on a monthly average basis, for each month of any three (3) consecutive months period, either Party may request the issuance of an order to resize the trunk group, which shall be left with not less than 25 percent (25%) excess capacity. In all cases grade of service objectives shall be maintained.

8.4.1.2 Either party may send a TGSR to the other Party to trigger changes to the Local Interconnection Trunk Groups based on capacity assessment. Upon receipt of a TGSR, the receiving Party will issue an ASR to the other Party within twenty (20) business days after receipt of the TGSR. (20 business days for **PACIFIC/NEVADA** , 10 business days for **SBC-SWBT**, **SBC-AMERITECH**, and **SNET**)

8.4.1.3 Upon review of the TGSR, if a Party does not agree with the resizing, the Parties will schedule a joint planning discussion within the twenty (20) business days. The Parties will meet to resolve and mutually agree to the disposition of the TGSR.

8.4.1.4 If **SBC-ILEC** does not receive an ASR, or if the CLEC does not respond to the TGSR by scheduling a joint discussion within the twenty (20) business day period, **SBC-ILEC** will attempt to contact the CLEC to schedule a joint planning discussion. If the CLEC will not agree to meet within an additional five (5) business days and present adequate reason for keeping trunks operational, **SBC-ILEC** will issue an ASR to resize the Interconnection trunks and facilities.

8.5 In all cases except a blocking situation, either Party upon receipt of a TGSR will issue an ASR to the other Party:

8.5.1 Within twenty (20) business days after receipt of the TGSR, upon review of and in response to the TGSR received; or (20 business days for **PACIFIC/NEVADA**, 10 business days for **SBC-SWBT**, **SBC-AMERITECH**, and **SNET**)

8.5.2 At any time as a result of either Party's own capacity management assessment, in order to begin the provisioning process. The intervals used for the provisioning process will be the same as those used for **SBC-ILEC**'s Switched Access service.

8.6 Projects require the coordination and execution of multiple orders or related activities between and among **SBC-ILEC** and CLEC work groups, including but not limited to the initial establishment of Local Interconnection or Meet Point Trunk Groups and service in an area, NXX code moves, re-homes, facility grooming, or network rearrangements.

8.6.1 Orders that comprise a project, i.e., greater than four (4) DS-1's, shall be submitted at the same time, and their implementation shall be jointly planned and coordinated.

8.7 CLEC will be responsible for engineering its network on its side of the Point of Interconnection (POI). **SBC-ILEC** will be responsible for engineering its network on its side of the POI.

8.8 Due dates for the installation of Local Interconnection and Meet Point Trunks covered by this Appendix shall be based on each of the **SBC-ILEC**'s intrastate Switched Access intervals. If CLEC is unable to or not ready to perform Acceptance Tests, or is unable to accept the Local Interconnection Service Arrangement trunk(s) by the due date, the CLEC will provide with a requested revised service due date that is no more than thirty (30) calendar days beyond the original service due date. If the CLEC requests a service due date change which exceeds the allowable service due date change period, the ASR must be canceled by the CLEC. Should the CLEC fail to cancel such an ASR, **SBC-ILEC** shall treat that ASR as though it had been canceled.

8.9 Trunk servicing responsibilities for OPERATOR SERVICES trunks used for stand-alone Operator Service or Directory Assistance are the sole responsibility of CLEC.

8.10 TRUNK SERVICING – **SBC-SWBT** Exceptions:

8.10.1 The Parties will process trunk service requests submitted via a properly completed ASR within ten (10) business days of receipt of such ASR unless defined as a major project, as stated in 8.6. Incoming orders will be screened by SWBT trunk engineering personnel for reasonableness based upon current utilization and/or consistency with forecasts. If the nature and necessity of an order requires determination, the ASR will be placed in Held Status, and a Joint Planning discussion conducted. Parties agree to expedite this discussion in order to minimally delay order processing. Extension of this review and discussion process beyond two days from

ASR receipt will require the ordering Party to Supplement the order with proportionally adjusted Customer Desired Due Dates. Facilities must also be in place before trunk orders can be completed.

8.11 Utilization shall be defined as Trunks Required as a percentage of Trunks In Service. Trunks Required shall be determined using methods described in section 6.0 using Design Blocking Objectives stated in section 7.1.

9. TRUNK DATA EXCHANGE: SBC-ILEC

9.1 Each Party agrees to service trunk groups to the foregoing blocking criteria in a timely manner when trunk groups exceed measured blocking thresholds on an average time consistent busy hour for a twenty (20) business day study period. The Parties agree that twenty (20) business days is the study period duration objective. However, a study period on occasion may be less than twenty (20) business days but at minimum must be at least three (3) business days to be utilized for engineering purposes, although with less statistical confidence.

9.2 Exchange of traffic data enables each Party to make accurate and independent assessments of trunk group service levels and requirements. Parties agree to establish a timeline for implementing an exchange of traffic data utilizing the DIXC process via a Network Data Mover (NDM) or FTP computer to computer file transfer process. Implementation shall be within three (3) months of the date, or such date as agreed upon, that the trunk groups begin passing live traffic. The traffic data to be exchanged will be the Originating Attempt Peg Count, Usage (measured in Hundred Call Seconds), Overflow Peg Count, and Maintenance Usage (measured in Hundred Call Seconds on a seven (7) day per week, twenty-four (24) hour per day, fifty-two (52) weeks per year basis. These reports shall be made available at a minimum on a semi-annual basis upon request. Exchange of data on one-way groups is optional.

10. NETWORK MANAGEMENT: SBC-ILEC

10.1 Restrictive Controls

10.1.1 Either Party may use protective network traffic management controls such as 7-digit and 10-digit code gaps set at appropriate levels on traffic toward each other's network, when required, to protect the public switched network from congestion due to facility failures, switch congestion, or failure or focused overload. CLEC and **SBC-13 STATE** will immediately notify each other of any protective control action planned or executed.

10.2 Expansive Controls

10.2.1 Where the capability exists, originating or terminating traffic reroutes may be implemented by either Party to temporarily relieve network congestion due to facility failures or abnormal calling patterns. Reroutes will not be used to circumvent normal trunk servicing. Expansive controls will only be used when mutually agreed to by the Parties.

10.3 Mass Calling

10.3.1 CLEC and **SBC-ILEC** shall cooperate and share pre-planning information regarding cross-network call-ins expected to generate large or focused temporary increases in call volumes.

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.

APPENDIX INW

TABLE OF CONTENTS

1. INTRODUCTION 3

2. SERVICES 3

3. DEFINITIONS 4

4. RESPONSIBILITIES OF THE PARTIES 4

5. TOLL CENTER CODES 5

6. PRICING 5

7. MONTHLY BILLING 5

8. LIABILITY 5

9. TERMS OF APPENDIX 6

10. APPLICABILITY OF OTHER RATES, TERMS AND CONDITIONS 6

APPENDIX INW
(Inward Assistance Operator Services)

1. INTRODUCTION

1.1 This Appendix sets forth terms and conditions for Inward Assistance Operator Services provided by the applicable SBC Communications Inc. (SBC) owned Incumbent Local Exchange Carrier (ILEC) and 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, Nevada Bell Telephone Company, The Ohio Bell Telephone Company, Pacific Bell Telephone Company, The Southern New England Telephone Company, Southwestern Bell Telephone Company and/or Wisconsin Bell, Inc. d/b/a Ameritech Wisconsin.

1.3 As used herein, **SBC-ILEC** means the above listed ILEC's doing business in Missouri, Oklahoma, Kansas, Texas. Arkansas, California, Nevada, Connecticut, Illinois, Indiana, Michigan, Ohio and Wisconsin.

1.4 As used herein, **SBC-12STATE** means the applicable above listed ILECs doing business in Arkansas, California, Illinois, Indiana, Kansas, Michigan, Missouri, Nevada, Ohio, Oklahoma, Texas, and Wisconsin.

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

1.6 The prices at which **SBC-ILEC** agrees to provide CLEC Inward Assistance Operator Services are contained in the applicable Appendix Pricing and/or the applicable Commissioned ordered tariff where stated.

2. SERVICES

2.1 Where technically feasible and/or available, **SBC-ILEC** Inward Assistance Operator will provide the following assistance or services when reached by an operator dialing the appropriate Toll Center Code in addition to the inward code.

2.1.1 General Assistance on calls where an attempt to connect the call is required by a local operator.

2.1.2 Busy Line Verification (BLV) service and Busy Line Verification/Interrupt (BLV/I) service.

3. DEFINITIONS

3.1 **"General Assistance**" - A service in which an operator calls the Inward Assistance operator seeking assistance in dialing a number. The assistance could be required, for example, for attempting to dial a number where a 'no ring' condition has been encountered.

3.2 **"Busy Line Verification"** - A service in which an operator asks the Inward Assistance operator to verify a conversation in progress.

3.3 **"Busy Line Verification/ Interrupt" -** A service in which an operator asks the Inward Assistance operator to interrupt a conversation in progress, to determine if one of the parties is willing to speak to the caller requesting the interrupt.

4. RESPONSIBILITIES OF THE PARTIES

4.1 It is the responsibility of the CLEC to order the necessary facilities to interconnect with **SBC-ILEC**'s Operator assistance switches in the various locations throughout **SBC-ILEC** territory.

4.2 Interconnection trunking requirements are described in Appendix ITR.

4.2 CLEC will furnish request for service in writing to **SBC-ILEC**, thirty calendar (30) days in advance of the date when the Inward Assistance Operator Services are to be undertaken, unless otherwise agreed to by **SBC-ILEC**. CLEC or its designated operator services providers shall submit Access Service Requests (ASRs) to **SBC-ILEC** to establish any new interconnection trunking arrangements.

4.5 The requester of this Inward Assistance Operator Services service agreement must provide one Carrier Identification Code (CIC) for its CLEC or Independent Exchange Carrier business operation and one for its InterExchange Carrier (IXC) business operation if the requesting company wishes to receive billing data in a format that separates the service provided to the two business operations.

4.6 **SBC-12STATE** - When utilizing the services of CLEC Inward Assistance**, SBC-12STATE** and CLEC agree that SBC-12STATE will pay CLEC at the same rate CLEC compensate SBC-12State pursuant to the terms of this Appendix.

4.7 **SNET** - When utilizing the services of CLEC Inward Assistance, **SNET** and CLEC agree that compensation will be handled on a separate and unshared basis.

5. TOLL CENTER CODES

5.1 Toll Center Codes will be used by the CLEC Operators for routing and connecting to the **SBC-ILEC** Operator assistance switches. These codes are specific to the various **SBC-ILEC** LATA's where **SBC-ILEC** Operator assistance switches are located.

5.2 **SBC-ILEC** Operator Services will require a Toll Center Code for the CLEC Operator Services assistance switch. This code will be the routing code used for connecting the **SBC-ILEC** Operator to the CLEC Operator on an Inward basis.

5.3 If the CLEC requires establishment of a new Toll Center Code. CLEC shall do so by referencing the Local Exchange Routing Guide (LERG).

6. PRICING

6.1 **SBC-12STATE** - Pricing for Inward Assistance Operator Services shall be based on the rates specified in Appendix Pricing. The price set forth in Appendix Pricing is reciprocal and shall be the price **SBC-12STATE** will pay CLEC when the **SBC-12STATE** Operator utilizes the Inward Assistance of CLEC operator.

6.2 **SNET** - Pricing for Inward Assistance Operator Services is non-reciprocal and is based on the rate specified in Appendix Pricing.

7. MONTHLY BILLING

7.1 **SBC-ILEC** will render monthly billing statements to CLEC, and remittance in full will be due within thirty (30) days of receipt. CLEC will render monthly billing to **SBC-ILEC** and remittance in full will be due within thirty (30) days of receipt. .

8. LIABILITY

8.1 The CLEC agrees to defend and hold harmless **SBC-ILEC** from any and all losses, damages, or other liability including attorneys fees that the carrier may incur as a result of claims, demands, wrongful death actions, or other suits brought by any party that arise out of the carrier's operator use of Inward Assistance Operator Services on the behalf of the carrier's End Users. The CLEC shall defend against all end user claims just as if the carrier operator had provided such service to its end user directly and shall assert its tariff limitation of liability for benefit of both **SBC-ILEC** and carrier.

8.2 The CLEC also agrees to release, defend and hold harmless **SBC-ILEC** from any claim, demand or suit that asserts any infringement or invasion of privacy or confidentiality of any person or persons caused or claimed to be caused, directly, or indirectly, by **SBC-ILEC** employees and equipment associated with provision of the Inward Assistance Operator Services. This provision includes but is not limited to suits, claims, and demands arising from disclosure of the telephone number, address, or name associated with the telephone called.

9. TERMS OF APPENDIX

9.1 This Appendix will continue in force for the length of the Interconnection Agreement, but no less than twelve (12) months. At the expiration of the term of the Interconnection Agreement to which this Appendix is attached or twelve (12) months, whichever occurs later, either Party may terminate this Appendix upon one hundred-twenty (120) calendar days written notice to the other Party.

9.2 If the CLEC terminates this Appendix prior to the expiration of the term of this Appendix, CLEC shall pay **SBC-ILEC**, within thirty (30) days of the issuance of any bills by **SBC-ILEC**, all amounts due for actual services provided under this Appendix, plus estimated monthly charges for the remainder of the term. Estimated charges will be based on an average of the actual monthly amounts billed by **SBC-ILEC** pursuant to this Appendix prior to its termination.

9.3 The rates applicable for determining the amount(s) under the terms outlined in this Section are those specified in Appendix Pricing.

10. APPLICABILITY OF OTHER RATES, TERMS AND CONDITIONS

10.1 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.

APPENDIX INW

EXHIBIT I

SERVING AREA

OPERATOR SERVICES PROVIDER LOCATION:

CLEC SWITCH SERVING LOCATIONS:

CITY	NPA-NXX	LATA

ADDITIONAL SHEETS SHOULD BE ADDED AS REQUIRED.

APPENDIX MESSAGE EXCHANGE

TABLE OF CONTENTS

1. INTRODUCTION…… ……3

2. DEFINITIONS ……3

3. DESCRIPTION OF BILLING SERVICES……...5

4. COLLECTION SERVICES……5

5. CHANGES TO PROVIDER SERVICES & RATES……6

6. SETTLEMENT ARRANGEMENT & PAYMENT –PACIFIC & NEVADA……6

7. SETTLEMENT ARRANGEMENT & PAYMENT –SBC-AMERITECH…….8

8. APPLICABILITY OF OTHER RATES, TERMS AND CONDITIONS.....9

MESSAGE EXCHANGE AND SETTLEMENT OF RATED MESSAGE DETAIL AND/OR THE SETTLEMENT OF MESSAGE REVENUE FOR RESALE AND UNBUNDLED SERVICE

1. INTRODUCTION

1.1 This Appendix sets forth terms and conditions for the exchange record detail and settlement of revenues for call detail messages provided to CLEC as a result of the CLEC's purchase of Resale Services or appropriate Unbundled Network Elements from an SBC Communications Inc. (SBC) owned Incumbent Local Exchange Carrier (ILEC

1.2 As used herein, **SBC-ILEC** means the applicable SBC owned ILEC doing business in Arkansas, California, Connecticut, Illinois, Indiana, Kansas, Michigan, Missouri, Nevada, Ohio, Oklahoma, Texas and Wisconsin.

1.3 As used herein, **SBC-AMERITECH** means the applicable SBC owned ILEC doing business in Illinois, Indiana, Michigan, Ohio, and Wisconsin.

1.4 As used herein, **SBC-SWBT** means the applicable SBC owned ILEC doing business in Arkansas, Kansas, Missouri, Oklahoma, and Texas.

1.5 As used herein, **PACIFIC** means the applicable SBC owned ILEC doing business in California.

1.6 As used herein, **NEVADA** means the applicable SBC owned ILEC doing business in Nevada.

1.7 As used herein, **SNET** means the applicable SBC owned ILEC doing business in Connecticut.

2. DEFINITIONS:

2.1 **"555"** is an **SBC-AMERITECH** service by which Providers offer information services for a fee to a CLEC End-User who dials a number using the "555" prefix.

2.2 **"900"** is a **PACIFIC** and **NEVADA** service by which Providers offer audio services for a fee to a CLEC End-User who dials a number using the "900" prefix.

2.3 **"976"** is an **SBC-AMERITECH**, **PACIFIC** and **NEVADA** service by which Providers offer audio services for a fee to a CLEC End-User who dials a number using the "976" prefix.

2.4 **"Abbreviated Dialing"** is an **SBC-AMERITECH** service by which Providers offer information services for a fee to a CLEC End-User who dials a telephone number with less than seven digits.

2.5 **"Adjustments"** are dollar amounts that are credited to an End-User account. The primary reason for an adjustment is typically an End-User denying that the call was made from their telephone.

2.6 **"Ancillary Message Services"** available in **SBC-AMERITECH**, **PACIFIC**, and **NEVADA**. Included in **SBC-AMERITECH** offerings are Abbreviated Dialing, 555 services, 976 services, CPP Cellular services and CPP Paging services. **PACIFIC** and **NEVADA** provide 900/976.

2.7 **"Calling Party Pays Cellular"** or **"CPP Cellular"** is an **SBC-AMERITECH** service where an End-User placing a call to a cellular telephone agrees to pay the charges for the call. Typically, an announcement is played to the End-User giving the End-User the option to accept the charges or to end the call without incurring charges.

2.8 **"Calling Party Pays Paging"** or **"CPP Paging"** is an **SBC-AMERITECH** service where an End-User placing a call to a pager agrees to pay the charges for the call. Typically, an announcement is played to the End-User giving the End-User the option to accept the charges or to end the call without incurring charges.

2.9 **"CLEC CATS Messages"** means intraLATA Calling Card and third number billed messages billed to a CLEC End-User telephone where the LEC carrying the call is Pacific or any other LEC, and the originating and billed telephone numbers are located in different Telcordia Client Company territories.

2.10 **"Provider"** is the entity that offers an **SBC-AMERITECH**, **PACIFIC**, or **NEVADA** Ancillary Message Service to an End-User.

2.11 **"Uncollectibles"** are amounts billed to CLEC's End-Users, which after standard intervals and application of standard collection procedures, are determined by CLEC to be impracticable of collection and are written off as bad debt on final accounts. Uncollectibles are recoursed back to the Provider.

2.12 "**CLEC Non-CATS Messages** are IntraLATA collect, calling card, or third number-billed messages where the charges are billed to the CLEC's End-User and the originating Party is an End-User of SBC or that of another LEC and both End-Users are located in the same Telcordia Client Company territory.

3. DESCRIPTION OF BILLING SERVICES

3.1 **SBC-ILEC** will receive LEC carried ABS messages being billed to CLEC End-User lines as detailed in the General Terms and Conditions of the Agreement to which this Appendix is attached. **SBC-ILEC** shall forward rated messages to CLEC on the Daily Usage File (DUF).

3.2 **PACIFIC** and **NEVADA** shall provide revenue settlement for all messages supplied to CLEC on DUF; provided, however, that revenue settlement for CLEC Non-CATS Messages shall only be provided by **PACIFIC** with those LECs with whom **PACIFIC** has executed an Agreement covering the Settlement of Non-CATS Messages. Pacific shall provide CLEC with a list of all such LECs upon request.

3.3 **SBC-SWBT**, **SNET**, and **SBC-AMERITECH** shall bill charges to the CLEC Resale or UNE port account to recover revenue that it has paid to another carrier for ABS messages billing to a CLEC Resale or UNE port End-User account.

3.4 As a part of provisioning local service for CLEC, **SBC-ILEC** will block End-User access to 900/976 numbers upon specific written request by CLEC for each separate End User line

3.5 CLEC shall block End-User access to Ancillary Message Services upon **SBC-ILEC**'s written request.

3.6 If blocking is not requested, **SBC-ILEC** shall record all Ancillary Message Service calls transported by SBC that originate from a CLEC's End-User's telephone number. SBC shall provide the CLEC with formatted records for each Ancillary Message Service billable call in accordance with each Provider's requested rates. In the case where CLEC's switch generates call information, CLEC will provide **SBC-AMERITECH**, **PACIFIC** or **NEVADA** with call information for each call on a daily basis. **SBC-AMERITECH**, **PACIFIC** or **NEVADA** will rate the call with each Provider's requested rates and return a formatted record to the CLEC. CLEC shall confirm receipt of such formatted records within twenty-four (24) hours of receipt.

4. COLLECTION SERVICES

4.1 CLEC shall exercise good faith efforts to bill and collect all amounts due from its End-Users for messages distributed under this Appendix. CLEC warrants that the billing and collection for messages distributed under this Appendix shall be at a performance level no less than CLEC uses for the billing of its own local Telecommunication Services, which in no event shall be inconsistent with generally accepted industry standards of operation for the provision of billing and collection services.

4.2 All messages should be billed within 30 days of receipt. CLEC further agrees that the billing and collection process for messages distributed under this Appendix shall comply with all Applicable Laws.

5. CHANGES TO PROVIDER'S SERVICES AND RATES

5.1 CLEC acknowledges and understands that the amount which a Provider elects to charge those who place calls to an Ancillary Message Service is at Provider's sole discretion.

6. SETTLEMENT ARRANGEMENT AND PAYMENT—PACIFIC AND NEVADA

6.1 For messages billed to CLEC End-Users that **PACIFIC** or **NEVADA** forward to CLEC as set forth in Section 3 above, **PACIFIC** or **NEVADA** shall calculate the amount due based on the following formula:

Rated Value of 900/976 Messages (if applicable)
\+ Rated Value of CLEC CATS and Non-CATS Messages
\- Rejected/Unbillable/Uncollectible Messages
\- CLEC Billing Charge
\+ **PACIFIC** or **NEVADA** Settlement Charge

= Amount Due **PACIFIC** or **NEVADA**

6.1.1 As used in Subsection 6.1 above the following terms are defined as set forth below:

6.1.1.1 Rated Value of CLEC CATS Messages and Non-CATS Messages means the total computed charges for CLEC CATS and Non-CATS Messages based on the schedule of rates for the LEC which carried the call. Settlement of Non-CATS Messages is contingent on the conditions set forth in Section 3.2 hereof being satisfied.

6.1.1.2 Rejected Messages means the rated value of CLEC CATS Messages and Non-CATS Messages that failed to pass the edits within CLEC's system and were returned to **PACIFIC** or **NEVADA** via the daily feed within 10 days of originally being received from **PACIFIC** or **NEVADA**.

6.1.1.3 Unbillable Messages means the rated value of CLEC CATS Messages and Non-CATS Messages that were not billable to a CLEC End-User because of missing information in the billing record or other billing error, not the result of an error by CLEC, that are returned to **PACIFIC** or **NEVADA** via the daily feed

within 30 days of originally being received from **PACIFIC** or **NEVADA.**

6.1.1.4 Uncollectible Messages means the rated value of CLEC CATS Messages and Non-CATS Messages billed by CLEC to subscribers that are unpaid, have been debited to final write-off by CLEC and have been returned to **PACIFIC** or **NEVADA** via the daily feed within 20 days of final write-off.

6.1.1.5 CLEC Billing Charge means the CLEC per message billing rate, as set forth in Appendix Pricing under CLEC Billing Rate, times the number of CLEC CATS and Non-CATS Messages forwarded by **PACIFIC** or **NEVADA** to CLEC.

6.1.1.6 **PACIFIC** or **NEVADA** Settlement Charge means the **PACIFIC** or **NEVADA** per message settlement charge, set forth in Appendix Pricing, times the number of CLEC CATS and Non-CATS Messages forwarded by **PACIFIC** or **NEVADA** to CLEC. Only CLEC CATS and Non-CATS Messages for which the Transporting LEC is other than **PACIFIC** or **NEVADA** shall be included in the calculation of the **PACIFIC** or **NEVADA** Settlement Charge.

6.2 Within 30 business days following the end of each calendar month, **PACIFIC** or **NEVADA** shall provide CLEC with:

6.2.1 The Non-CMDS Outcollects Report that calculates the Amount Due **PACIFIC** or **NEVADA** as set forth in Section 6.1 and

6.2.2 An Invoice setting forth the Amount Due **PACIFIC** or **NEVADA**.

6.3 The CLEC shall have 22 calendar days from receipt of the Invoice to pay the Amount Due ("Invoice Due Date"). Any payment received by **PACIFIC** or **NEVADA** after the Invoice Due Date shall be subject to a Late Payment Charge as detailed in Section 8.1 of the General Terms and Conditions of the Agreement to which this Appendix is attached.

6.4 Disputes over any billed amount shall be handled as set forth in Section 10 of the General Terms and Conditions of the Agreement to which this Appendix is attached.

6.5 That portion of the Amount Due **PACIFIC** or **NEVADA**, calculated as set forth in Section 6.1 attributable to LECs for which **PACIFIC** or **NEVADA** is the CMDS Host or LECs with whom **PACIFIC** or **NEVADA** has an Agreement covering the Settlement of Non-CATS messages shall be settled between

PACIFIC or **NEVADA** and the LECs as set forth in the Appendix **PACIFIC** or **NEVADA** shall provide CLEC with an updated list in writing of all LECs with which **PACIFIC** or **NEVADA** has such Agreements.

6.6 To the extent, but only to the extent, necessary to accurately bill, record, report, and Invoice as required by this Appendix, the Parties grant each other a limited exception to the prohibitions set forth in Section 20 of the General Terms and Conditions of the Agreement to which this Appendix is attached.

7. SETTLEMENT ARRANGEMENT AND PAYMENT – SBC-AMERITECH

7.1 Ameritech shall pay for the Billing and Collection Services for Ancillary Message Services described herein at the rates set forth in Appendix Pricing as "Ancillary Billing Message Compensation."

7.2 The amount due to **SBC-AMERITECH** under this Appendix shall be the total of all billable charges submitted to CLEC under this Appendix, less:

7.2.1 All charges due CLEC under subsection 7.1;

7.2.2 Amounts declared Uncollectible as provided in subsection 7.5;

7.2.3 Adjustments as provided in subsection 7.4;

7.2.4 Taxes collected from CLEC End-Users.

7.3 CLEC shall provide **SBC-AMERITECH** with a monthly statement of amounts billed, amounts collected, amounts adjusted, uncollectible amounts and End-User taxes by taxing authority and by Provider including the program number and the amount of taxes applied to the services, as described in the Guidelines. The monthly statement should be received by **SBC-AMERITECH** on or before the fifth Business Day of every month. Payment of the amount owed to **SBC-AMERITECH** by CLEC as calculated in Section 7.2 hereof is due and shall be paid to **SBC-AMERITECH** on or before thirty (30) calendar days from the date of the monthly statement. Past due amounts shall accrue late charges at the rate set forth in Section 8.1 of the General Terms and Conditions of the Agreement to which this Appendix is attached.

7.4 Adjustments

7.4.1 CLEC may remove a disputed charge from an End-User's account within sixty (60) calendar days from the date of the message; provided that notice of the adjustment is received by **SBC-AMERITECH** within sixty (60) calendar days from the date of the message.

7.5 Uncollectibles

7.5.1 CLEC may recourse to **SBC-AMERITECH** an actual uncollectible amount from an End-User's account, provided that notice of the recourse of the uncollectible amount is given by CLEC to **SBC-AMERITECH** within one hundred twenty (120) calendar days from the date of the message.

7.6 Taxes

7.6.1 Taxes Imposed on Services Performed or Provided by CLEC. CLEC shall be responsible for payment of all sales, use or other taxes of a similar nature, including interest and penalties on all services performed or provided by CLEC.

7.6.2 Taxes on Ancillary Message Services. CLEC shall be responsible for applying taxes as determined by Provider for all Ancillary messages billed hereunder as specified in the Guidelines. Each Provider shall be responsible for determining what taxes apply to the service it provides and for notifying **SBC-AMERITECH** of those taxes. **SBC-AMERITECH** shall notify CLEC of this information and pursuant to this Agreement CLEC shall bill and collect such taxes based on information supplied by Provider and shall remit such taxes to **SBC-AMERITECH**. CLEC shall identify the amount of taxes and type of taxes, by Provider. **SBC-AMERITECH** shall then remit such collected taxes to the Provider. Provider shall remit any taxes it owes to the taxing authority.

8. APPLICABILITY OF OTHER RATES, TERMS AND CONDITIONS

8.1 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.

APPENDIX NIM
(NETWORK INTERCONNECTION METHODS)

TABLE OF CONTENTS

1. INTRODUCTION 3

2. PHYSICAL ARCHITECTURE 4

3. METHODS OF INTERCONNECTION 6

4. RESPONSIBILITIES OF THE PARTIES 9

5. JOINT FACILITY GROWTH PLANNING 10

6. LEASING OF FACILITIES 12

7. APPLICABILITY OF OTHER RATES, TERMS AND CONDITIONS 13

APPENDIX NIM
(NETWORK INTERCONNECTION METHODS)

1. INTRODUCTION

1.1 This Appendix sets forth the terms and conditions that Network Interconnection Methods (NIM) is provided by the applicable SBC Communications Inc. (SBC) owned Incumbent Local Exchange Carrier (ILEC) and CLEC. This Appendix describes the physical architecture for Interconnection of the Parties' facilities and equipment for the transmission and routing of Telephone Exchange Service traffic and Exchange Access traffic between the respective Customers of the Parties pursuant to Section 251(c)(2) of the Act; provided, however, Interconnection may not be used solely for the purpose of originating a Party's own interexchange traffic.

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, Nevada Bell Telephone Company, The Ohio Bell Telephone Company, Pacific Bell Telephone Company, The Southern New England Telephone Company, Southwestern Bell Telephone Company and/or Wisconsin Bell, Inc. d/b/a Ameritech Wisconsin.

1.3 **SBC-13 STATE** - As used herein, **SBC-13 STATE** means the above listed ILECs doing business in Missouri, Kansas, Arkansas, Oklahoma, Texas, California, Connecticut, Nevada, Illinois, Indiana, Michigan, Ohio and Wisconsin.

1.4 **SBC-SWBT** - As used herein, **SBC-SWBT** means the above listed ILEC doing business in Missouri, Kansas, Arkansas, Oklahoma, and Texas.

1.5 **PACIFIC** - As used herein, **PACIFIC** means the above listed ILEC doing business in California.

1.6 **NEVADA** - As used herein, **NEVADA** means the above listed ILEC doing business in Nevada.

1.7 **SNET** - As used herein, **SNET** means the above listed ILEC doing business in Connecticut.

1.8 **SBC-AMERITECH** - As used herein, **SBC-AMERITECH** means the above listed ILECS doing business in Illinois, Indiana, Michigan, Ohio and Wisconsin.

1.9 Network Interconnection Methods (NIMs) include, but are not limited to, Physical Collocation Interconnection; Virtual Collocation Interconnection; Leased Facilities Interconnection; Fiber Meet Interconnection; and other methods as

mutually agreed to by the Parties. One or more of these methods may be used to effect the Interconnection in each local exchange area (in **SBC-SWBT**) and each LATA (in **SNET, PACIFIC**, **NEVADA**, **SBC-AMERITECH**).

1.9.1 Trunking requirements associated with Interconnection (including local exchange and LATA trunking requirements) are contained in Appendix ITR.

1.9.2 Interconnection associated with Unbundled Network Elements (UNEs) is contained in Appendix UNE. For **SNET** Interconnection associated with Unbundled Network Elements is offered from the Connecticut Access Tariff.

1.10 **SBC-ILEC** shall provide Interconnection for CLEC's facilities and equipment for the transmission and routing of telephone exchange service and exchange access, at a level of quality that is equal to that which **SBC-ILEC** provides itself, a subsidiary, an affiliate, or any other party to which **SBC-ILEC** provides Interconnection and on rates, terms and conditions that are just, reasonable and non-discriminatory.

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

2. PHYSICAL ARCHITECTURE

2.1 **SBC-ILEC**'s network is partly comprised of End Office switches, Tandem switches that serve local only traffic (**SBC-SWBT**), Tandem switches that serve IntraLATA and InterLATA traffic, and Tandem switches that serve a combination of local, IntraLATA and InterLATA traffic. **SBC-ILEC**'s network architecture in any given local exchange area and/or LATA can vary markedly from another local exchange area/LATA. Using one or more of the NIMs herein, the Parties will agree to a physical architecture plan for a specific Interconnection area. Due to differing state regulatory calling scope requirements, **SBC-SWBT** requires Interconnection in each local exchange area, while **SNET**, **PACIFIC, NEVADA** and **SBC-AMERITECH** require Interconnection at all Tandems in a LATA. CLEC and **SBC-ILEC** agree to Interconnect their networks through existing and/or new Interconnection facilities between CLEC switch(es) and **SBC-ILEC** End Office(s) and/or Tandem switch(es). The physical architecture plan will, at a minimum, include the location of CLEC's switch (es) and **SBC-ILEC**'s End Office switch(es) and/or Tandem switch(es) to be interconnected, the facilities that will connect the two networks and which Party will provide (be financially responsible for) the Interconnection facilities. At the time of implementation in a given local exchange area the plan will be documented and signed by appropriate

representatives of the Parties, indicating their mutual agreement to the physical architecture plan.

2.2 Points of Interconnection (POIs): A Point of Interconnection (POI) is a point in the network where the Parties deliver Interconnection traffic to each other, and also serves as a demarcation point between the facilities that each Party is responsible to provide. In many cases, multiple POI(s) will be necessary to balance the facilities investment and provide the best technical implementation of Interconnection requirements to each Tandem within and exchange area and/or LATA. Both parties shall negotiate the architecture in each location that will seek to mutually minimize and equalize investment.

2.3 The Parties agree to meet as often as necessary to negotiate the selection of new POIs. The overall goal of POI selection will be to achieve a balance in the provision of facilities that is fair to both Parties. Criteria to be used in determining POIs for each geography (LATA, tandem area, etc.) include existing facility capacity, location of existing POIs, traffic volumes, relative costs, future capacity needs, etc. Agreement to the location of POIs is based on the network architecture existing at the time the POI(s) is/are negotiated. In the event either Party makes subsequent changes to its network architecture, including but not limited to trunking changes or adding new switches, then the Parties will negotiate new POIs. The mutually agreed to POIs will be documented and distributed to both Parties.

2.4 Each Party is responsible for the facilities to its side of the POI(s) and may utilize any method of Interconnection described in this Appendix. Each Party is responsible for the appropriate sizing, operation, and maintenance of the transport facility to the POI(s). At least one POI must be established within the geographic area where **SBC-ILEC** operates as an incumbent LEC and CLEC has a switch and End Users in that area.

2.5 Either Party, must provide thirty (30) days written notice of any changes to the physical architecture plan.

2.6 In each LATA the Parties agree to provide, at a minimum, sufficient facilities so that a local Interconnection trunk group can be established from the CLEC switch to each **SNET**, **PACIFIC**, **NEVADA**, **SBC-AMERITECH** Access Tandem where CLEC originates or terminates local and/or toll traffic with **SBC-ILEC**.

2.7 CLEC is solely responsible for the facilities that carry OS/DA, 911 or mass calling. **SBC-ILEC** may allow, solely at its discretion, CLEC to use jointly provided Interconnection facilities to carry service traffic of this type.

2.8 If CLEC has established Collocation in a **SBC-ILEC** End Office, direct End Office trunks to that End Office shall be provisioned over CLEC Collocation

facility. If CLEC has not established Collocation in a **SBC-ILEC** End Office, **SBC-ILEC** shall provision the facilities for the direct End Office trunks from the POI to the **SBC-ILEC** End Office.

2.9 Technical Interfaces

2.9.1 The Interconnection facilities provided by each Party shall be formatted using either Alternative Mark Inversion (AMI) line code with Superframe format framing or B8ZS with Extended Superframe format framing.

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

3. METHODS OF INTERCONNECTION

3.1 Physical Collocation Interconnection

3.1.1 When CLEC provides their own facilities or uses the facilities of a 3rd party to a **SBC-ILEC** Tandem or End Office and wishes to place their own transport terminating equipment at that location, CLEC may Interconnect using the provisions of Physical Collocation as set forth in Appendix Collocation or applicable state tariff.

3.2 Virtual Collocation Interconnection

3.2.1 When CLEC provides their own facilities or uses the facilities of a 3rd party to a **SBC-ILEC** Tandem or End Office and wishes for **SBC-ILEC** to place transport terminating equipment at that location on the CLEC's behalf, they may Interconnect using the provisions of Virtual Collocation as set forth in Appendix Collocation or applicable tariff. Virtual Collocation allows CLEC to choose the equipment vendor and does not require that CLEC be Physically Collocated.

3.3 Leased Facility Interconnection ("LFI")

3.3.1 Where facilities exist, either Party may lease facilities from the other Party as defined in Section 6 of this Appendix.

3.4 Fiber Meet Interconnection

3.4.1 Fiber Meet Interconnection between **SBC-ILEC** and CLEC can occur at any mutually agreeable, economically and technically feasible point between CLEC's premises and a **SBC-ILEC** Tandem or End Office within each local exchange (**SBC-SWBT**) or LATA (**SBC-AMERITECH**, **SNET**, **PACIFIC**, and **NEVADA**).

3.4.2 Where the Parties interconnect their networks pursuant to a Fiber Meet, the Parties shall jointly engineer and operate this Interconnection as a single point-to-point linear chain system. Only Interconnection trunks shall be provisioned over this facility.

3.4.3 Neither Party will be allowed to access the Data Communications Channel ("DCC") of the other Party's Fiber Optic Terminal (FOT). The Fiber Meet will be designed so that each Party may, as far as is technically feasible, independently select the transmission, multiplexing, and fiber terminating equipment to be used on its side of the POI(s). The Parties will work cooperatively to achieve equipment and vendor compatibility of the FOT equipment. Requirements for such Interconnection specifications will be defined in joint engineering planning sessions between the Parties. The Parties may share the investment of the fiber as mutually agreed. The Parties will use good faith efforts to develop and agree on these facility arrangements within ninety (90) days of the determination by the Parties that such specifications shall be implemented, and in any case, prior to the establishment of any Fiber Meet arrangements between them.

3.4.4 There are four basic Fiber Meet design options. The option selected must be mutually agreeable to both Parties. Additional arrangements may be mutually developed and agreed to by the Parties pursuant to the requirements of this section.

3.4.4.1 Design One: CLEC's fiber cable (four fibers) and **SBC-ILEC**'s fiber cable (four fibers) are connected at an economically and technically feasible point between the CLEC and **SBC-ILEC** locations. This Interconnection point would be at a mutually agreeable location approximately midway between the two. The Parties fiber cables would be terminated and then cross connected on a fiber termination panel as discussed below under the Fiber Termination Point options section. Each Party would supply a fiber optic terminal at their respective end. The POI would be at the fiber termination panel at the mid-point meet.

3.4.4.2 Design Two: CLEC will provide fiber cable to the last entrance (or **SBC-ILEC** designated) manhole at the **SBC-ILEC** Tandem

or End Office switch. **SBC-ILEC** shall make all necessary preparations to receive and to allow and enable CLEC to deliver fiber optic facilities into that manhole. CLEC will provide a sufficient length of Optical Fire Resistant (OFR) cable for **SBC-ILEC** to pull the fiber cable through the **SBC-ILEC** cable vault and terminate on the **SBC-ILEC** fiber distribution frame (FDF) in **SBC-ILEC**'s office. CLEC shall deliver and maintain such strands wholly at its own expense up to the POI. **SBC-ILEC** shall take the fiber from the manhole and terminate it inside **SBC-ILEC**'s office on the FDF at **SBC-ILEC**'s expense. In this case the POI shall be at the **SBC-ILEC** designated manhole location.

3.4.4.3 Design Three: **SBC-ILEC** will provide fiber cable to the last entrance (or CLEC designated) manhole at the CLEC location. CLEC shall make all necessary preparations to receive and to allow and enable **SBC-ILEC** to deliver fiber optic facilities into that manhole. **SBC-ILEC** will provide a sufficient length of Optical Fire Resistant (OFR) cable for CLEC to run the fiber cable from the manhole and terminate on the CLEC fiber distribution frame (FDF) in CLEC's location. **SBC-ILEC** shall deliver and maintain such strands wholly at its own expense up to the POI. CLEC shall take the fiber from the manhole and terminate it inside CLEC's office on the FDF at CLEC's expense. In this case the POI shall be at the CLEC designated manhole location.

3.4.4.4 Design Four: Both CLEC and **SBC-ILEC** each provide two fibers between their locations. This design may only be considered where existing fibers are available and there is a mutual benefit to both Parties. **SBC-ILEC** will provide the fibers associated with the "working" side of the system. CLEC will provide the fibers associated with the "protection" side of the system. The Parties will work cooperatively to terminate each other's fiber in order to provision this joint point-to-point linear chain SONET system. Both Parties will work cooperatively to determine the appropriate technical handoff for purposes of demarcation and fault isolation. The POI will be defined as being at the **SBC-ILEC** location.

3.4.5 CLEC location includes FOTs, multiplexing and fiber required to terminate the optical signal provided from **SBC-ILEC**. This location is CLEC's responsibility to provision and maintain.

3.4.6 The **SBC-ILEC** location includes all **SBC-ILEC** FOT, multiplexing and fiber required to terminate the optical signal provided from CLEC. This location is **SBC-ILEC**'s responsibility to provision and maintain.

3.4.7 **SBC-ILEC** and CLEC shall, solely at their own expense, procure, install, and maintain the agreed-upon FOT equipment in each of their locations where the Parties established a Fiber Meet in capacity sufficient to provision and maintain all trunk groups prescribed by Appendix ITR for the purposes of Interconnection.

3.4.8 Each Party shall provide its own, unique source for the synchronized timing of its FOT equipment. Each timing source must be Stratum-1 traceable and cannot be provided over DS0/DS1 facilities, via Line Timing; or via a Derived DS1 off of FOT equipment. Both Parties agree to establish separate and distinct timing sources which are not derived from the other, and meet the criteria identified above.

3.4.9 CLEC and **SBC-ILEC** will mutually agree on the capacity of the FOT(s) to be utilized based on equivalent DS1s or DS3s. Each Party will also agree upon the optical frequency and wavelength necessary to implement the Interconnection. The Parties will develop and agree upon methods for the capacity planning and management for these facilities, terms and conditions for over provisioning facilities, and the necessary processes to implement facilities as indicated below. These methods will meet quality standards as mutually agreed to by CLEC and **SBC-ILEC**.

3.5 Other Interconnection Methods

3.5.1 Other Interconnection methods that are technically feasible may be mutually agreed to by the Parties.

4. RESPONSIBILITIES OF THE PARTIES

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

4.2 Upon receipt of CLEC's notice to interconnect, the Parties shall schedule a meeting to negotiate and mutually agree on the network architecture (including trunking) to be documented as discussed in Section 2.1. The Interconnection activation date for an Interconnect shall be established based on then-existing

force and load, the scope and complexity of the requested Interconnection and other relevant factors.

4.3 If CLEC deploys additional switches in a LATA after the Effective Date or otherwise wishes to establish Interconnection with additional **SBC-ILEC** Central Offices, CLEC shall provide written notice to **SBC-ILEC**, to establish such Interconnection. The terms and conditions of this Agreement shall apply to such Interconnection. If **SBC-ILEC** deploys additional Tandems and/or End Office switches in a local exchange/LATA after the effective date or otherwise wishes to establish Interconnection with additional CLEC Central Offices in such local exchange/LATA, **SBC-ILEC** shall be entitled, upon written notice to CLEC, to establish such Interconnection and the terms and conditions of this Agreement shall apply to such Interconnection.

4.4 CLEC and **SBC-ILEC** shall work cooperatively to install and maintain a reliable network. CLEC and **SBC-ILEC** shall exchange appropriate information (e.g., maintenance contact numbers, network information, information required to comply with law enforcement and other security agencies of the Government and such other information as the Parties shall mutually agree) to achieve this desired reliability.

4.5 CLEC and **SBC-ILEC** will review engineering requirements on a semi-annual basis and establish forecasts for facilities utilization provided under this Appendix.

4.6 CLEC and **SBC-ILEC** shall:

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

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

4.6.3 Recognize that a facility handoff point must be agreed to that establishes the demarcation for maintenance and provisioning responsibilities for each party on their side of the POI.

5. JOINT FACILITY GROWTH PLANNING

5.1 The initial fiber optic system deployed for each Interconnection shall be agreed to by the Parties. The following lists the criteria and processes needed to satisfy additional capacity requirements beyond the initial system.

5.2 Criteria:

5.2.1 Investment is to be minimized.

5.2.2 Facilities will be planned for in accordance with the trunk forecasts exchanged between the Parties as described in Appendix ITR and are to be deployed in accordance with the Processes described below.

5.3 Processes:

5.3.1 In addition to the semi-annual forecast process, discussions to provide relief to existing facilities can be initiated by either party. Actual system augmentations will be initiated upon mutual agreement.

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

5.3.3 If based on the forecasted equivalent DS-1 growth where the existing fiber optic system is not projected to exhaust within one year, the Parties will suspend further relief planning on this Interconnection until a date one year prior to the projected exhaust date. If growth patterns change during the suspension period, either Party may re-initiate the joint planning process.

5.3.4 If the placement of a minimum size system will not provide adequate augmentation capacity for the joint forecast over a two-year period and the forecast appears reasonable, the next larger system may be deployed. If the forecast does not justify a move to the next larger system, another appropriately sized system could be placed. This criteria assumes both Parties have adequate fibers for either scenario. If adequate fibers do not exist, both Parties would negotiate placement of additional fibers.

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

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

6. LEASING OF FACILITIES

6.1 The purpose of this section is to cover both CLEC's and **SBC-SWBT**, **PACIFIC** and **NEVADA** leasing of facilities from each other for purposes of Interconnection. **SBC-AMERITECH** and **SNET** offers leased facilities from the applicable Access Tariff.

6.2 The Parties leasing of facilities from each other for purposes of this Appendix will be subject to mutual agreement of the Parties.

6.3 Leasing of facilities from either party for the above purposes and any future augmentations are subject to facility availability at the time of the written request.

6.4 The requesting Party will provide a written leased facility request that will specify the A- and Z-ends (CLLI codes, where known), equipment and multiplexing required and provide quantities requested. Requests for leasing of facilities for the purposes of Interconnection and any future augmentations are subject to facility availability at the time of the request. Applicable rates, terms and conditions will be determined at the time of the request.

6.5 Any request by either Party for leased facilities where facilities, equipment, or riser cable do not exist will be considered and the requested Party may agree to provide under a Bona Fide Request (BFR) Process as defined below, unless otherwise provided out of a tariff, at the providing Party's sole discretion:

6.5.1 A BFR will be submitted by the requesting Party in writing and will include a description of the facilities needed including the quantity, size (DS1 or DS3), A- and Z-end of the facilities, equipment and multiplexing requirements, and date needed.

6.5.2 The requesting Party may cancel a BFR at any time, but will pay the requested Party any reasonable and demonstrable costs of processing and/or implementing the BFR up to the date of cancellation.

6.5.3 Within ten (10) business days of its receipt, the requested Party will acknowledge receipt of the BFR.

6.5.4 Except under extraordinary circumstances, within thirty (30) business days of its receipt of a BFR, the requested Party will provide to the requesting Party a written response to the request. The response will confirm whether the leased facilities will be offered or not. If the leased facilities will be offered, the requested Party will provide the requesting Party a BFR quote which will include the applicable recurring rates and installation intervals.

6.5.5 Within 65 calendar days of its receipt of the BFR quote, the requesting Party must confirm its order. If not confirmed within 65 calendar days, the requested Party reserves the right to modify or withdraw its BFR quote.

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.

APPENDIX NUMBER PORTABILITY

TABLE OF CONTENTS

1. INTRODUCTION 3

2. INTERIM NUMBER PORTABILITY (INP) [SBC-SWBT ONLY] 4

3. PERMANENT NUMBER PORTABILITY (PNP) 8

4. INP TO PNP TRANSITION 12

5. MASS CALLING CODES 14

6. PROVISION OF INP AND PNP BY CLEC TO SBC-SWBT 16

7. PROVISION OF PNP BY CLEC TO PACIFIC/NEVADA/SBC-AMERITECH 16

8. APPLICABILITY OF OTHER RATES, TERMS AND CONDITIONS 16

EXHIBIT 1 [SBC-SWBT ONLY]

APPENDIX NP
(NUMBER PORTABILITY)

1. INTRODUCTION

1.1 This Appendix sets forth terms and conditions for Number Portability provided by the applicable SBC Communications Inc. (SBC) owned Incumbent Local Exchange Carrier (ILEC) and 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, Nevada Bell Telephone Company, The Ohio Bell Telephone Company, Pacific Bell Telephone Company, The Southern New England Telephone Company, Southwestern Bell Telephone Company and/or Wisconsin Bell, Inc. d/b/a Ameritech Wisconsin.

1.3 As used herein, **SBC-ILEC** means an ILEC doing business in Arkansas, California, Connecticut, Illinois, Indiana, Kansas, Michigan, Missouri, Nevada, Ohio, Oklahoma, Texas, and Wisconsin.

1.4 As used herein**,** **SBC-12STATE** means an ILEC doing business in Arkansas, California, Illinois, Indiana, Kansas, Michigan, Missouri, Nevada, Ohio, Oklahoma, Texas, and Wisconsin.

1.5 As used herein, **SBC-10STATE** means an ILEC doing business in Arkansas, Illinois, Indiana, Kansas, Michigan, Missouri, Ohio, Oklahoma, Texas, and Wisconsin.

1.6 As used herein, **SBC-8STATE** means an ILEC doing business in Arkansas, California, Connecticut, Kansas, Missouri, Nevada, Oklahoma, and Texas.

1.7 As used herein, **SBC-7STATE** means an ILEC doing business in Arkansas, California, Kansas, Missouri, Nevada, Oklahoma, and Texas.

1.8 As used herein, **SBC-SWBT** means an ILEC doing business in Arkansas, Kansas, Missouri, Oklahoma, and Texas.

1.9 As used herein, **SBC-AMERITECH** means an ILEC doing business in Illinois, Indiana, Michigan, Ohio, and Wisconsin.

1.10 As used herein, **PACIFIC** means an ILEC doing business in California.

1.11 As used herein, **NEVADA** means an ILEC doing business in Nevada.

1.12 As used herein, **SNET** means an ILEC doing business in Connecticut.

1.13 The prices at which **SBC-ILEC** agrees to provide CLEC with Numbering Portability are contained in the applicable Appendix Pricing and/or the applicable Commissioned ordered tariff where stated.

2. INTERIM NUMBER PORTABILITY (INP) [SBC-SWBT ONLY]

2.1 Due to all **PACIFIC** and **SBC-AMERITECH** switches being LNP capable, this Section does not apply to **PACIFIC** or **SBC-AMERITECH**. As of 11/13/99, it will not apply to **SNET** and after 12/31/99, it will not apply to **NEVADA**.

2.2 General Terms and Conditions

2.2.1 **SBC-SWBT** and CLEC will provide Interim Number Portability (INP) in accordance with requirements of the Act. INP will be provided by each Party to the other upon request. INP will be provided with minimum impairment of functionality, quality, reliability and convenience to subscribers of CLEC or **SBC-SWBT**. As described herein, INP is a service arrangement whereby an End User, who switches subscription of exchange service from one provider to another is permitted to retain, for its use, the existing assigned number provided that the End User remains in the same serving wire center.

2.3 Service Provided

2.3.1 **SBC-SWBT** shall provide INP to CLEC only, as described herein.

2.3.2 **SBC-SWBT** shall provide INP services and facilities only where technically feasible, subject to the availability of facilities, and only from properly equipped central offices. **SBC-SWBT** does not offer INP services and facilities for NXX codes 555, 976, 950.

2.3.3 **SBC-SWBT** shall not provide INP services for End User accounts where the End User's payments are thirty (30) days or more in arrears, or where contract termination liabilities would be assessed by **SBC-SWBT** to the End User, unless full payment is made, or an agreement is reached where CLEC agrees to make full payment on the End User's behalf, including any termination amounts due.

2.3.4 When the exchange service offerings associated with INP service are provisioned using remote switching arrangements, **SBC-SWBT** shall make INP service available only from, or to host central offices.

2.4 Obligations of SBC-**SWBT**

2.4.1 **SBC-SWBT**'s sole responsibility is to comply with the service requests it receives from CLEC and to provide INP in accordance with this Appendix.

2.5 Obligations of CLECs

2.5.1 CLEC shall coordinate the provision of service with **SBC-SWBT** to assure that CLEC's switch is capable of accepting INP ported traffic.

2.5.2 CLEC is solely responsible to provide equipment and facilities that are compatible with **SBC-SWBT**'s service parameters, interfaces, equipment and facilities. CLEC shall provide sufficient terminating facilities and services at the terminating end of an INP call to adequately handle all traffic to that location and shall ensure that its facilities, equipment and services do not interfere with or impair any facility, equipment or service of **SBC-SWBT** or any of its End Users. In the event that **SBC-SWBT** determines in its sole judgment that CLEC will likely impair or is impairing, or interfering with any equipment, facility or service of **SBC-SWBT** or any of its End Users, **SBC-SWBT** may either refuse to provide INP service or terminate it in accordance with other provisions of this Agreement or **SBC-SWBT**'s tariffs, where applicable.

2.5.3 CLEC shall provide an appropriate intercept announcement service for any telephone numbers subscribed to INP service for which CLEC is not presently providing exchange service or terminating to an End User.

2.5.4 Where CLEC chooses to disconnect or terminate any INP service, CLEC shall designate which standard **SBC-SWBT** intercept announcement **SBC-SWBT** shall provide for disconnected number.

2.5.5 When a ported telephone number becomes vacant, e.g., the telephone number is no longer in service by the original End User and a period for intercept and referral equivalent to that which is provided by **SBC-SWBT** to its own End User subscribers has elapsed, the ported telephone number will be released back to **SBC-SWBT**.

2.5.5.1 Formerly ported telephone numbers which revert to **SBC-SWBT** as described above shall be reassigned or provided with a standard **SBC-SWBT** intercept announcement in accordance with **SBC-SWBT**'s standard operating procedures then in effect.

2.5.6 CLEC shall designate to **SBC-SWBT** at the time of its initial service request for INP service one of the following options for handling and

processing of Calling Card, Collect, Third Party, and other operator handled non-sent paid calls from or to CLEC assigned telephone numbers:

2.5.6.1 CLEC may elect to block the completion of third number and calling card calls through the use of LIDB to select ported numbers.

2.5.6.2 For non-sent paid calls billed to INP assigned numbers, a separate sub-clearinghouse billing arrangement must be established which will provide for the transmission of the EMR 01-01-01 billing records, and settlement of toll revenues.

2.6 Limitations Of Service

2.6.1 **SBC-SWBT** is not responsible for adverse effects on any service, facility or equipment from the use of INP service.

2.6.2 End-to-end transmission characteristics cannot be specified by **SBC-SWBT** for calls over INP facilities because end-to-end transmission characteristics may vary depending on the distance and routing necessary to complete calls over INP facilities and the fact that another carrier is involved in the provisioning of service.

2.7 Service Descriptions

2.7.1 INP-Remote

2.7.1.1 INP-Remote is a service whereby a call dialed to an INP-Remote equipped telephone number, assigned to **SBC-SWBT**, is automatically forwarded to CLEC-assigned, 7 or 10 digit telephone number. The forwarded-to-number must be specified by CLEC at the same wire center wherein the ported number resides.

2.7.1.2 INP-Remote provides an initial call path and two (2) additional paths for the forwarding of no more than three (3) simultaneous calls to CLEC's specified forwarded-to number. Additional call paths are available on a per path basis.

2.7.1.3 The CLEC-assigned forwarded-to number shall be treated as two (2) separate calls with respect to interconnection compensation, End User toll billing and intercompany settlement and access billing, i.e., an incoming call to the **SBC-SWBT** ported number shall be handled like any other **SBC-SWBT** call being terminated to that end office and the ported call to CLEC

assigned telephone number in CLEC switch shall be handled as any local calls between **SBC-SWBT** and CLEC.

2.7.1.4 Where facilities exist, **SBC-SWBT** will provide identification of the originating telephone number, via SS7 signaling, to CLEC.

2.7.2 INP-Direct

2.7.2.1 INP-Direct is a service which provides for the delivery of the called (dialed) number to CLEC's switching (central office or premises) equipment for identification and subsequent routing and call completion.

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

2.7.2.2.1 Where the location of CLEC's switching equipment to which **SBC-SWBT** is providing voice grade or DS1 INP-Direct service reside outside the exchange or central office serving area from which the INP-Direct service is purchased, CLEC shall pay applicable interoffice mileage charges as specified in the applicable state Special Access Tariff.

2.7.2.3 INP-Direct service must be established with a minimum configuration of two (2) voice grade channels and one (1) unassigned telephone number per **SBC-SWBT** switch. Transport facilities arranged for INP-Direct may not be mixed with any other type of trunk group. Outgoing calls may not be placed over facilities arranged for INP-Direct service.

2.7.2.4 SS7 Signaling is not available on the INP-Direct facilities.

2.8 Intercompany Terminating Compensation

2.8.1 With regard intercompany terminating compensation and switched access revenues associated with interim number portability, the Porting Party shall pay the Ported-to-Party $1.75 per month for each business line and $1.25 per month for each residence line associated with the INP arrangement. Determination of the number of lines to which the above payment shall apply will be made at the time the INP arrangement is established. Such payment shall continue until the INP arrangement is disconnected or PNP is made available for the INP number, whichever occurs first. Such amount is in consideration of the Switched Access

compensation and intercompany terminating reciprocal compensation that would have been received by each Party if PNP had been in effect.

2.9 Pricing

2.9.1 The Parties will comply with all effective FCC, Commission and/or court orders governing INP cost recovery and compensation. The Parties acknowledge that the Telephone Number Portability Order is subject to pending Petitions for Reconsideration and may be appealed. As such, the Number Portability Order may be reconsidered, revised and remanded, or vacated, subject to further proceedings before the FCC. As such, until a final decision is rendered on INP cost recovery, the Parties agree to track the costs associated with the implementation and provision of INP and to "true-up" INP-related accruals to reflect the final terms of any such order.

2.9.2 Neither Party waives its rights to advocate its views on INP cost recovery, or to present before any appropriate regulatory agency or court its views.

3. PERMANENT NUMBER PORTABILITY (PNP)

3.1 General Terms and Conditions

3.1.1 The Parties agree that the industry has established local routing number (LRN) technology as the method by which permanent number portability (PNP) will be provided in response to FCC Orders in FCC 95-116 (i.e., First Report and Order and subsequent Orders issued to the date this agreement was signed). As such, the parties agree to provide PNP via LRN to each other as required by such FCC Orders or Industry agreed upon practices.

3.1.2 Other than as specifically set out elsewhere in this agreement, **SNET** does not offer PNP under this agreement. Rather, PNP is available as described in Section 14 of the Connecticut Tariff FCC No. 39.

3.2 Service Provided

3.2.1 **SBC-12STATE** provides CLECs the use of the **SBC-12STATE** PNP database via the Service Provider Number Portability (SPNP) Database Query. The CLEC's STP, tandem, and/or end office's LRN software will determine the need for, and triggers, the query. **SBC-12STATE**'s PNP database will determine if a number has, or has not, been ported and will provide LRN if a number is ported.

3.2.2 **SBC-12STATE** will provide CLEC the use of the **SBC-12STATE** PNP database, PNP software, and SS7 network via the SPNP Query.

3.2.3 The Parties shall:

3.2.3.1 disclose, upon request, any technical limitations that would prevent LNP implementation in a particular switching office; and

3.2.3.2 provide PNP services and facilities only where technically feasible, subject to the availability of facilities, and only from properly equipped central office

3.2.4 The Parties do not offer PNP services and facilities for NXX codes 555, 976, 950.

3.3 Obligations of **SBC-12STATE**

3.3.1 **PACIFIC/NEVADA/SBC-AMERITECH** has deployed LRN in all of their switches.

3.3.2 **SBC-SWBT** has deployed LRN in the following MSAs per the timelines set forth by the FCC:

MSA	DEPLOYMENT WAS COMPLETED BY
Houston	May 26, 1998
Dallas, St. Louis	June 26, 1998
Ft. Worth, Kansas City	July 27, 1998
Oklahoma City, Austin, San Antonio, West Memphis,	September 30, 1998
Tulsa, El Paso, Wichita, Little Rock	December 31, 1998

3.3.3 After December 31, 1998, **SBC-SWBT** will deploy LRN in other MSAs/areas within six (6) months after receipt of Bona Fide Request (BFR) from the CLEC (see EXHIBIT 1).

3.3.4 **SBC-12STATE** may cancel any line-based calling cards associated with telephone numbers ported from their switch.

3.4 Obligations of CLEC

3.4.1 When purchasing the SPNP Database Query, CLEC will access **SBC-12STATE** s facilities via an SS7 link: **SBC-AMERITECH** - Section 8 of

FCC No. 2 Access Service Tariff/**NEVADA** – Section 6 of FCC No. 1 Access Services tariff/**PACIFIC** – Section 6 of FCC No. 128 Access Service tariff/ **SBC-SWBT**- Section 23 and 32 of FCC No. 73 Access Service Tariff) to the **SBC-12STATE** STP.

3.4.2 When purchasing the SPNP Query - Prearranged, CLEC will advise **PACIFIC/NEVADA/SBC-SWBT** of the entry point(s) of queries to the **PACIFIC/NEVADA/SBC-SWBT** network and provide a query forecast for each entry point.

3.4.3 The CLEC is responsible for advising the Number Portability Administration Center (NPAC) of telephone numbers that it imports and the associated data as identified in industry forums as being required for PNP.

3.4.4 After the initial deployment of PNP in a mandated MSA, CLEC shall submit a BFR (see EXHIBIT 1) to request that a **SBC-SWBT** switch in that MSA become LRN capable. The requested switch will be made LRN capable within the time frame stipulated by the FCC.

3.4.5 When CLEC requests that an NXX in an LRN capable **SBC-12STATE** switch become portable, CLEC shall follow the industry standard LERG procedure.

3.4.6 CLEC shall be certified by the Regional NPAC prior to scheduling Intercompany testing of PNP.

3.4.7 CLEC shall adhere to **SBC-12STATE**'s Local Service Request (LSR) format and PNP due date intervals.

3.4.8 CLEC shall adhere to **SBC-12STATE**'s reserved number terms and conditions pursuant to Appendix Numbering.

3.5 Obligations of Both Parties

3.5.1 When a ported telephone number becomes vacant, e.g., the telephone number is no longer in service by the original End User, the ported telephone number will be released back to the carrier owning the switch in which the telephone number's NXX is native.

3.5.2 Each party has the right to block default routed call entering a network in order to protect the public switched network from overload, congestion, or failure propagation.

3.5.3 Industry guidelines shall be followed regarding all aspects of porting numbers from one network to another.

3.5.4 Intracompany testing shall be performed prior to the scheduling of intercompany testing.

3.5.5 Each Party will designate a single point of contact (SPOC) to schedule and perform required testing. These tests will be performed during a mutually agreed time frame and must meet the criteria set forth by the InterIndustry LNP Regional Team for porting.

3.5.6 Each Party shall abide by NANC and the InterIndustry LNP Regional Team provisioning and implementation process.

3.5.7 Each Party shall become responsible for the End User's other telecommunications related items, e.g. E911, Directory Listings, Operator Services, Line Information Database (LIDB), when they port the End User's telephone number to their switch.

3.6 Limitations of Service

3.6.1 Telephone numbers can be ported only within **PACIFIC/NEVADA/SBC-SWBT** toll rate centers / **SBC-AMERITECH** rate centers or rate districts, which ever is a smaller geographic area, as approved by State Commissions.

3.6.2 Telephone numbers in the following **SBC-12STATE** NXXs shall not be ported: (i) wireless NXXs until the FCC mandates that those NXXs be portable; and (ii) **SBC-12STATE** Official Communications Services (OCS) NXXs.

3.6.3 Telephone numbers with NXXs dedicated to choke/High Volume Call-In (HVCI) networks are not portable via LRN. Choke numbers will be ported as described in Section 5 of this Appendix.

3.7 Service Descriptions

3.7.1 The switch's LRN software determines if the called party is in a portable NXX. If the called party is in a portable NXX, a query is launched to the PNP database to determine whether or not the called number is ported.

3.7.2 When the called number with a portable NXX is ported, an LRN is returned to the switch that launched the query. Per industry standards, the LRN appears in the CdPN (Called Party Number) field of the SS7 message and the called number then appears in the GAP (Generic Address Parameter) field.

3.7.3 When the called number with a portable NXX is not ported, the call is completed as in the pre-PNP environment.

3.7.4 The FCI (Forward Call Identifier) field's entry is changed from 0 to 1 by the switch triggering the query when a query is made, regardless of whether the called number is ported or not.

3.7.5 The N-1 carrier (N carrier is the responsible Party for terminating call to the End User) has the responsibility to determine if a query is required, to launch the query, and to route the call to the switch or network in which the telephone number resides.

3.7.6 If CLEC chooses not to fulfill its N-1 carrier responsibility, **SBC-12STATE** will perform queries on calls to telephone numbers with portable NXXs received from the N-1 carrier and route the call to the switch or network in which the telephone number resides.

3.7.7 The CLEC shall be responsible for payment of charges to **SBC-12STATE** for any queries made on the N-1 carrier's behalf when one or more telephone numbers have been ported in the called telephone number's NXX.

3.7.8 The CLEC shall populate the Jurisdictional Identification Parameter (JIP) field with the first six (6) digits (NPA NXX format) of the appropriate LRN of the originating switch.

3.8 Pricing

3.8.1 The price of PNP queries shall be the same as those in

SBC-AMERITECH - Section 6 of the FCC No. 2 Access Services Tariff
NEVADA BELL - Section 19 of the FCC No. 1 Access Services Tariff
PACFIC BELL – Section 13 of the FCC No. 128 Access Services Tariff
SBC-SWBT – Section 34 of the FCC No. 73 Access Services Tariff.

3.8.2 CLEC agrees not to charge **SBC-12STATE**, nor any SBC Affiliate, SBC Subsidiary, or **SBC-12STATE** End User for the ordering, provisioning, or conversion of ported telephone numbers as a means for the CLEC to recover the costs associated with LNP.

4. INP TO PNP TRANSITION

4.1 **PACIFIC/NEVADA/SBC-AMERITECH** has deployed LRN in all of their switches.

4.2 **SBC-SWBT** has deployed LRN in the switches requested as result of the State Commission's poll of CLECs to name the switches in which they wanted LRN deployed.

4.3 CLECs shall issue LSRs to change their existing INP accounts to PNP within a ninety (90) day window, or as otherwise negotiated, which starts immediately after the FCC mandated PNP Phase completes for that MSA or when a switch in a non-mandated area becomes LNP capable.

4.4 New requests for INP will not be provided in a **SBC-12STATE** switch once LRN has been deployed in that switch.

4.5 The Parties shall coordinate each MSA's transition from INP to PNP. When a service provider's INP lines exceed eight (8) in an NXX and/or fifty (50) lines in a MSA, they shall send advance notice to the owner of the switch(es) in which those telephone numbers are homed indicating the volume of orders involved in the INP to PNP transition.

5. MASS CALLING CODES

5.1 General Terms and Conditions

5.1.1 Mass calling codes, i.e., choke/HVCI NXXs, are used in a network serving arrangement provided by **SBC-12STATE** in special circumstances where large numbers of incoming calls are solicited by an End User and the number of calls far exceeds the switching capacity of the terminating office, the number of lines available for terminating those calls, and/or the STP's query capacity to the PNP database. The following two different sets of End User objectives usually create this condition: (a) low call completion; and (b) high call completion.

5.1.2 Given the potentially hazardous effect calling conditions of this nature could have on the network, **SBC-12STATE** will provide mass calling code portability using a non-LRN solution.

5.2 Service Provided

5.2.1 **SBC-12STATE** will offer the ability to port telephone numbers with mass calling NXX codes via the use of pseudo codes or route index numbers. In this non-LRN scenario, calls to the **SBC-12STATE** mass calling NXX code will leave the originating end office over dedicated MF (multi-frequency) trunk groups to the **SBC-12STATE** mass calling tandem and/or **SBC-AMERITECH** mass calling hub. The mass calling tandem will then route the calls over dedicated MF trunks to the **SBC-12STATE** choke serving central office (CSO). The CSO will translate the dialed mass calling number to a non-dialable pseudo code or a route index number that routes the call to the mass calling customer.

5.2.2 When a CLEC requests that a **SBC-12STATE** number with a mass calling NXX code be ported to its network, **SBC-12STATE** will build translations at the CSO to route the incoming calls to a CLEC provided dedicated Direct Inward Dial (DID) MF trunk group from the CSO to the CLEC central office.

5.3 Obligations of **SBC-12STATE**

5.3.1 **SBC-12STATE** will port its numbers with mass calling NXXs upon request by the CLEC. Non-LRN porting will be done via pseudo code or route index translation in the **SBC-12STATE** CSO rather than STP queries to the PNP database. This method of porting mass call numbers will be used during both INP and PNP period in each market.

5.3.2 **SBC-12STATE** will not charge the CLEC for the use of its choke network by the CLEC's mass calling customer. In exchange, **SBC-12STATE** shall not be responsible to pay intercompany terminating compensation for terminating minutes of use (MOU) for ported choke calls.

5.4 Obligations of CLEC

5.4.1 CLEC shall agree to adhere to **SBC-12STATE** LSR format and mass calling due date intervals.

5.4.2 The CLEC shall provide the facility and DID trunk group from the **SBC-12STATE** CSO to the CLEC's serving office. The CLEC shall size this one-way MF trunk group.

5.4.3 The CLEC shall forego any inter-company terminating MOU compensation for termination calls coming in on this trunk group.

5.5 CLEC Mass Calling Codes

5.5.1 Should the CLEC assign a mass calling NXX code(s) and establish a mass calling interface for traffic destined to its CSO(s), the CLEC shall home its CSO(s) on a **SBC-12STATE** mass calling tandem and a similar mass calling trunking arrangement (one-way outgoing with MF signaling) will be provided from **SBC-12STATE**'s tandem and/or **SBC-AMERITECH** mass calling hub to the CLEC. In order to allow the Parties time to order and install such mass calling trunks, the CLEC shall provide **SBC-12STATE** notification of its intention to deploy mass calling NXX code(s) at least ninety (90) days before such codes are opened in the LERG. For more information regarding this mass local interconnection trunk group, See Appendix ITR.

5.5.2 MF SS7 trunk groups shall not be provided within a DS1 facility. A separate DS1 facility per signaling type must be used. Where **SBC-12STATE** and CLEC both provide mass calling trunking, both Parties' mass calling trunks may ride the same DS1 facility.

5.6 Limitations of Service

5.6.1 CLEC shall adhere to **SBC-12STATE**'s reserved number terms and conditions. When a ported number with a mass calling NXX code becomes vacant, e.g., the ported number is no longer in service by the original End User, the ported number shall be released back to the carrier owning the switch in which the telephone number's NXX is native.

6. PROVISION OF INP AND PNP BY CLEC TO SBC-SWBT

6.1 CLEC shall provide INP and PNP to **SBC-SWBT** under no less favorable terms and conditions as when **SBC-SWBT** provides such services to CLEC.

7. PROVISION OF PNP BY CLEC TO PACIFIC/NEVADA/SBC-AMERITECH

7.1 CLEC shall provide PNP to **PACIFIC/NEVADA/SBC-AMERITECH** under no less favorable terms and conditions as when **PACIFIC/NEVADA/SBC-AMERITECH** provides such services to CLEC.

8. APPLICABILITY OF OTHER RATES, TERMS AND CONDITIONS

8.1 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.

EXHIBIT 1

[This Attachment is applicable to SBC-SWBT only.]
PERMANENT NUMBER PORTABILITY (PNP)
BONA FIDE REQUEST (BFR) PROCESS

The Permanent Number Portability (PNP) Bona Fide Request (BFR) is a process that Competitive Local Exchange Carrier (CLECs) shall use to request that PNP be deployed

- in a Metropolitan Statistical Area (MSA) beyond the 100 largest MSAs in the country
  and
- additional switch(es) in an MSA in which PNP has been deployed.

Per the FCC First Report and Order and Further Notice Of Proposed Rulemaking (July, 1996, ¶80), CLEC can request that PNP be deployed in additional MSAs beginning January 1, 1999. **SBC-SWBT** is to provide PNP in that MSA in the requested switches within six (6) months of receipt of BFR.

Per the FCC's First Memorandum Opinion And Order On Reconsideration (March 1997, ¶65,66), switches that were not requested to be PNP capable in the initial PNP deployment in the top 100 MSAs can be requested to be made PNP capable. The following time frames begin after an MSA's Phase end date has been reached:

1. equipped remote switches within 30 days
2. hardware capable switches within 60 days
3. capable switches requiring hardware within 180 days
4. non-capable switches within 180 days

These time frames begin after the receipt of a BFR.

REQUEST FOR INSTALLATION OF PNP SOFTWARE

The request to make one or more switches in an MSA PNP capable shall be made in the form of a letter or the form on pages 3 through 5 of this Attachment from CLEC to its **SBC-SWBT** Account Manager which shall specify the following:

- The MSA in which requested switch(es) are located.
- The switch(es), by CLLI code, that are to become PNP capable.
- The date when PNP capability is requested with the FCC established time frames being the least amount of time.
- The projected quantity of queries that result from this new capability with a demand forecast per tandem or end office with which CLEC interconnects.
- An initial response from the **SBC-SWBT** Account Manager, acknowledging receipt of the BFR and the date when requested switch(es) will be PNP capable, must be made to CLEC within ten (10) business days of receipt of the BFR.

Local Number Portability (LNP)
Bona Fide Request (BFR)

Southwest Region LNP Network Operations Team

DATE: _____ (date of request)

TO: _____ (name of service provider)
_____ (address of service provider)
_____ (contact name/number)

FROM: _____ (requester/service provider name/ID)
_____ (requester switch(es)/CLLI)
_____ (authorized by name)
_____ (authorized by title)
_____ (contact name/address/number)

Affidavit attesting requester as authorized agent should accompany request.

SWITCH(ES):

CLLI[1]	Rate Center Name[2]	Rate Center VC/HC[2]	NPA-NXX(s)[3]
_____	_____	_____	All: Y or N
_____	_____	_____	All: Y or N
_____	_____	_____	All: Y or N
_____	_____	_____	All: Y or N
_____	_____	_____	All: Y or N

DATES: Requested date switch(es) should be LNP capable**:** _____ (mm/dd/yy)
Requested code opening date[4]**:** _____ (mm/dd/yy)

Notes: See following page.

Acknowledgment of BFR is to be sent to the requester within ten business days.

Local Number Portability (LNP)
Bona Fide Request (BFR)

Southwest Region LNP Network Operations Team
(Continued)

Notes: [1] List each switch targeted for LNP by its specific CLLI code.

[2] Enter associated Rate Center information from LERG, including: Rate Center Name and Associated V&H Terminating Point Master Coordinates; Source of the LERG information: Destination Code Record (DRD) Screen.

[3] Circle or highlight **Y** if requesting all eligible NPA-NXX codes in that specific switch to be opened. Circle or highlight **N** if only certain NPA NXX codes are being requested, then provide list of desired NPA NXX(s).

Note: Targeting of specific NPA-NXX codes should be carefully considered. A traditional ILEC may serve a single rate center with multiple switches (CLLIs and NXX codes) while CLEC may serve multiple rate centers with a single switch. In the latter case, use of a specific NXX code will determine the rate center.

[4] As documented in the Southwest Region Code Opening Process.

Acknowledgment of LNP Bona Fide Request (BFR)

Southwest Region LNP Network Operations Team

DATE: _____ (date of response)

TO: _____ (requester/CLEC name/ID)
_____ (contact name/address/number)
_____ (requester switch(es)/CLLI)

FROM: _____ (name of service provider)
_____ (address of provider)
_____ (contact name/number)

_____

Switch request(s) accepted:

CLLI Accepted	LNP Effective Date	or	*Modified Effective Date*	Ineligible NPA-NXXs
_____(CLLI 1)	_____		_____	_____
_____(CLLI 2)	_____		_____	_____
_____(CLLI 3)	_____		_____	_____
_____(CLLI 4)	_____		_____	_____

_____

Switch request(s) denied/reason for denial:

_____(CLLI 1): _____
_____
_____(CLLI 2): _____
_____
_____(CLLI 3): _____

Authorized company representative signature/title:

APPENDIX NUMBERING

TABLE OF CONTENTS

1. INTRODUCTION.....3

2. GENERAL TERMS AND CONDITIONS.....3

3. APPLICABILITY OF OTHER RATES, TERMS AND CONDITIONS..... 5

APPENDIX NUMBERING

1. INTRODUCTION

1.1 This Appendix sets forth the terms and conditions under which the 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 Company, and/or Wisconsin Bell, Inc. d/b/a Ameritech Wisconsin will coordinate with respect to NXX assignments.

1.2 As used herein, **SBC-ILEC** means the above listed ILECs doing business in Arkansas, California, Connecticut, Illinois, Indiana, Kansas, Michigan, Missouri, Nevada, Ohio, Oklahoma, Texas and Wisconsin.

2. GENERAL TERMS AND CONDITIONS

2.1 Nothing in this Agreement shall be construed to limit or otherwise adversely impact in any manner either Party's right to employ or to request and be assigned any North American Numbering Plan (NANP) number resources from the numbering administrator including, but not limited to, central office (NXX) codes pursuant to the Central Office Code Assignment Guidelines, or to establish, by tariff or otherwise, Exchanges and Rating Points corresponding to such NXX codes. Each Party is responsible for administering the NXX codes it is assigned.

2.2 At a minimum, in those Metropolitan Exchange Areas where the CLEC is properly certified by the appropriate regulatory body and intends to provide local exchange service, the CLEC shall obtain a separate NXX code for each **SBC-ILEC** rate center which is required to ensure compliance with the industry-approved Central Office Code (NXX) Assignment Guidelines (most current version) or other industry approved numbering guidelines and the FCC's Second Report & Order in CC Docket 95-116, released August 18, 1997 (Local Number Portability). This will enable CLEC and **SBC-ILEC** to identify the jurisdictional nature of traffic for intercompany compensation until such time as both Parties have implemented billing and routing capabilities to determine traffic jurisdiction on a basis other than NXX codes.

2.3 Pursuant to Section 7.3 of the North American Numbering Council Local Number Portability Architecture and Administrative Plan report, which was

adopted by the FCC, Second Report and Order, CC Docket 95-116, released August 18, 1997, portability is technically limited to rate center/rate district boundaries of the incumbent LEC due to rating and routing concerns. Therefore, Parties shall assign telephone numbers from its NXX's only to those customers that are physically in the rate center to which the NXX is assigned.

2.4 Each Party is responsible to program and update its own switches and network systems to recognize and route traffic to the other Party's assigned NXX codes at all times. Neither Party shall impose fees or charges on the other Party for such required programming and updating activities.

2.5 Each Party is responsible to input required data into the Routing Data Base Systems (RDBS) and into the Telcordia Rating Administrative Data Systems (BRADS) or other appropriate system(s) necessary to update the Local Exchange Routing Guide (LERG), unless negotiated otherwise.

2.6 Neither Party is responsible for notifying the other Parties' End Users of any changes in dialing arrangements, including those due to NPA exhaust.

2.7 NXX Migration

2.7.1 Where either Party has activated an entire NXX for a single end user, or activated more than half of an NXX for a single end user with the remaining numbers in that NXX either reserved for future use or otherwise unused, and such End-User chooses to receive service from the other Party, the first Party shall cooperate with the second Party to have the entire NXX reassigned in the LERG (and associated industry databases, routing tables, etc.) to an End Office operated by the second Party provided that the requested rate center is the same rate center that physically serves the customer in a non-foreign exchange arrangement. Such transfer will require development of a transition process to minimize impact on the Network and on the end user(s)' service and will be subject to appropriate industry lead times (currently forty-five (45) days) for movements of NXXs from one switch to another. The Party to whom the NXX is migrated will pay NXX migration charges per NXX to the Party formerly assigned the NXX as described in the Pricing Appendix under "OTHER".

2.8 Test Numbers

2.8.1 Each Party is responsible for providing to the other, valid test numbers. One number terminating to a VOICE announcement identifying the Company and one number terminating to a milliwatt tome providing answer supervision and allowing simultaneous connection from multiple test lines. Both numbers should remain in service indefinitely for regressive testing purposes.

3. APPLICABILITY OF OTHER RATES, TERMS AND CONDITIONS

3.1 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.

APPENDIX OS

TABLE OF CONTENTS

1. INTRODUCTION 3

2. SERVICES 4

3. DEFINITIONS 4

4. CALL BRANDING 6

5. OPERATOR SERVICES (OS) RATE/REFERENCE INFORMATION 8

6. INTRALATA MESSAGE RATING 8

7. HANDLING OF EMERGENCY CALLS TO OPERATOR 9

8. RESPONSIBILITIES OF THE PARTIES 9

9. METHODS AND PRACTICES 10

10. PRICING 10

11. MONTHLY BILLING 10

12. LIABILITY 10

13. TERMS OF APPENDIX 11

14. APPLICABILITY OF OTHER RATES, TERMS AND CONDITIONS 11

APPENDIX OS
(OPERATOR SERVICES)

1. INTRODUCTION

1.1 This Appendix sets forth the terms and conditions for Operator Services (OS) provided by the applicable SBC Communications Inc. (SBC) owned Incumbent Local Exchange Carrier (ILEC) and 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, Nevada Bell Telephone Company, The Ohio Bell Telephone Company, Pacific Bell Telephone Company, The Southern New England Telephone Company, Southwestern Bell Telephone Company and/or Wisconsin Bell, Inc. d/b/a Ameritech Wisconsin.

1.3 As used herein, **SBC-ILEC** means the applicable above listed ILECs doing business in Arkansas, California, Connecticut, Illinois, Indiana, Kansas, Michigan, Missouri, Nevada, Ohio, Oklahoma, Texas, and Wisconsin.

1.4 As used herein, **SBC-12STATE** means the applicable above listed ILECs doing business in Arkansas, California, Illinois, Indiana, Kansas, Michigan, Missouri, Nevada, Ohio, Oklahoma, Texas, and Wisconsin.

1.5 As used herein, **SBC-10STATE** means the applicable above listed ILECs doing business in Arkansas, Illinois, Indiana, Kansas, Michigan, Missouri, Ohio, Oklahoma, Texas, and Wisconsin.

1.6 As used herein, **SBC-8STATE** means the applicable above listed ILECs doing business in Arkansas, California, Connecticut, Kansas, Missouri, Nevada, Oklahoma, and Texas.

1.7 As used herein, **SBC-7STATE** means the applicable above listed ILECs doing business in Arkansas, California, Kansas, Missouri, Nevada, Oklahoma, and Texas.

1.8 As used herein, **SBC-SWBT** means the applicable above listed ILECs doing business in Arkansas, Kansas, Missouri, Oklahoma, and Texas.

1.9 As used herein, **SBC-AMERITECH** means the applicable above listed ILECs doing business in Illinois, Indiana, Michigan, Ohio, and Wisconsin.

1.10 As used herein, **SBC-2STATE** means the applicable above listed ILECs doing business in California and Nevada.

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

1.12 As used herein, **PACIFIC** means the applicable above listed ILECs doing business in California.

1.13 As used herein, **NEVADA** means the applicable above listed ILECs doing business in Nevada.

2. SERVICES

2.1 Where technically feasible and/or available, **SBC-ILEC** will provide the following OS:

2.1.1 Fully Automated Call Processing

Allows the caller to complete a call utilizing equipment without the assistance of an **SBC-ILEC** operator, hereafter called "Operator.

2.1.1.1 **SBC-10STATE** and **PACIFIC** - This allows the caller the option of completing calls through an Automated Alternate Billing System (AABS). Automated functions can only be activated from a touch-tone telephone. Use of a rotary telephone or failure or slow response by the caller to the audio prompts will bridge the caller to an Operator for assistance.

2.1.1.2 **NEVADA** – This allows the caller the option of billing calling card calls through a Mechanized Calling Card Service (MCCS). Automated functions can only be activated from a touch-tone telephone.

2.1.2 Operator-Assisted Call Processing

2.1.2.1 Allows the caller to complete a call by receiving assistance from an Operator.

3. DEFINITIONS

3.1 Fully Automated Call Processing - Where technically feasible and/or available, **SBC-ILEC** can support the following fully automated call types as outlined below:

3.1.1 Fully Automated Calling Card Service.

3.1.1.1 **SBC-ILEC** -This service is provided when the caller dials zero ("0"), plus the desired telephone number and the calling card number to which the call is to be charged. The call is completed without the assistance of an Operator. An authorized calling card for the purpose of this Appendix, is one for which billing validation can be performed.

3.1.2 Fully Automated Collect and Bill to Third Number Services or Mechanized Calling Card System

3.1.2.1 **SBC-12STATE -** The caller dials zero (0) plus the telephone number desired, and selects the Collect or Bill To Third Number billing option as instructed by the automated equipment. The call is completed without the assistance of an Operator.

3.1.3 **SBC-8STATE** will treat the following situations as Fully Automated service:

3.1.3.1 When the caller identifies himself or herself as disabled.

3.1.3.2 When the caller reports trouble on the network.

3.1.3.3 When the Operator reestablishes an interrupted call.

3.2 Operator-Assisted Call Processing - Where technically feasible and/or available, **SBC-ILEC** will support the following Operator-assisted call types for CLEC:

3.2.1 Semi-Automated Calling Card Service. A service provided when the caller dials zero (0) plus the telephone number desired and the calling card number to which the call is to be charged. The call is completed with the assistance of an Operator. An authorized calling card for the purpose of this Appendix, is one for which **SBC-ILEC** can perform billing validation.

3.2.2 Semi-Automated Collect and Bill to Third Number Services. The caller dials zero (0) plus the telephone number desired, and selects the Collect or Bill To Third Number billing option as instructed by the automated equipment. The call is completed with the assistance of an Operator.

3.2.3 Semi-Automated Person-To-Person Service. A service in which the caller dials zero (0) plus the telephone number desired and asks the Operator for assistance in reaching a particular person, or a particular PBX station,

department or office to be reached through a PBX attendant. This service applies even if the caller agrees, after the connection is established, to speak to any party other than the party previously specified.

3.2.4 Operator Handled Services. Services provided when the caller dials zero (0) for Operator assistance in placing a sent paid, calling card, collect, third number or person to person call.

3.2.5 Line Status Verification. A service in which the Operator, upon request, will check the requested line for conversation in progress and advise the caller.

3.2.6 Busy Line Interrupt. A service in which the caller asks the Operator to interrupt a conversation in progress, to determine if one of the parties is willing to speak to the caller requesting the interrupt. Busy Line Interrupt service applies even if no conversation is in progress at the time of the interrupt attempt, or when the parties interrupted refuse to terminate the conversation in progress.

3.2.7 Operator Transfer Service. A service in which the local caller requires Operator Assistance for completion of a call terminating outside the originating LATA.

4. CALL BRANDING

4.1 Where technically feasible and/or available, **SBC-ILEC** will brand OS in CLEC's name based upon the criteria outlined below:

4.1.1 Where **SBC-ILEC** provides CLEC Operator Services (OS) and DA services via the same trunk, both the OS and DA calls will be branded with the same brand. Where **SBC-ILEC** is only providing OS on behalf of the CLEC, the calls will be branded.

4.1.2 CLEC name used in branding calls may be subject to Commission regulations and should match the name in which CLEC is certified.

4.1.3 **SBC-10STATE** - CLEC will provide written specifications of its company name to be used by **SBC-10STATE** to create CLEC specific branding messages for its OS calls in accordance with the process outlined in the Operator Services OS/DA Questionnaire (OSQ). CLEC attests that it has been provided a copy of the Operator Services OS/DA Questionnaire (OSQ).

4.1.4 **SBC-2STATE** - CLEC will provide recorded announcement(s) of its company name to be used to brand the CLEC's OS calls in accordance

with the process outlined in the Operator Services OS/DA Questionnaire (OSQ).

4.1.5 A CLEC purchasing **SBC-ILEC** unbundled local switching is responsible for maintaining CLEC's End User customer records in **SBC-ILEC** Line Information Database (LIDB) as described in Appendix LIDB-AS. CLEC's failure to properly administer customer records in LIDB may result in branding errors.

4.1.6 Multiple Brands

4.1.6.1 **SBC-7STATE** can support multiple brands on a single trunk group for a facilities-based CLEC if all End User customer records for all carriers utilizing the same trunk group are maintained in **SBC-7STATE** LIDB.

4.1.6.2 **SNET** can support multiple brands for facilities-based CLEC's on multiple trunk groups.

4.1.7 Branding Load Charges

4.1.7.1 **SBC-SWBT -** An initial non-recurring charge applies per state, per brand, per Operator assistance switch, for the establishment of CLEC specific branding. An additional non-recurring charge applies per state, per brand, per Operator assistance switch for each subsequent change to the branding announcement. In addition, a per call charge applies for every OS call handled by **SBC-SWBT** on behalf of CLEC when such services are provided in conjunction with: i) the purchase of **SBC-SWBT** unbundled local switching; or ii) when multiple brands are required on a single Operator Services trunk.

4.1.7.2 **SBC-AMERITECH –** An initial non-recurring charge applies per brand, per Operator Assistance Switch, per trunk group for the establishment of CLEC specific branding. An additional non-recurring charge applies per brand, per Operator assistance switch, per trunk group for each subsequent change to the branding announcement.

4.1.7.3 **SBC-2STATE –** An initial non-recurring charge applies per state, per brand, per Operator assistance switch, for the establishment of CLEC specific branding. An additional non-recurring charge applies per state, per brand, per Operator assistance switch for each subsequent change to the branding announcement.

4.1.7.4 **SNET** – An initial non-recurring charge applies per brand, per load, per Operator assistance switch for the establishment of CLEC specific branding. An additional non-recurring charge applies per brand, per load, per Operator assistance switch for each subsequent change to the branding announcement.

5. OPERATOR SERVICES (OS) RATE/REFERENCE INFORMATION

5.1 Where technically feasible and/or available, **SBC-ILEC** will provide CLEC OS Rate/Reference Information based upon the criteria outlined below:

5.1.1 CLEC will furnish OS Rate and Reference Information in a mutually agreed to format or media thirty (30) calendar days in advance of the date when the OS are to be undertaken.

5.1.2 CLEC will inform **SBC-ILEC**, in writing, of any changes to be made to such Rate/Reference Information fourteen (14) calendar days prior to the effective Rate/Reference change date. CLEC acknowledges that it is responsible to provide **SBC-ILEC** updated Rate/Reference Information fourteen (14) calendar days in advance of when the updated Rate/Reference Information is to become effective.

5.1.3 An initial non-recurring charge will apply per state, per Operator assistance switch for loading of CLEC's OS Rate/Reference Information. An additional non-recurring charge will apply per state, per Operator assistance switch for each subsequent change to either the CLEC's OS Rate or Reference Information.

5.1.4 **SBC-ILEC** - When an Operator receives a rate request from a CLEC End User, **SBC-ILEC** will quote the applicable OS rates as provided by CLEC.

5.1.4.1 **SBC-AMERITECH** and **SBC2-STATE** – In the interim, when an Operator receives a rate request from a CLEC End User, **SBC-AMERITECH** and **SBC2-STATE** will transfer the CLEC End User to a customer care number specified by the CLEC in the OSQ. When **SBC-AMERITECH** and **SBC2-STATE** has the capability to quote-specific CLEC rates and reference information the parties agree that the transfer option will be eliminated.

6. INTRALATA MESSAGE RATING

6.1 **SBC-SWBT** - Upon request, CLEC may opt to purchase intraLATA Message Rating Service. This service provides the message rating function on all **SBC-**

SWBT Operator assisted intraLATA calls. With this service, **SBC-SWBT** will compute the applicable charges for each message based on CLEC's schedule of rates provided to **SBC-SWBT.**

7. HANDLING OF EMERGENCY CALLS TO OPERATOR

7.1 To the extent CLEC's NXX encompasses multiple emergency agencies, **SBC-ILEC** agrees to ask the caller for the name of his/her community and to transfer the caller to the appropriate emergency agency for the caller's area. CLEC must provide **SBC-ILEC** with the correct information to enable the transfer as required by the OSQ. CLEC will also provide default emergency agency numbers to use when the customer is unable to provide the name of his/her community. When the assistance of another Carrier's operator is required, **SBC-ILEC** will attempt to reach the appropriate operator if the network facilities for inward assistance exist. CLEC agrees to indemnify, defend, and hold harmless **SBC-ILEC** from any and all actions, claims, costs, damages, lawsuits, liabilities, losses and expenses, including reasonable attorney fees, arising from any misdirected calls.

8. RESPONSIBILITIES OF THE PARTIES

8.1 CLEC agrees that due to quality of service and work force schedule issues, **SBC-ILEC** will be the sole provider of OS for CLEC's local serving area(s)

8.2 CLEC will be responsible for providing the equipment and facilities necessary for signaling and routing calls with Automatic Number Identification (ANI) to each **SBC-ILEC** Operator assistance switch. Should CLEC seek to obtain interexchange OS from **SBC-ILEC**, CLEC is responsible for ordering the necessary facilities under the appropriate interstate or intrastate Access Service Tariffs. Nothing in this Agreement in any way changes the manner in which an interexchange Carrier obtains access service for the purpose of originating or terminating interexchange traffic.

8.2.1 **SBC-2STATE** - Services that require ANI, such as branding and call completion, can not be provided when CLEC utilizes a LISA trunking arrangement. LISA trunks for OS will be eliminated when **SBC-2STATE** 5ACD switches are eliminated. At such time, CLEC will be responsible for providing direct trunks to each **SBC-2STATE** Operator assistance switch.

8.3 Facilities necessary for the provision of OS shall be provided by the Parties hereto, using standard trunk traffic engineering procedures to insure that the objective grade of service is met. Each party shall bear the costs for its own facilities and equipment.

8.4 CLEC will furnish to **SBC-ILEC** a completed OSQ, thirty (30) calendar days in advance of the date when the OS are to be undertaken.

8.5 CLEC will provide **SBC-ILEC** updates to the OSQ fourteen (14) calendar days in advance of the date when changes are to become effective.

8.6 CLEC understands and acknowledges that before live traffic can be passed, CLEC is responsible for obtaining and providing to **SBC-ILEC**, default emergency agency numbers.

9. METHODS AND PRACTICES

9.1 **SBC-ILEC** will provide OS to CLEC's End Users in accordance with **SBC-ILEC** OS methods and practices that are in effect at the time the OS call is made, unless otherwise agreed in writing by both Parties.

10. PRICING

10.1 The prices at which **SBC-ILEC** agrees to provide CLEC with OS are contained in the applicable Appendix Pricing and/or the applicable Commission ordered tariff where stated.

10.2 Beyond the specified term of this Appendix, **SBC-ILEC** may change the prices for the provision of OS upon one hundred-twenty (120) calendar days' notice to CLEC.

11. MONTHLY BILLING

11.1 For information regarding billing, non-payment, disconnection, and dispute resolution, see the General Terms and Conditions of this Agreement.

11.2 **SBC-ILEC** will accumulate and provide CLEC such data as necessary for CLEC to bill its End Users.

12. LIABILITY

12.1 The provisions set forth in the General Terms and Conditions of this Agreement, including but not limited to those relating to limitation of liability and indemnification, shall govern performance under this Appendix.

12.2 CLEC also agrees to release, defend, indemnify, and hold harmless **SBC-ILEC** from any claim, demand or suit that asserts any infringement or invasion of privacy or confidentiality of any person or persons caused or claimed to be caused, directly, or indirectly, by **SBC-ILEC** employees and equipment associated with provision of the OS Services, including but is not limited to suits

arising from disclosure of the telephone number, address, or name associated with the telephone called or the telephone used to call Operator Services.

13. TERMS OF APPENDIX

13.1 Appendix will continue in force for the length of the Interconnection Agreement, but no less than twelve (12) months. At the expiration of the term of the Interconnection Agreement to which this Appendix is attached or twelve (12) months, whichever occurs later, either Party may terminate this agreement upon one hundred-twenty (120) calendar days written notice to the other Party.

13.2 If CLEC terminates this Appendix prior to the expiration of the term of this Appendix, CLEC shall pay **SBC-ILEC**, within thirty (30) days of the issuance of any bills by **SBC-ILEC**, all amounts due for actual services provided under this Appendix, plus estimated monthly charges for the unexpired portion of the term. Estimated charges will be based on an average of the actual monthly service provided by **SBC-ILEC** pursuant to this Appendix prior to its termination.

14. APPLICABILITY OF OTHER RATES, TERMS AND CONDITIONS

14.1 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.

APPENDIX OSS-RESALE & UNE

TABLE OF CONTENTS

1. INTRODUCTION AND DEFINITIONS 3

2. GENERAL CONDITIONS 4

3. PRE-ORDERING 8

4. ORDERING/PROVISIONING 12

5. MAINTENANCE/REPAIR 19

6. BILLING 20

7. REMOTE ACCESS FACILITY 21

8. OPERATIONAL READINESS TEST (ORT) FOR ORDERING/PROVISIONING AND REPAIR/ MAINTENANCE INTERFACES 22

9. MISCELLANEOUS CHARGES 24

10. EFFECTIVE DATE, TERM 25

11. APPLICABILITY OF OTHER RATES, TERMS AND CONDITIONS 25

APPENDIX OSS
(ACCESS TO OPERATIONS SUPPORT SYSTEMS FUNCTIONS)

1. INTRODUCTION AND DEFINITIONS

1.1 This Appendix sets forth terms and conditions for nondiscriminatory access to Operations Support Systems (OSS) "functions" to CLEC for pre-ordering, ordering, provisioning, maintenance/repair, and billing provided by the applicable SBC Communications Inc. (SBC) owned Incumbent Local Exchange Carrier (ILEC) and 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, Nevada Bell Telephone Company, The Ohio Bell Telephone Company, Pacific Bell Telephone Company, The Southern New England Telephone Company, Southwestern Bell Telephone Company and/or Wisconsin Bell, Inc. d/b/a Ameritech Wisconsin.

1.3 "**LOC"** means (i) the Local Operations Center (LOC) for **SWBT**, **PACIFIC**, **NEVADA**, and **SNET**; and (ii) the Customer Response Unit (CRU) for **SBC-AMERITECH**.

1.4 **"LSC"** means (i) the Local Service Center (LSC) for **SWBT**, **PACIFIC**, and **NEVADA**; (ii) Local Exchange Carrier Center (LECC) for **SNET**; and (iii) Information Industry Service Center (IISC) for **SBC-AMERITECH**.

1.5 **SBC-ILEC** - As used herein, **SBC-ILEC** means the applicable above listed ILEC(s) doing business in Arkansas, California, Connecticut, Illinois, Indiana, Kansas, Michigan, Missouri, Nevada, Ohio, Oklahoma, Texas, and Wisconsin.

1.6 **SBC-12STATE** - As used herein**, SBC-12STATE** means the applicable above listed ILEC(s) doing business in Arkansas, California, Illinois, Indiana, Kansas, Michigan, Missouri, Nevada, Ohio, Oklahoma, Texas, and Wisconsin.

1.7 **SBC-8STATE** - As used herein, **SBC-8STATE** means an applicable above listed ILEC(s) doing business in Arkansas, California, Connecticut, Kansas, Missouri, Nevada, Oklahoma, and Texas.

1.8 **SBC-7STATE** - As used herein, **SBC-7STATE** means the applicable above listed ILEC(s) doing business in Arkansas, California, Kansas, Missouri, Nevada, Oklahoma, and Texas.

1.9 **SBC-SWBT** - As used herein, **SBC-SWBT** means the applicable above listed ILEC(s) doing business in Arkansas, Kansas, Missouri, Oklahoma, and Texas.

1.10 **SBC-AMERITECH** - As used herein, **SBC-AMERITECH** means the applicable above listed ILEC(s) doing business in Illinois, Indiana, Michigan, Ohio, and Wisconsin.

1.11 **PACIFIC** - As used herein, **PACIFIC** means the applicable above listed ILEC doing business in California.

1.12 **NEVADA** - As used herein, **NEVADA** means the applicable above listed ILEC doing business in Nevada.

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

1.14 **SBC-ILEC** has established performance measurements to illustrate non-discriminatory access. These measurements are represented in Appendix Performance Measurements.

2. GENERAL CONDITIONS

2.1 General: **SBC-SWBT** will provide CLEC with nondiscriminatory access, whether that access is available by electronic or manual means, to its OSS functions as stated in the SBC Plan of Record filed with the FCC on December 7, 1999, or any subsequent revisions or additions to the Plan. This provision will not be construed as an admission by CLEC that the Plan of Record is sufficient. In the interim, manual loop make-up 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 OSS functions that **SBC-SWBT** is providing any other CLEC and/or **SBC-SWBT** or its advanced services affiliate.

2.2 Resale and Unbundled Network Elements (UNE) functions will be accessible via electronic interface(s), as described herein, where such functions are available. The Parties agree that electronic order processing is more efficient than manual order processing. During implementation the Parties will negotiate a threshold volume of orders after which electronic ordering is required. Once CLEC is submitting more than the agreed to threshold amount, but not later than twelve (12) months from the Effective Date of this Agreement, CLEC will no longer submit orders manually (and **SBC-ILEC** shall not be required to accept and process orders manually) except when the electronic order processing is unavailable for a substantial period of time, or where a given order cannot be processed electronically.

2.3 **Proper Use of OSS interfaces:**

2.3.1 For **SBC-7STATE**, CLEC agrees to utilize **SBC-7STATE** electronic interfaces, as described herein, only for the purposes of establishing and maintaining Resale Services or UNEs through **SBC-7STATE**. In

addition, CLEC agrees that such use will comply with the summary of **SBC-7STATE** 's Operating Practice No. 113, Protection of Electronic Information, titled "Competitive Local Exchange Carrier Security Policies and Guidelines". Failure to comply with such security guidelines may result in forfeiture of electronic access to OSS functionality. In addition, CLEC shall be responsible for and indemnifies **SBC-7STATE** against any cost, expense or liability relating to any unauthorized entry or access into, or use or manipulation of **SBC-7STATE**'s OSS from CLEC systems, workstations or terminals or by CLEC employees or agents or any third party gaining access through information and/or facilities obtained from or utilized by CLEC and shall pay **SBC-7STATE** for any and all damages caused by such unauthorized entry.

2.3.2 For **SNET** region, CLEC agrees to access and utilize **SNET**'s Enhanced Services Access Platform, (ESAP), only for the purposes described herein. CLEC agrees that its access and use of ESAP shall, at all times, comport with **SNET**'s "Wholesale CIWin User Guide", "EF User Guide", "ESAP Installation Guide", "ESAP Help Desk Guide", "CLEC Mechanized Interface Specification", and any other guide describing the interface or interface requirements that **SNET** may, from time to time, provide CLEC (collectively, the "Guides"). Failure materially to adhere to any material provision of such Guides may result, among other things, in forfeiture of electronic access to **SNET**'s OSS functionality via ESAP upon notice. In addition, CLEC shall be responsible for and indemnifies **SNET** against any cost, expense or liability relating to any unauthorized entry or access into, or use or manipulation of **SNET**'s OSS or ESAP from CLEC complimentary systems, workstations or terminals or by CLEC employees or agents any third party gaining access through information and/or facilities obtained from or utilized by CLEC and shall pay **SNET** for any and all damages caused by such unauthorized entry.

2.4 Within **SBC-7STATE** regions, CLEC's access to pre-order functions described in 3.2.2 and 3.3.2 will only be utilized to view Customer Proprietary Network Information (CPNI) of another carrier's End User where CLEC has obtained an authorization for release of CPNI from the End User and has obtained an authorization to become the End User's Local Service Provider. Within **SNET**, and **SBC-AMERITECH** regions, CLEC's access to pre-order functions described in 3.2.2 and 3.3.2 will only be utilized to view Customer Proprietary Network Information (CPNI) of the applicable ILEC's or requesting CLEC's End User account where CLEC has obtained an authorization for release of CPNI from the End User and has obtained an authorization to become the End User's Local Service Provider. The authorization for release of CPNI must substantially reflect the following:

2.4.1 Within **SBC-7STATE** regions, "This written consent serves as instruction to all holders of my local exchange telecommunications Customer Proprietary Network Information (CPNI) and account identification information to provide such information to the undersigned CLEC. Specifically, I authorize disclosure of my account billing name, billing address, and directory listing information, and CPNI, including, service address, service and feature subscription, long distance carrier identity, and pending service order activity. I have authorized, CLEC to become my local service provider. This Authorization remains in effect until such time that I revoke it directly or appoint another individual/company with such capacity or undersigned receives notice to disconnect my local exchange service or notice that a service disconnect has been performed. At and from such time, this Authorization is null and void."

2.4.2 Within **SNET** region, "This written consent serves as instruction to all holders of any local exchange telecommunications Customer Proprietary Network Information ("CPNI") and account identification information to provide such information to [Name of CLEC]. Specifically, I authorize disclosure of any account billing name, billing address, and directory listing information, and CPNI, including, service address, service and feature subscription and long distance carrier identity. This Authorization remains in effect until such time as I [Name of Customer] revoke(s) it directly or appoint(s) another individual/company with such capacity or [Name of CLEC] receives notice to disconnect my local exchange service or notice that a service disconnect has been performed. At and from such time, this Authorization is null and void."

2.4.3 In **SBC-ILEC** regions, the CLEC may choose to use ***this*** CPNI language (in Section 2.4.3) in lieu of using the CPNI language in sections 2.4.1 or 2.4.2 above (depending on region). CLEC must have documented authorization for change in local exchange service and release of CPNI that adheres to all requirements of state and federal law, as applicable.

2.4.3.1 This section applies to **PACIFIC** ONLY for those CLECs who opted to use CPNI language in Section 2.4.3. For residence End Users, prior to accessing such information, CLEC shall, on its own behalf and on behalf of **PACIFIC**, comply with all applicable requirements of Section 2891 of the California Public Utilities Code and 47 USC 222 (and implementing FCC decisions thereunder), and, where accessing such information via an electronic interface, CLEC shall have obtained an authorization to become the End User's local service provider. Accessing such information by CLEC shall constitute certification that CLEC is in compliance with applicable requirements of Section 2891 and Section 222 (and

implementing FCC decisions thereunder) and has complied with the prior sentence. CLEC shall receive and retain such information in conformance with the requirements of 47 USC 222 (and implementing FCC decisions thereunder). CLEC agrees to indemnify, defend and hold harmless **PACIFIC** against any claim made by a residence End User or governmental entity against **PACIFIC** or CLEC under Section 2891 or Section 222 (and implementing FCC decisions thereunder) or for any breach by CLEC of this section.

2.4.4 Throughout **SBC-ILEC** region, CLEC is solely responsible for determining whether proper authorization has been obtained and holds **SBC-ILEC** harmless from any loss on account of CLEC's failure to obtain proper CPNI consent from an End User.

2.5 By utilizing electronic interfaces to access OSS functions, CLEC agrees to perform accurate and correct ordering as it relates to the application of Resale rates and charges, subject to the terms of this Agreement and applicable tariffs dependent on region of operation. In addition, CLEC agrees to perform accurate and correct ordering as it relates to **SBC-ILEC**'s UNE rates and charges, dependent upon region of operation, pursuant to the terms of this Agreement. CLEC is also responsible for all actions of its employees using any of **SBC-ILEC**'s OSS systems. As such, CLEC agrees to accept and pay all reasonable costs or expenses, including labor costs, incurred by **SBC-ILEC** caused by any and all inaccurate ordering or usage of the OSS, if such costs are not already recovered through other charges assessed by **SBC-ILEC** to CLEC. In addition, CLEC agrees to indemnify and hold **SBC-ILEC** harmless against any claim made by an End User of CLEC or other third parties against **SBC-ILEC** caused by or related to CLEC's use of any **SBC-ILEC** OSS. In addition, **SBC-ILEC** retains the right to audit all activities by CLEC using any **SBC-ILEC** OSS. All such information obtained through an audit shall be deemed proprietary and shall be covered by the Parties Non-Disclosure Agreement signed prior to or in conjunction with the execution of this Agreement.

2.6 In areas where Resale Service and UNE order functions are not available via an electronic interface for the pre-order, ordering and provisioning processes, **SBC-ILEC** and CLEC will use manual processes. Should SBC develop electronic interfaces for these functions for itself, SBC will make electronic access available to CLEC within the specific operating region.

2.7 The Information Services (I.S.) Call Center for the **SBC-8STATE** region, and the Resource Center for the **SBC-AMERITECH** region provides for technical support function of electronic OSS interfaces. CLEC will also provide a single point of contact for technical issues related to the CLEC's electronic interfaces.

2.8 **SBC-ILEC** and CLEC will establish interface contingency plans and disaster recovery plans for the pre-order, ordering and provisioning of Resale services and UNE.

2.9 The Parties will follow the final adopted guidelines of Change Management, as may be modified from time to time in accordance with the Change Management principles.

2.10 **SBC-ILEC** will and CLEC may participate in the Order and Billing Forum (OBF) and the Telecommunications Industry Forum (TCIF) to establish and conform to uniform industry guidelines for electronic interfaces for pre-order, ordering, and provisioning. Neither Party waives its rights as participants in such forums or in the implementation of the guidelines. To achieve system functionality as quickly as possible, the Parties acknowledge that **SBC-ILEC** may deploy interfaces with requirements developed in advance of industry guidelines. Thus, subsequent modifications may be necessary to comply with emerging guidelines. CLEC and **SBC-ILEC** are individually responsible for evaluating the risk of developing their respective systems in advance of guidelines and agree to support their own system modifications to comply with new requirements. In addition, **SBC-ILEC** has the right to define Local Service Request (LSR) Usage requirements according to the General Section 1.0, paragraph 1.4 of the practices in the OBF Local Service Ordering Guidelines (LSOG), which states: "Options described in this practice may not be applicable to individual providers tariffs; therefore, use of either the field or valid entries within the field is based on the providers tariffs/practices."

2.11 Due to enhancements and on-going development of access to **SBC-ILEC** 's OSS functions, certain interfaces described in this Appendix may be modified, temporarily unavailable or may be phased out after execution of this Appendix. **SBC-ILEC** shall provide proper notice of interface phase-out as required by the Change Management process.

2.12 CLEC is responsible for obtaining operating system software and hardware to access **SBC-ILEC** OSS functions as specified in: "Requirements for Access to Southwestern Bell OSS Functions" and "Requirements for Access to Pacific Bell OSS Functions" and "SNET W-CIW in Installation Guide" and "Ameritech Electronic Service Order Guide", or any other documents or interface requirements subsequently generated by **SBC-ILEC** for any of its regions.

3. PRE-ORDERING

3.1 **SBC-ILEC** will provide real time access to pre-order functions to support CLEC ordering of Resale services and UNE. The Parties acknowledge that ordering requirements necessitate the use of current, real time pre-order information to accurately build service orders. The following lists represent pre-order functions

that are available to CLEC so that CLEC order requests may be created to comply with **SBC-ILEC** region-specific ordering requirements.

3.2 **Pre-ordering functions for Resale Services include:**

3.2.1 For **SBC-7STATE**, features and services available at a valid service address (as applicable) or, for **SNET**, features will be available based on NPA-NXX;

3.2.2 Access to **SBC-ILEC** retail or resold CPNI and account information for pre-ordering will include: billing name, service address, billing address, service and feature subscription, directory listing information, long distance carrier identity, and for **SBC-12STATE** only, pending service order activity. CLEC agrees that CLEC's representatives will not access the information specified in this subsection until after the End User requests that his or her Local Service Provider be changed to CLEC, and an End User authorization for release of CPNI complies with conditions as described in section 2.4 of this Appendix.

3.2.3 A telephone number (if the End User does not have one assigned) with the End User on-line;

3.2.4 Service availability dates to the End User (where available);

3.2.5 Information regarding whether dispatch is required;

3.2.6 For **SBC-12STATE**, Primary Interexchange Carrier (PIC) options for intraLATA toll and interLATA toll; and

3.2.7 Service address verification.

3.3 **Pre-ordering functions for UNEs include:**

3.3.1 Features available at an End Office for a valid service address (as applicable);

3.3.2 Access to **SBC-ILEC** retail or resold CPNI and account information for pre-ordering will include: billing name, service address, billing address, service and feature subscription, directory listing information, long distance carrier identity, and, for **SBC-12STATE** only, pending service order activity. CLEC agrees that CLEC's representatives will not access the information specified in this subsection until after the End User requests that his or her Local Service Provider be changed to CLEC, and an End User authorization for release of CPNI complies with conditions as described in Section 2.4 of this Appendix.

3.3.3 Telephone number assignment (if the End User does not have one assigned) with the End User on-line;

3.3.4 For **SBC-12STATE**, Primary Interexchange Carrier options for intraLATA toll and interLATA toll;

3.3.5 Service address verification; and

3.3.6 For **SBC-12STATE**, Channel facility assignment (CFA), network channel (NC), and network channel interface (NCI) data.

3.4 Electronic Access to Pre-Order Functions:

3.4.1 **SBC-SWBT Resale Services Pre-order System Availability: SBC-SWBT** will provide CLEC access to one or more of the following systems:

3.4.1.1 Residential Easy Access Sales Environment (R-EASE): R-EASE is an ordering entry system through which **SBC-SWBT** provides CLEC access to the functions of pre-ordering to order **SBC-SWBT** residential Resale services.

3.4.1.2 Business Easy Access Sales Environment (B-EASE): B-EASE is an ordering entry system through which **SBC-SWBT** provides CLEC access to the functions of pre-ordering to order **SBC-SWBT** business Resale services.

3.4.2 **PACIFIC and NEVADA Resale Services Pre-Order System Availability: PACIFIC** will provide CLEC access to the following system:

3.4.2.1 Service Order Retrieval and Distribution (SORD) is available for the pre-order function of viewing the CPNI, when SORD is used to order **PACIFIC** Resale service.

3.4.2.2 StarWriter is available for the pre-ordering functions listed in section 3.2 when StarWriter is used to order **PACIFIC** single line, basic exchange, residential Resale services.

3.4.3 **SNET Resale Service Pre-Order System Availability: SNET** will provide CLEC access to the following applications through its proprietary W-CIWin interface.

3.4.3.1 W-SNAP is an order entry application through which **SNET** provides CLEC access to pre-ordering functionality embedded in the ordering tool.

3.4.3.2 CCTOOLS is a toolbar that provides icons for accessing pre-order GUI applications.

3.4.3.3 Electronic Forms (EF) is an automated workflow process for obtaining pre-order information for specific complex resale products.

3.4.4 **SNET Resale and UNE Services Pre-Order System Availability: SNET** will provide CLEC access to its MSAP:

3.4.4.1 MSAP is an Electronic Data Interchange (EDI) based interface which provides access to pre-order functions.

3.4.5 **SBC-AMERITECH Resale and UNE Services Pre-Order System Availability: SBC-AMERITECH** will provide CLEC access to the following system:

3.4.5.1 TCNet and EDI are available for the pre-ordering functions listed in section 3.2

3.4.6 **Resale and UNE Pre-order System Availability: SBC-7STATE** will provide CLEC access to the following systems (except as noted in section 3.4.6.3):

3.4.6.1 DataGate is a transaction-based data query system through which **SBC-7STATE** provides CLEC access to pre-ordering functions. This gateway shall be a Transmission Control Protocol/Internet Protocol (TCP/IP) gateway and will, once CLEC has developed its own interface, allow CLEC to access the pre-order functions for Resale services and UNE. An industry standard EDI/CORBA Pre-ordering Gateway is also provided by **SBC-7STATE**. This pre-ordering gateway supports two structural protocols, EDI and CORBA, as recommended by the technical industry committees. EDI/CORBA, like DataGate, is an application-to-application interface that can be integrated with the CLEC's own negotiation system and that supports both Resale services and UNEs. Where DataGate follows industry guidelines, but is based on **SBC-7STATE**'s proprietary pre-ordering functionality, EDI/CORBA is an industry-wide standard pre-ordering interface.

3.4.6.2 Verigate is a CLEC interface developed by **SBC-7STATE** that provides access to the pre-ordering functions for Resale Services and UNE. Verigate is accessible via Toolbar.

3.4.6.3 CESAR is a **PACIFIC** and **NEVADA** system which is available on an interim basis provides pre-order functions for Resale service and UNE, with the exception of viewing CPNI. The pre-order functionality of CESAR will be replaced by Verigate.

3.5 **Other Pre-order Function Availability:**

3.5.1 Where pre-ordering functions are not available electronically, CLEC will manually request this information from the LSC, dependent on operating region, for inclusion on the service order request.

3.5.2 Upon request, but not more frequently than once a month, **SBC-SWBT** will provide CLEC certain pre-order information in batch transmission for the purposes of back-up data for periods of system unavailability. Specifically for **SBC-SWBT** and **SBC-AMERITECH**, the following database information may be electronically provided: Street Address Guide (SAG) Guide, Service and Feature Availability by NXX, and a PIC list, to support address verification, service and feature availability and PIC availability, respectively. Specifically for **PACIFIC**, the following database information may be electronically provided: Street Address Guide (SAG) Guide (with planned availability no later than June 1st, 2000), and a PIC list, to support address verification, service and feature availability and PIC availability, respectively. The Parties recognize such information must be used to construct order requests only in exception handling situations.

4. ORDERING/PROVISIONING

4.1 **SBC-ILEC** provides access to ordering functions (as measured from the time **SBC-ILEC** receives accurate service requests from the interface) to support CLEC provisioning of Resale services and UNE via one or more electronic interfaces. To order Resale services and UNEs, CLEC will format the service request to identify what features, services, or elements it wishes **SBC-ILEC** to provision in accordance with applicable **SBC-ILEC** ordering requirements. **SBC-ILEC** will provide CLEC access to one or more of the following systems or interfaces:

4.2 **Resale Service Order Request System Availability:**

4.2.1 In **SBC-SWBT**:

4.2.1.1 R-EASE is available for the ordering of residential Resale services.

4.2.1.2 B-EASE is available for the ordering of business Resale services.

4.2.1.3 SORD interface provides CLECs with the ability to create certain complex Resale and UNE orders that cannot be ordered through Easy Access Sales Environment (EASE), Electronic Data Interchange (EDI) or Local Exchange (LEX). In addition, the SORD interface supports the modification of service orders submitted electronically by CLEC. The Parties agree that the following conditions are applicable to electronically generated service orders with errors corrected via SORD: If CLEC elects to correct service order errors via SORD, CLEC will be responsible for correcting all errors occurring prior to completion on any orders submitted electronically by CLEC. If CLEC chooses to use SORD to issue orders, then CLEC becomes responsible for correction of all service order errors between order application and order completion that occur on mechanically generated service orders created or modified by CLEC. CLEC may need to call the LSC to obtain additional information. CLEC may also choose to clear service order errors, even though CLEC is not initiating service orders via SORD. CLEC would then become responsible for correction of all errors, as detailed above.

4.2.2 In **NEVADA** only:

4.2.2.1 Pacific Bell Service Manager (PBSM) is available for ordering Centrex and ISDN Resale services.

4.2.2.2 When available, SORD system will support the ordering of all Resale Services. If CLEC chooses to use SORD to issue orders, then CLEC becomes responsible for correction of all service order errors between order application and order completion that occur on mechanically generated service orders created or modified by CLEC. CLEC may need to call the LSC to obtain additional information. CLEC may also choose to clear service order errors, even though CLEC is not initiating service orders via SORD. CLEC would then become responsible for correction of all errors, as detailed above.

4.2.3 In **PACIFIC** only:

4.2.3.1 StarWriter supports the ordering of single line, basic exchange, and residential Resale services.

4.2.3.2 Pacific Bell Service Manager (PBSM) is available for ordering Centrex and ISDN Resale services.

4.2.3.3 SORD system supports the ordering of all Resale Services. If CLEC chooses to use SORD to issue orders, then CLEC becomes responsible for correction of all service order errors between order application and order completion that occur on mechanically generated service orders created or modified by CLEC. CLEC may need to call the LSC to obtain additional information. CLEC may also choose to clear service order errors, even though CLEC is not initiating service orders via SORD. CLEC would then become responsible for correction of all errors, as detailed above.

4.2.4 In **SNET**, Resale ordering is supported by W-CIWin (**SNET**'s proprietary GUI interface).

4.2.4.1 W-SNAP is made available for the ordering of non-complex Resale products and services.

4.2.4.2 Order Negotiation (as part of CCTOOLS) is made available for the ordering of complex Resale products and services.

4.2.4.3 Electronic Forms (EF) is an automated workflow process for ordering of specific complex Resale products and services.

4.3 **Resale and UNE Service Order Request Ordering System Availability:**

4.3.1 **SBC-ILEC** makes available to CLEC an Electronic Data Interchange (EDI) interface for transmission of **SBC-ILEC** ordering requirements via formats provided on the Local Service Request (LSR) as defined by the OBF and via EDI mapping as defined by TCIF. In ordering and provisioning Resale, CLEC and **SBC-ILEC** will utilize industry guidelines developed by OBF and TCIF EDI to transmit data based upon **SBC-ILEC**'s Resale ordering requirements, dependent on operating region. In ordering and provisioning UNE, CLEC and **SBC-ILEC** will utilize industry guidelines developed by OBF and TCIF EDI to transmit data based upon **SBC-ILEC**'s UNE ordering requirements dependent on operating region. In addition, Local Number Portability (LNP) and, where applicable, Interim Number Portability (INP), will be ordered consistent with the OBF LSR and EDI process.

4.3.2 For **SBC-SWBT** and **PACIFIC** regions, and **NEVADA** (when available), SORD interface provides CLECs with the ability to create certain complex UNE orders that cannot be initiated through EASE, EDI or LEX. In

addition, the SORD interface supports the modification of service orders submitted electronically by CLEC. The Parties agree that the following conditions are applicable to electronically generated service orders with errors corrected via SORD: If CLEC chooses to use SORD to issue orders, then CLEC becomes responsible for correction of all service order errors between order application and order completion that occur on mechanically generated service orders created or modified by CLEC. CLEC may need to call the LSC to obtain additional information. CLEC may also choose to clear service order errors, even though CLEC is not initiating service orders via SORD. CLEC would then become responsible for correction of all errors, as detailed above. CLEC assumes all responsibility for End User out of service conditions which result from disconnect and new connect orders submitted and worked out of sequence.

4.3.3 In ordering and provisioning Unbundled Dedicated Transport and local interconnection trunks, CLEC and SBC will utilize industry ASR guidelines developed by OBF based upon SBC ordering requirements. In **SBC-SWBT**, **SNET**, and **SBC-AMERITECH**, EXACT supports the ordering of Unbundled Dedicated Transport and local interconnection trunks. In **PACIFIC** and **NEVADA** CESAR supports the ordering of Unbundled Dedicated Transport and local interconnection trunks.

4.3.4 For **SBC-SWBT** and **PACIFIC**, LEX is an End User interface that provides access to the ordering functions for Resale Services and UNE.

4.3.5 In **SNET**, MSAP (**SNET**'s EDI-based industry standard app-to-app interface) is available for the ordering of both complex and non-complex Resale Services, as well as the ordering of UNEs.

4.4 **Provisioning for Resale Services and UNE in SBC-SWBT**: **SBC-SWBT** will provision Resale services and UNE as detailed in CLEC order requests. Access to status on such orders will be provided via the following electronic interfaces:

4.4.1 Order Status will allow CLEC to check service order status. Order Status and Provisioning Order Status are both accessible via **SBC-SWBT** Toolbar. In addition, pending orders can be viewed in SORD.

4.4.2 For EDI ordering, **SBC-SWBT** will provide, and CLEC shall use, an EDI interface for transferring and receiving orders, Firm Order Confirmation (FOC), service completion, and, as available, other provisioning data and information. **SBC-SWBT** will provide CLEC with a FOC for each Resale service and UNE request. The FOC will include: purchase order number, telephone number, LSR number, due date, service order number, and completion date. Upon work completion, **SBC-SWBT** will provide CLEC with an 855 EDI transaction-based order completion that states when that order was completed. CLEC may submit supplement requests

via the 860 EDI transaction, and, where available, **SBC-SWBT** will provide CLEC an 865 EDI transaction-based completion notice.

4.4.3 The Parties agree that the following timelines are applicable to electronically generated service orders with errors corrected via SORD:

4.4.3.1 Errors occurring between application and distribution must be corrected within five (5) hours for a simple order and within twenty four (24) hours for a complex order;

4.4.3.2 Error Service Order Image (ESOI) errors must be corrected within three (3) business hours.

4.4.3.3 Service orders will be excluded from calculation of the results for all related performance measurements, described in Appendix Performance Measurements, if CLEC fails to correct service order errors within the timeframes specified in this Section 4.4.3.

4.4.3.4 Additionally, service orders with errors that occur after order generation, but prior to distribution will not qualify for a **SBC-SWBT** issued FOC.

4.4.3.5 The Parties agree that the following conditions are applicable to electronically generated service orders with errors corrected via SORD: If CLEC chooses to use SORD to issue orders, then CLEC becomes responsible for correction of all service order errors between order application and order completion, that occur on mechanically generated service orders created or modified by CLEC. CLEC may need to call LSC to obtain additional information. CLEC may also choose to clear service order errors, even though CLEC is not initiating service orders via SORD. CLEC would then become responsible for correction of all errors, as detailed above.

4.4.4 A file transmission may be provided to confirm order completions for R-EASE or B-EASE order processing. This file will provide service order information of all distributed and completed orders for CLEC.

4.4.5 The Parties agree that the following timelines are applicable to electronically generated service orders with errors corrected via SORD:

4.4.5.1 Errors occurring between application and distribution must be corrected prior to releasing the order from EASE;

4.4.5.2 Error Service Order Image (ESOI) errors must be corrected within three (3) business hours

4.4.5.3 Service orders will be excluded from calculation of the results for the related performance measurements, described in Appendix Performance Measurements, if CLEC fails to correct service order errors within the timeframes specified in this Section 4.4.5.

4.4.5.4 Service orders with errors that occur after order generation, but prior to distribution, will not qualify for a **SBC-SWBT** issued FOC.

4.4.5.5 The Parties agree that the following conditions are applicable to electronically generated service orders with errors corrected via SORD: If CLEC chooses to use SORD to issue certain service orders, then CLEC is responsible for correction of all service order errors between order application and order completion that occur on mechanically generated service orders created or modified by CLEC. CLEC may need to call LSC to obtain additional information. CLEC may also choose to clear service order errors, even though CLEC is not initiating service orders via SORD. CLEC would then become responsible for correction of all errors, as detailed above.

4.4 Provisioning for Resale services and UNEs in **PACIFIC** and **NEVADA**: **PACIFIC** and **NEVADA** will provision Resale services and UNE as detailed in CLEC order requests. Access to status on such orders is provided via the following electronic interfaces:

4.5.1 Pacific Bell Order Dispatch (PBOD) functions via DataGate allows CLEC to check status of basic exchange service orders that require field work. **PACIFIC** also offers Provisioning order status to check the status of service orders.

4.5.2 For EDI ordering, **PACIFIC** shall provide CLEC, and CLEC shall use, an EDI interface for transferring and receiving orders, Firm Order Confirmation (FOC), service completion, and, as available, other provisioning data and information. **PACIFIC** will provide CLEC with a FOC for each Resale service and UNE request. The FOC will include: purchase order number, telephone number, LSR number, due date, service order number, and completion date. Upon work completion, **PACIFIC** will provide CLEC with an 855 EDI transaction-based order completion that states when that order was completed. CLEC may submit supplement

requests via the 860 EDI transaction, and, where available, **PACIFIC** will provide CLEC an 865 EDI transaction-based completion notice.

4.5.3 The Parties agree that the following timelines are applicable to electronically generated service orders with errors corrected via SORD:

4.5.3.1 Errors occurring between application and distribution must be corrected within five (5) hours for a simple order and within twenty four (24) hours for a complex order;

4.5.3.2 Error Service Order Image (ESOI) errors must be corrected within three (3) business hours.

4.5.3.3 Service orders will be excluded from calculation of the results for all related performance measurements, described in Appendix Performance Measurements, if CLEC fails to correct service order errors within the timeframes specified in this Section 4.5.3.

4.5.3.4 Service orders with errors that occur after order generation, but prior to distribution will not qualify for a **PACIFIC** issued FOC.

4.5.3.5 The Parties agree that the following conditions are applicable to electronically generated service orders with errors corrected via SORD: If CLEC chooses to use SORD to issue orders, then CLEC becomes responsible for correction of all service order errors between order application and order completion that occur on mechanically generated service orders created or modified by CLEC. CLEC may need to call LSC to obtain additional information. CLEC may also choose to clear service order errors, even though CLEC is not initiating service orders via SORD. CLEC would then become responsible for correction of all errors, as detailed above.

4.6 **Provisioning for Resale Services and UNEs in SBC-AMERITECH and SNET**: **SBC-SMERITECH** and **SNET** will provision Resale services and UNE as detailed in CLEC order requests. Access to status on such orders will be provided via the following electronic interfaces:

4.6.1 For EDI ordering, **SBC-AMERITECH** and **SNET** provide CLEC, and CLEC shall use, an EDI interface for transferring and receiving orders, FOC, Service Order Completion (SOC), and, as available, other provisioning data and information. **SBC-AMERITECH** and **SNET** will provide CLEC with a FOC for each Resale service and UNE request. The FOC will include: purchase order number, telephone number, LSR number, due date, and service order number. Upon work completion, **SBC-AMERITECH** and **SNET** will provide CLEC with an 855 EDI

transaction-based Service Order Completion (SOC) that states when that order was completed. CLEC may submit supplement requests via the 860 EDI transaction, and, where available, **SBC-AMERITECH** and **SNET** will provide CLEC an 865 EDI transaction-based completion notice.

5. MAINTENANCE/REPAIR

5.1 Two real time electronic interfaces are accessible in each region to place, and check the status of, trouble reports for both Resale services and UNEs. Upon request, CLEC may access these functions via the following methods:

5.1.1 In **SBC-SWBT**, Trouble Administration (TA) system access provides CLEC with **SBC-SWBT** software that allows CLEC to submit trouble reports and subsequently check status on trouble reports for CLEC End-Users. TA will provide the ability to review the maintenance history of a converted Resale CLEC account. TA is accessible via **SBC-SWBT** Toolbar.

5.1.2 In **PACIFIC** and **NEVADA**, Pacific Bell Service Manager (PBSM) allows CLECs to perform MLT, issue trouble tickets, view status, and view trouble history on-line.

5.1.3 In **SBC-AMERITECH**, Electronic Bonding for Trouble Administration (EBTA-GUI) and Intelligent Customer Advocate System (ICAS) allows CLEC to issue trouble tickets, view status, and view trouble history on-line.

5.1.4 In **SNET** the maintenance and repair functionality for Resale services and UNEs is available via the MSAP EDI interface. In addition, for Resale products and services, trouble history and trouble status functions are available via CCTOOLS.

5.1.5 In **SBC-12STATE**, Electronic Bonding Interface (EBI) is an interface that is available for trouble report submission and status updates. EBI conforms to ANSI guidelines T1:227:1995 and T1.228:1995, Electronic Communications Implementation Committee (ECIC) Trouble Report Format Definition (TFRD) Number 1 as defined in ECIC document ECIC/TRA/95-003, and all guidelines referenced within those documents, as mutually agreed upon by CLEC and **SBC-12STATE**. Functions currently implemented include Enter Trouble, Request Trouble Report Status, Add Trouble Information, Modify Trouble Report Attributes, Trouble Report Attribute Value Change Notification, and Cancel Trouble Report, as explained in 6 and 9 of ANSI T1.228:1995. CLEC and **SBC-12STATE** will exchange requests over a mutually agreeable X.25-based network.

6. BILLING

6.1 **SBC-7STATE** will bill CLEC for Resold services and UNEs. **SBC-7STATE** will send associated billing information to CLEC as necessary to allow CLEC to perform billing functions. At minimum **SBC-7STATE** will provide CLEC billing information in a paper format or via magnetic tape, as agreed to between CLEC and **SBC-7STATE**.

6.1.1 For Resale Services in **PACIFIC**, CLEC may elect to receive Custom Billing Disk/ CD Bill. Custom Billing Disk/ CD Bill provides an electronic bill with the same information as a paper bill along with various reporting options.

6.1.2 For Resale Services in **SBC-AMERITECH**, CLEC may elect to receive its bill on CD.

6.2 Electronic access to billing information for Resale services will also be available via the following interfaces:

6.2.1 In **SBC-SWBT**, CLEC may receive Bill Plus™, an electronic version of its bill, as described in, and in accordance with, **SBC-SWBT**'s Local Exchange Tariff.

6.2.2 In **SBC-SWBT**, CLEC may also view billing information through the Bill Information interface. Bill Information will be accessible via **SBC-SWBT** Toolbar.

6.2.3 In **SBC-7STATE**, CLEC may receive a mechanized bill format via the EDI 811 transaction set.

6.2.4 In **SBC-12STATE**, CLEC may receive electronically a Usage Extract Feed, or in **SNET**, a Daily Usage Feed (DUF). On a daily basis, this feed provides information on the usage billed to its accounts for Resale services in the industry standardized EMR format.

6.2.5 In **SBC-7STATE**, CLEC may receive Local Disconnect Report records (via CARE records) or, in **SNET** Loss Notification File (via CARE-like records), electronically, that indicate when CLEC's End Users change their Competitive Local Exchange Carrier. In **SBC-AMERITECH** this information is provided via the EDI 836 transaction set.

6.2.6 In **SNET**, CLEC may receive a Billing Detail File on cartridge or magnetic tape.

6.2.7 In **SBC-AMERITECH**, CLEC may receive a mechanized bill via the **SBC-AMERITECH** Electronic Billing System (AEBS) transaction set.

6.3 Electronic access to billing information for UNE will also be available via the following interfaces:

6.3.1 **SBC-8STATE** makes available to CLECs a local Bill Data Tape to receive data in an electronic format from its CABS database. The local Bill Data Tape contains the same information that would appear on CLEC's paper bill. **SBC-AMERITECH** also makes available to CLECs a local bill via the **SBC-AMERITECH** Electronic Billing System (AEBS) transaction set.

6.3.2 In **SBC-SWBT**, CLEC may also view billing information through the Bill Information interface. Bill Information will be accessible via **SBC-SWBT** Toolbar.

6.3.3 In **SBC-12STATE**, CLECs will receive a Usage Extract Feed, or in **SNET**, a Daily Usage Feed (DUF), electronically, on a daily basis, with information on the usage billed to its accounts for UNEs in the industry standardized Exchange Message Record (EMR) format.

6.3.4 **SBC-7STATE**, CLEC may receive Local Disconnect Report records (via CARE records) electronically that indicate when CLEC's End Users, utilizing **SBC-7STATE**, ports, change their Competitive Local Exchange Carrier. In **SBC-AMERITECH** this information is provided via the EDI 836 transaction set.

7. REMOTE ACCESS FACILITY

7.1 For the **SBC-SWBT** region, CLEC must access the following OSS interfaces via a CLEC Remote Access Facility (LRAF) located in Dallas, Texas: R-EASE; B-EASE; DataGate; EDI-Ordering; SORD; Electronic Bonding via EDI/SSL or CORBA; and via Toolbar, Trouble Administration, Order Status, Provisioning Order Status, Verigate, LEX, and Bill Information. Connection to the LRAF will be established via a "port" either through dial-up or direct connection as described in Section 7.3. CLEC may utilize a port to access these interfaces to perform the supported functions in any **SBC-SWBT** state where CLEC has executed an Appendix OSS.

7.2 In **PACIFIC** and **NEVADA** regions, CLEC must access the following OSS interfaces via a CLEC Remote Access Facility (PRAF) located in Fairfield, California: StarWriter; DataGate; EDI-Ordering; SORD; Electronic Bonding via EDI/SSL or CORBA; and via Toolbar Verigate, LEX, Order Status, and Provisioning Order Status. Connection to the PRAF will be established via a "port" either through dial-up or direct connection as described in Section 7.3.

CLEC may utilize a port to access these interfaces to perform the supported functions in **PACIFIC** or **NEVADA** where CLEC has executed an Appendix OSS and purchases System Access in that state.

7.3 For **SBC-7STATE**, CLEC may use three types of access: Switched, Private Line, and Frame Relay. For Private Line and Frame Relay "Direct Connections," CLEC shall provide its own router, circuit, and two Channel Service Units/Data Service Units (CSU/DSU). The demarcation point shall be the router interface at the LRAF and/or PRAF. Switched Access "Dial-up Connections" require CLEC to provide its own modems and connection to the **SBC-SWBT** LRAF and the **PACIFIC** PRAF. CLEC shall pay the cost of the call if Switched Access is used.

7.4 For **SBC-7STATE**, CLEC shall use TCP/IP to access **SBC-7STATE** OSS via the LRAF and the PRAF. In addition, each CLEC shall have one valid Internet Protocol (IP) network address per region. CLEC shall maintain a user-id / password unique to each individual for accessing a **SBC-SWBT** OSS and **PACIFIC** OSS on CLEC's behalf. CLEC shall provide estimates regarding its volume of transactions, number of concurrent users, desired number of private line or dial-up (switched) connections, and length of a typical session.

7.5 For **SBC-7STATE**, CLEC shall attend and participate in implementation meetings to discuss CLEC LRAF/PRAF access plans in detail and schedule testing of such connections.

7.6 For **SBC-AMERITECH**, CLEC may use four types of access: DSO (56KB), DS1 (1.5MB), dedicated and Frame Relay (DS0 and DS1). CLEC shall provide its own router, circuit, and two Channel Service Units/Data Service Units (CSU/DSU). CLEC must use a legal IP address for its end of the connection.

7.7 For **SNET** region, CLEC may use a private line connection. The CLEC shall provide and maintain own router and CSU/DSU.

8. OPERATIONAL READINESS TEST (ORT) FOR ORDERING/PROVISIONING AND REPAIR/ MAINTENANCE INTERFACES

8.1 Prior to live access to interface functionality, the Parties must conduct Operational Readiness Testing (ORT), which will allow for the testing of the systems, interfaces, and processes for the OSS functions. ORT will be completed in conformance with agreed upon processes and implementation dates.

8.2 Prior to live system usage, CLEC must complete user education classes for **SBC-ILEC**-provided interfaces that affect the **SBC-ILEC** network. Course descriptions for all available classes by region are posted on the CLEC website in the Customer Education section. CLEC Training schedules by region are also available on the CLEC website and are subject to change, with class lengths

varying. Classes are train-the-trainer format to enable CLEC to devise its own course work for its own employees. Charges as specified below will apply for each class:

Training Rates	5 day class	4.5 day class	4 day class	3.5 day class	3 day class	2.5 day class	2 day class	1.5 day class	1 day class	1/2 day class
1 to 5 students	$4,050	$3,650	$3,240	$2,835	$2,430	$2,025	$1,620	$1,215	$810	$405
6 students	$4,860	$4,380	$3,890	$3,402	$2,915	$2,430	$1,945	$1,455	$970	$490
7 students	$5,670	$5,100	$4,535	$3,969	$3,400	$2,835	$2,270	$1,705	$1,135	$570
8 students	$6,480	$5,830	$5,185	$4,536	$3,890	$3,240	$2,590	$1,950	$1,300	$650
9 students	$7,290	$6,570	$5,830	$5,103	$4,375	$3,645	$2,915	$2,190	$1,460	$730
10 students	$8,100	$7,300	$6,480	$5,670	$4,860	$4,050	$3,240	$2,430	$1,620	$810
11 students	$8,910	$8,030	$7,130	$6,237	$5,345	$4,455	$3,565	$2,670	$1,780	$890
12 students	$9,720	$8,760	$7,780	$6,804	$5,830	$4,860	$3,890	$2,920	$1,945	$970

8.3 A separate agreement will be required as a commitment to pay for a specific number of CLEC students in each class. CLEC agrees that charges will be billed by **SBC-ILEC** and CLEC payment is due thirty (30) days following the bill date. CLEC agrees that personnel from other competitive Local Service Providers may be scheduled into any class to fill any seats for which the CLEC has not contracted. Class availability is first-come, first served with priority given to CLECs who have not yet attended the specific class.

8.4 Class dates will be based upon **SBC-ILEC** availability and will be coordinated among CLEC, the CLEC's **SBC-ILEC** Account Manager, and **SBC-ILEC** Industry Markets CLEC Training Product Management.

8.5 CLEC agrees to pay the cancellation fee of the full price noted in the separate agreement if CLEC cancels scheduled classes less than two (2) weeks prior to the scheduled start date. CLEC agrees to provide to **SBC-ILEC** completed registration forms for each student no later than one week prior to the scheduled training class.

8.6 CLEC agrees that CLEC personnel attending classes are to utilize only training databases and training presented to them in class. Attempts to access any other **SBC-ILEC** system are strictly prohibited.

8.7 CLEC further agrees that training material, manuals and instructor guides can be duplicated only for internal use for the purpose of training employees to utilize the capabilities of **SBC-ILEC**'s OSS in accordance with this Appendix and shall be deemed "Proprietary Information" and subject to the terms, conditions and limitations of Section 20 of the General Terms and Conditions.

9. MISCELLANEOUS CHARGES

9.1 For **SBC-SWBT** region only, CLEC requesting the Bill Plus™, as described in 6.2.1, agrees to pay applicable tariffed rate, less Resale discount.

9.2 For **SBC-7STATE**, CLEC requesting the billing function for Usage Billable Records, as described in 6.2.4 and 6.3.3, agrees to pay established rates pursuant to Appendix Pricing.

9.3 For **SBC-7STATE**, CLEC requesting the Local Disconnect Report, as described in 6.2.5 and 6.3.4, agrees to pay established rates pursuant to Appendix Pricing.

9.4 For **SBC-ILEC**, should CLEC request custom development of an exclusive interface to support OSS functions, such development will be considered by **SBC-ILEC** on an Individual Case Basis (ICB) and priced as such.

9.5 **SNET** will charge for the Billing Detail File, Daily Usage Feed, and Loss Notification File at rates filed and approved by DPUC.

10. EFFECTIVE DATE, TERM

11.1 Whereas CLEC is currently operational under an existing, approved Interconnection Agreement, this Appendix OSS will be effective, pending Commission approval, ten (10) days after it is filed with the state Commission; or, alternatively, this Appendix will be effective upon approval by the state Commission when it is approved as a part of the Interconnection Agreement, whichever is earlier.

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.

APPENDIX
PERFORMANCE MEASUREMENTS

TABLE OF CONTENTS

1. INTRODUCTION 3

2. SOLE REMEDY 4

3. DEFINITIONS 4

4. SPECIFIED PERFORMANCE STANDARDS 5

5. OCCURRENCE OF A SPECIFIED PERFORMANCE BREACH 5

6. LIQUIDATED DAMAGES AS FORM OF REMEDY 5

7. LIQUIDATED DAMAGES PAYMENT PLAN; GENERALLY 6

8. LIQUIDATED DAMAGES; METHOD OF CALCULATION 6

9. TABLE OF CRITICAL VALUES 9

10. LIMITATIONS 10

11. RECORDS AND REPORTS 11

12. AUDITS 12

13. INITIAL IMPLEMENTATION 12

14. PERFORMANCE MEASUREMENTS 13

15. APPLICABILITY OF OTHER RATES, TERMS, AND CONDITIONS 29

APPENDIX PERFORMANCE MEASUREMENTS

1. INTRODUCTION

1.1 This Appendix sets forth the measurements, if met by the applicable SBC Communications Inc. (SBC) owned Incumbent Local Exchange Carrier (ILEC) demonstrate non-discriminatory access to **SBC-ILEC**'s Operations Support Systems (OSS) and cover the five recognized OSS functions (Pre-Ordering, Ordering, Provisioning, Maintenance and Repair, and Billing).

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, Nevada Bell Telephone Company, The Ohio Bell Telephone Company, Pacific Bell Telephone Company, The Southern New England Telephone Company, Southwestern Bell Telephone Company and/or Wisconsin Bell, Inc. d/b/a Ameritech Wisconsin.

1.3 As used herein, **SBC-ILEC** means the applicable above listed ILEC doing business in Arkansas, California, Connecticut, Illinois, Indiana, Kansas, Michigan, Missouri, Nevada, Ohio, Oklahoma, Texas, and Wisconsin.

1.4 As used herein, **SBC-SWBT** means the applicable above listed ILEC doing business in Arkansas, Kansas, Missouri, Oklahoma, and Texas.

1.5 As used herein, **SBC-AMERITECH** means the applicable above listed ILEC doing business in Illinois, Indiana, Michigan, Ohio, and Wisconsin.

1.6 As used herein, **SBC-SNET** means the applicable above listed ILEC doing business in Connecticut.

1.7 As used herein, **PACIFIC** means the applicable above listed ILEC doing business in California.

1.8 As used herein, **NEVADA** means the applicable above listed ILEC doing business in Nevada.

1.9 The performance measurements contained herein, notwithstanding any provisions in any other appendix in this Agreement, are not intended to create, modify or otherwise affect parties' rights and obligations with respect to OSS access. The existence of any particular performance measure, or the language describing that measure, is not evidence that CLEC is entitled to any particular manner of access, nor is it evidence that **SBC-ILEC** is limited to providing any particular manner of access. The parties' rights and obligations to such access are defined elsewhere, including the relevant laws, FCC and

PUC decisions/regulations, tariffs, and within this interconnection agreement.

2. SOLE REMEDY

2.1 These liquidated damages shall be the sole and exclusive remedy of CLEC for **SBC 13-STATE**'s failure to meet specified performance measures and shall be in lieu of any other damages CLEC might otherwise seek for such breach through any claim or suit brought under any contract or tariff.

3. DEFINITIONS

3.1 When used in this Appendix, the following terms will have the meanings indicated:

3.1.1 Performance Criteria

3.1.1.1 The target level of **SBC-ILEC** performance specified for each Performance Measurement. Generally, the Performance Measurements contained in this Appendix specify performance equal to that which **SBC-ILEC** achieves for itself in providing equivalent end user service as the Performance Criterion. Parity exists when the measured results in a single month (whether in the form of means, proportions, or rates) for the same measure, at equivalent disaggregation for both **SBC-ILEC** and CLEC are used to calculate an appropriate test statistic and the resulting test value has an associated probability that is no less than the critical probability indicated in the Table of Critical Values shown in Section 9.

3.1.1.2 Performance Measurements for which parity calculations are not possible have a specified *standard* as the Performance Criterion. Compliance is assessed by comparing the result obtained by the CLEC with the applicable standard using an appropriate statistical test. The result is compliant if the probability associated with the test statistic is no less than the critical probability indicated in the Table of Critical Values shown in Section 9.

3.1.2 Performance Measures

3.1.2.1 The set of measures listed in all of Section 14 of this Appendix.

3.1.3 Non-compliance

3.1.3.1 The failure by **SBC-ILEC** to meet the Performance Criteria for any performance measure identified as an available measurement type in Section 14.

4. SPECIFIED PERFORMANCE STANDARDS

4.1 **SBC-ILEC** shall not be obligated to pay liquidated damages or assessments for noncompliance with a performance measurement to the extent that such noncompliance was the result of actions or events beyond **SBC-ILEC**'s control, including but not limited to the following: (i) a Force Majeure event; (ii) an act or omission by a CLEC that is contrary to any of its obligations under its interconnection agreement with **SBC-ILEC** or law; (iii) environmental events beyond **SBC-ILEC**'s control even though not considered "Force Majeure"; and (iv) problems associated with third-party systems or equipment which could not be avoided by **SBC-ILEC** through the exercise of reasonable diligence, regardless of whether or not such third-party systems or equipment were sold to or otherwise being provided to **SBC-ILEC**.

5. OCCURRENCE OF A SPECIFIED PERFORMANCE BREACH

5.1 In recognition of either: 1) the loss of End User opportunities, revenues and goodwill which a CLEC might sustain in the event of a Specified Performance Breach; 2) the uncertainty, in the event of a Specified Performance Breach, of a CLEC having available to its End User opportunities similar to those opportunities available to **SBC-ILEC** at the time of a breach; or 3) the difficulty of accurately ascertaining the amount of damages a CLEC would sustain if a Specified Performance Breach occurs, **SBC-ILEC** agrees to pay the CLEC, subject to Section 6.1 below.

6. LIQUIDATED DAMAGES AS FORM OF REMEDY

6.l The Parties agree and acknowledge that a) the Liquidated Damages are not a penalty and have been determined based upon the facts and circumstances known by the Parties at the time of the negotiation and entering into this Agreement, with due consideration given to the performance expectations of each Party; b) the Liquidated Damages constitute a reasonable approximation of the damages the CLEC would sustain if its damages were readily

ascertainable; and c) neither Party will be required to provide any proof of the Liquidated Damages.

7. LIQUIDATED DAMAGES PAYMENT PLAN; GENERALLY

7.1 Liquidated damages apply to the available, non-diagnostic measures designated in section 14 when **SBC-ILEC** delivers Non-complaint performance as defined in 3.1.3

7.2 The Table of Critical Values (Section 9) gives the maximum number, F, of measurements of those required to be reported to the CLEC that may fail the Performance Criteria in any month. Liquidated damages apply to Non-compliant measures that are in excess of the applicable value of F.

7.3 None of the liquidated damages provisions set forth in this proposal will apply during the first three months after a CLEC first purchases the type of service or unbundled network element(s) associated with a particular performance measurement or introduction of a new measure.

7.4 There are two kinds of failures of the Performance Criteria. *Ordinary* failures are failures on a measure for one month or two consecutive months. *Chronic* failures are failures on a measure for three consecutive months. Ordinary failures may be excused up to the applicable value of F from the Table of Critical Values. Chronic failures may not be excused in that manner. $500 is paid for each ordinary failure in excess of F. $15,000 is paid for each Chronic failure. For example, if the value of F is 8 and there are 10 Ordinary failures and 1 Chronic failure in a month, then the Liquidated Damages for that month would be (10-8)*$500 + $15,000 = $16,000. If there were 7 Ordinary failures and no Chronic failures, no Liquidated Damages would be paid.

8. LIQUIDATED DAMAGES; METHOD OF CALCULATION

8.1 **SBC-ILEC** and CLEC agree to use the following as statistical tests for evaluating the compliance of CLEC results with the Performance Criterion. These tests are applicable if the number of data points are greater than 30 for a given measurement.

8.2 The following list describes the tests to be used in evaluating the performance criterion. In each test, the important concept is the probability that the CLEC's results are significantly worse than either the comparable result for **SBC-ILEC** or the benchmark (whichever is relevant to the test). This probability is compared with the P value from the Table of Critical Values to decide if the measure meets the Performance Criterion. Probabilities that are less than the P value are deemed to have failed the test.

For parity measures that are expressed as Averages or Means, the following (Modified) Z test applies:

$z = (DIFF) / \delta_{DIFF}$

Where;
$DIFF = M_{ILEC} - M_{CLEC}$
M_{ILEC} = ILEC Average
M_{CLEC} = CLEC Average
$\delta_{DIFF} = SQRT\ [\delta^2_{ILEC}\ (1/ n_{CLEC} + 1/ n_{ILEC})]$
δ^2_{ILEC} = Calculated variance for ILEC.
n_{ILEC} = number of observations or samples used in ILEC measurement
n_{CLEC} = number of observations or samples used in CLEC measurement

The probability of the Z statistic is obtained from a standard normal distribution.

For parity measures that are expressed as Percentages or Proportions:

$z = (DIFF) / \delta_{DIFF}$

Where;
$DIFF = P_{ILEC} - P_{CLEC}$
P_{ILEC} = ILEC Proportion
P_{CLEC} = CLEC Proportion
$\delta_{DIFF} = SQRT\ [\delta^2_{ILEC}\ (1/ n_{CLEC} + 1/ n_{ILEC})]$
$\delta^2_{ILEC} = P_{ILEC}\ (1 - P_{ILEC})$.
n_{ILEC} = number of observations or samples used in ILEC measurement
n_{CLEC} = number of observations or samples used in CLEC measurement

The probability of the Z statistic is obtained from a standard normal distribution.

For parity measures that are expressed as Rates or Ratios:

$z = (DIFF) / \delta_{DIFF}$

Where;
$DIFF = R_{ILEC} - R_{CLEC}$
$R_{ILEC} = num_{ILEC}/denom_{ILEC}$
$R_{CLEC} = num_{CLEC}/denom_{CLEC}$
$\delta_{DIFF} = SQRT\ [R_{ILEC}\ (1/denom_{CLEC} + 1/ denom_{ILEC})]$

The probability of the Z statistic is obtained from a standard normal distribution.

In calculating the difference between the performances the formulae given above apply when a larger CLEC value indicates a higher quality of performance. For cases in which a smaller CLEC value indicates a higher quality of performance the order of subtraction should be reversed (i.e., $M_{CLEC} - M_{ILEC}$, $P_{CLEC} - P_{ILEC}$, $R_{CLEC} - R_{ILEC}$).

For measures with benchmarks that are expressed as Averages or Means:

$t = (DIFF) / \delta_{DIFF}$

Where;
$DIFF = M_{CLEC} - BM$
M_{CLEC} = CLEC Average
BM = Benchmark
$\delta_{DIFF} = SQRT\ [\delta^2_{CLEC}\ (1/\ n_{CLEC})]$
δ^2_{CLEC} = Calculated variance for CLEC.
n_{CLEC} = number of observations or samples used in CLEC measurement

The probability of the t statistic is obtained from Student's distribution with $n_{CLEC} - 1$ degrees of freedom.

For measures with benchmarks that are expressed as Percentages or Proportions:

When high proportions designate good service, the probability of the CLEC result is given by

$$\sum_{x=0}^{K} \binom{N}{x} B^x (1-B)^{N-x}$$

Where

K = PN

P = CLEC proportion

N = number of observations or samples used in CLEC measurement

B = benchmark expressed as a proportion

When low proportions designate good service, the probability of the CLEC result is given by

$$1 - \sum_{x=0}^{K} \binom{N}{x} B^x (1-B)^{N-x}$$

with the same definition of symbols as is given above.

8.3 The following table will be used for determining the critical probabilities that define the Performance Criterion as well as the number of non-compliant measures that may be excused in a given month. The table is read as follows: (1) determine the number of measures to which Liquidated Damages are applicable and which have sample sizes greater than or equal to 30 cases. Let this number be M. (2) Find that row of the table such that M is within the range of values given in the first two columns of the table. (3) Reading across that row determine the value of F from the third column. (4) The critical probability for determining compliance in each statistical test performed on the M measures is calculated by interpolating the last two columns of the table for that row. For example, suppose a CLEC has 50 measures. The applicable row has the range of 49 to 60 measures. The F value for that row is 7 and the critical probabilities is $6.2\% - (6.2\% - 5\%)\dfrac{50-49}{60-49} = 6.1\%$

9. TABLE OF CRITICAL VALUES

Number of Measures Reported to the CLEC (M)		(F)	Critical Probabilities for Assessing Parity and Compliance (P)	
Minimum Value in the Range Associated with F	Maximum Value in the Range Associated with F	Maximum Number of Failures that May be Excused	Probability for Minimum Value in the Range	Probability for Maximum Value in the Range
1	1	0	1.00%	1.00%
2	3	1	10.00%	5.90%
4	9	2	14.10%	5.30%
10	17	3	9.30%	5.20%
18	26	4	7.70%	5.20%
27	37	5	7.00%	5.10%
38	48	6	6.50%	5.10%
49	60	7	6.20%	5.00%
61	72	8	6.00%	5.00%
73	85	9	5.90%	5.00%
86	98	10	5.70%	5.00%
99	111	11	5.60%	5.00%
112	124	12	5.60%	5.00%
125	138	13	5.60%	5.00%
139	152	14	5.50%	5.00%
153	167	15	5.50%	5.00%
168	181	16	5.40%	5.00%
182	196	17	5.40%	5.00%
197	210	18	5.40%	5.00%
211	225	19	5.40%	5.00%

226	240	20	5.30%	5.00%
241	255	21	5.30%	5.00%
256	270	22	5.30%	5.00%
271	286	23	5.30%	5.00%
287	301	24	5.30%	5.00%
302	317	25	5.30%	5.00%
318	332	26	5.20%	5.00%
333	348	27	5.20%	5.00%
349	364	28	5.20%	5.00%
365	380	29	5.20%	5.00%
381	395	30	5.20%	5.00%
396	411	31	5.20%	5.00%
412	427	32	5.20%	5.00%
428	444	33	5.20%	5.00%

10. LIMITATIONS

10.1 **SBC-ILEC** will not be excused from payment of liquidated damages, as calculated by the rules set forth herein, on any grounds, except by application of the procedure provided for under Section 11.5. Any dispute regarding whether a **SBC-ILEC** performance failure is excused under that paragraph will be resolved, through negotiation, through a dispute resolution proceeding under applicable Commission rules or, if the parties agree, through commercial arbitration with the American Arbitration Association.

10.2 **SBC-ILEC** shall not be obligated to pay liquidated damages or assessments for noncompliance with a performance measurement to the extent that such noncompliance was the result of actions or events beyond **SBC-ILEC**'s control, including but not limited to the following: (i) a Force Majeure event; (ii) an act or omission by a CLEC that is contrary to any of its obligations under its interconnection agreement with **SBC-ILEC** or law; (iii) environmental events beyond **SBC-ILEC**'s control even though not considered "Force Majeure"; and (iv) problems associated with third-party systems or equipment which could not be avoided by **SBC-ILEC** through the exercise of reasonable diligence, regardless of whether or not such third-party systems or equipment were sold to or otherwise being provided to **SBC-ILEC**.

10.3 If a Delaying Event (i) prevents a Party from performing an activity, then such activity will be excluded from the calculation of **SBC-ILEC**'s compliance with the Performance Criteria, or (ii) only suspends **SBC-ILEC**'s ability to timely perform the activity, the applicable time frame in which **SBC-ILEC**'s compliance with the Performance Criteria is measured will be extended on an hour-for-hour or day-for-day basis, as applicable, equal to the duration of the Delaying Event.

11. RECORDS AND REPORTS

11.1 **SBC-ILEC** will not levy a separate charge for provision of the data to CLEC called for under this Appendix. Notwithstanding other provisions of this Agreement, the Parties agree that such data and associated records will be deemed Proprietary Information.

11.2 Reports are to be made available to the CLEC by the 20th day following the close of the calendar month. If the 20th day falls on a weekend or holiday, the reports will be made available the next business day.

11.3 CLEC will have access to monthly reports through an interactive Website.

11.4 **SBC-ILEC** will provide billing credits for the associated liquidated damages on or before the 30th day following the due date of the performance report for the month in which the obligation arose.

11.5 **SBC-ILEC** may not withhold payment of liquidated damages to CLEC, for any amount up to the amounts listed herein, unless **SBC-ILEC** has commenced an expedited dispute resolution proceeding on or before the payment due date, asserting one of the permitted grounds for excusing a damages payment below the procedural threshold as set out in Section 10.2 of this Appendix (Force Majeure, CLEC fault, and non-**SBC-ILEC** problems associated with third-party systems or equipment). In order to invoke the procedural threshold provisions allowing for escrow of damages obligations in excess of the amounts listed herein to CLEC, **SBC-ILEC** will pay the balance into escrow, and commence the show cause proceeding on or before the payment due date. These procedural thresholds are based on the aggregate damages to all CLECs in the designated state.

State	**Monthly Maximum**
Arkansas	$.072M
California	$1.26M
Connecticut	$.168M
Illinois	$.51M
Indiana	$.165M
Kansas	$.101M
State	**Monthly Maximum**
Michigan	$.392M
Missouri	$.189M
Nevada	$.024M
Ohio	$.296M

Oklahoma	$.120M
Texas	$.713M
Wisconsin	$.158M

12. AUDITS

12.1 CLEC and **SBC-ILEC** will consult with one another and attempt in good faith to resolve any issues regarding the accuracy or integrity of data collected, generated, and reported pursuant to this Appendix. In the event that CLEC requests such consultation and the issues raised by CLEC have not been resolved within 30 days after CLEC's request for consultation, then **SBC-ILEC** will allow CLEC to commence a mini-audit, at CLEC's expense, upon providing **SBC-ILEC** 5 days advance written notice (including e-mail).

12.2 CLEC is limited to auditing three (3) single measures/submeasures during the year (hereafter, "Mini-Audits"). No more than three (3) Mini-Audits will be conducted simultaneously for all CLECs, unless more than one CLEC wants the same measure/sub-measure audited at the same time, in which case, Mini-Audits of the same measure/submeasure shall count as one Mini-Audit for the purposes of this paragraph only.

12.3 CLEC will bear the expense of the mini-audits, unless **SBC-ILEC** is found to be "materially" misreporting or misrepresenting data or to have non-compliant procedures, in which case, **SBC-ILEC** will pay for the costs of the third party auditor. "Materially" at fault means that a reported successful measure changes as a consequence of the audit to a missed measure, or there is a change from an ordinary missed measure to another category, if such exists. Each party to the mini-audit shall bear its own internal costs, regardless of which party ultimately bears the costs of the third party auditor. The major service categories are listed below:

Pre-Ordering/Ordering
Provisioning
Maintenance
Interconnection
Coordinated Conversions
Collocation
Billing

13. INITIAL IMPLEMENTATION

13.1 The Parties agree that none of the liquidated damages provisions set forth in this Appendix will apply during the first three months after first purchases of

the a new type of service or unbundled network element(s) associated with a particular Performance Measurement or after the introduction of a new measure. During this three month period the Parties agree to consider in good faith any adjustments that may be warranted to the Performance Criteria for that Performance Measurement.

14. PERFORMANCE MEASUREMENTS

SBC-ILEC will provide the following Performance Measurements, in accordance with the Business Rules, under this Agreement:

14.1 Pre-Ordering/Ordering

14.1.1 **Measurement:** FOC Timeliness
Benchmarks:
***SBC-SWBT/SBC-AMERITECH**
All Res and Bus - 95%
Complex Bus - 94%
UNE Loop (1-49) - 95%
UNE Loop (>50) - 94%
Switch Ports - 95%
The average for the remainder of each measure disaggregated shall not exceed 20% of the established benchmark
***PACIFIC/NEVADA**
Fully electronic flow through - average 20 minutes
Electronically rec[1]eived/Manually handled - average 6 hours
Manually received/Manually handled – average 12 hours
Interconnection Trunks Standard –
New: average 7 days
Augment: average 4 days
SNET
90% ≤ 24 business hours (MSAP only)

[1] *****Refer to INTERCONNECTION AGREEMENT: GENERAL TERMS AND CONDITIONS paragraph 2.10.1

14.1.2 **Measurement:** Pre-Order Response Time

Benchmarks:

***SBC-SWBT/SBC-AMERITECH**

Address Verification	4.7 sec
Request for Telephone Number	4.5 sec
Request for Customer Service Record (CSR)	6.6 sec.
Service Availability	6.6 sec.
Service Appointment Scheduling (Due Date)	1.0 sec.
Dispatch Required	12.6 sec.
PIC	Diagnostic only

***PACIFIC/NEVADA**

Mechanized:

Address Verification	4.5 sec
Request for Telephone Number	4.5 sec
Request for Customer Service Record (CSR)	10.0 sec.
Service Availability	8.0 sec.
Service Appointment Scheduling (Due Date)	2.0 sec.
Dispatch Required	11.0 sec.

Manual:

CSRs Standard – 95% in 4 hours

Facilities Availability Inquiries (K1023) - Parity

SNET

98% $\leq$ 5 sec. (MSAP only)

14.1.3 **Measurement:** Percentage of Flow-Through Order

Benchmarks:

***SBC-SWBT/SBC-AMERITECH**

Diagnostic only

***PACIFIC/NEVADA**

Diagnostic only

SNET

Measure not available

14.1.4 **Measurement:** OSS Interface Availability
Benchmarks:
***SBC-SWBT/SBC-AMERITECH**
99.5%[2]
***PACIFIC/NEVADA**
Parity for systems used by both **PACIFIC/NEVADA** and CLEC.
99.25% for OSS interfaces used exclusively by CLECs.
SNET
98.9% (MSAP only)

14.1.5 **Measurement:** Completion Notice Timeliness
Benchmarks:
***SBC-SWBT/SBC-AMERITECH**
97%
***PACIFIC/NEVADA**
Fully electronic (orders that flow through) (LEX, EDI) – average 20 minutes
All other interfaces – 90% within 24 hours
SNET
98% within ≤ 2 hours (Dispatched Service Orders only)

14.2 Provisioning

14.2.6 **Measurement:** Installation Appointment Commitment
Benchmarks:
***SBC-SWBT/SBC-AMERITECH**
POTS:
Resale POTS parity between Field Work compared to **SBC-SWBT** Field Work (N, T, C order types) and No Field Work compared to **SBC-SWBT** Retail No Field Work (N, T, and C order types). UNE Combo parity[3] between Field Work compared to **SBC-SWBT** Field Work (N, T, C order types) and No Field Work compared to **SBC-SWBT** Retail No Field Work (N, T, C order types).
Design:
Parity with **SBC-SWBT** retail

[2] *****Refer to INTERCONNECTION AGREEMENT: GENERAL TERMS AND CONDITIONS, paragraph 2.10.1.
[3] *Refer to INTERCONNECTION AGREEMENT:GENERAL TERMS AND CONDITIONS, paragraph 2.10.1.

UNE:

	Parity:	Retail Comparison:
1	8.0 dB Loop with Test Access and 8.0 dB Loop without Test Access (FW)	POTS (Res/Bus FW)
1a	8.0 dB Loop with Test Access and 8.0 dB Loop without Test Access (NFW)	POTS (Res/Bus NFW)
2	5.0 dB Loop with Test Access and 5.0 dB Loop without Test Access	VGPL
3	BRI Loop with Test Access	ISDN
4	ISDN BRI Port	ISDN
	Parity:	Retail Comparison:
5	DS1 Loop with Test Access	DS1
6	DS1 Dedicated Transport	DS1
7	Subtending Channel (23B)	DDS
8	Subtending Channel (1D)	DDS
9	Analog Trunk Port	VGPL
10	Subtending Digital Direct Combination Trunks	VGPL
11	DS3 Dedicated Transport	DS3
12	Dark Fiber	DS3
13	DSL Loops	DS1

***PACIFIC/NEVADA**

POTS: Parity
Design: Parity
UNE:

Parity:	Retail Comparison:
2/4w (8db) analog loop (incl. Coin/analog, PBX)	POTS – Business (fielded)
2/4w (5.5 db) assured analog loop	POTS Business Assured (PBX)
2w digital loop (ISDN capable)	ISDN (BRI)
2w digital loop (xDSL capable)	ADSL
4w digital loop (1.544Mbps capable)	DS1
UNE Port – Basic Analog/Coin	POTS – Business (fielded)
UNE Port – CENTREX	CENTREX
UNE Port – ISDN (BRI)	CENTREX

UNE Port – DS1/ISDN – PRI (incl. DS[4]1 line port)	DS1/ISDN (PRI)
UNE Port – PBX DID	PBX DID
UNE Dedicated Transport (incl. DS1 and DS3)	HICAP (DS1 & DS3)
UNE Platform	Analogous Retail Service
Interconnection Trunks	ILEC Dedicated Trunks

SNET

POTS:	Parity
Digital Specials:	Parity
Analog Specials:	Parity

14.2.7 **Measurement:** Installation Trouble Reports

Benchmarks:

***SBC-SWBT/SBC-AMERITECH**

POTS:

Resale POTS parity between Field Work compared to **SBC-SWBT** Field Work (N, T, C order types) and No Field Work compared to **SBC-SWBT** Retail No Field Work (N, T, and C order types). UNE Combo parity between Field Work compared to **SBC-SWBT** Field Work (N, T, C order types) and No Field Work compared to **SBC-SWBT** Retail No Field Work (N, T, C order types).

Design:

Parity with **SBC-SWBT** retail

UNE:

	Parity:	Retail Comparison:
1	8.0 dB Loop with Test Access and 8.0 dB Loop without Test Access (FW)	POTS (Res/Bus FW)
1a	8.0 dB Loop with Test Access and 8.0 dB Loop without Test Access (NFW)	POTS (Res/Bus NFW)
2	5.0 dB Loop with Test Access and 5.0 dB Loop without Test Access	VGPL
3	BRI Loop with Test Access	ISDN
4	ISDN[5] BRI Port	ISDN
5	DS1 Loop with Test Access	DS1
6	DS1 Dedicated Transport	DS1

[4] *Refer to INTERCONNECTION AGREEMENT:GENERAL TERMS AND CONDITIONS, paragraph 2.10.1.

[5] *Refer to INTERCONNECTION AGREEMENT: GENERAL TERMS AND CONDITIONS, paragraph 2.10.1.

7	Subtending Channel (23B)	DDS
8	Subtending Channel (1D)	DDS
9	Analog Trunk Port	VGPL
10	Subtending Digital Direct Combination Trunks	VGPL
11	DS3 Dedicated Transport	DS3
12	Dark Fiber	DS3
13	DSL Loops	DS1

***PACIFIC/NEVADA**

POTS: Parity
Design: Parity
UNE:

Parity:	Retail Comparison:
2/4w (8db) analog loop (incl. Coin/analog, PBX)	POTS – Business (fielded)
Parity:	Retail Comparison:
2/4w (5.5 db) assured analog loop	POTS Business Assured (PBX)
2w digital loop (ISDN capable)	ISDN (BRI)
2w digital loop (xDSL capable)	ADSL
4w digital loop (1.544Mbps capable)	DS1
UNE Port – Basic Analog/Coin	POTS – Business (fielded)
UNE Port – CENTREX	CENTREX
UNE Port – ISDN (BRI)	CENTREX
UNE Port – DS1/ISDN – PRI (incl. DS1 line port)	DS1/ISDN (PRI)
UNE Port – PBX DID	PBX DID
UNE Dedicated Transport (incl. DS1 and DS3)	HICAP (DS1 & DS3)
UNE Platform	Analogous Retail Service
Interconnection Trunks	ILEC Dedicated Trunks

SNET

POTS:[6] Parity
Digital Specials: Parity
Analog Specials: Parity

14.2.8 **Measurement:** Installation Interval
Benchmark:

[6] *Refer to INTERCONNECTION AGREEMENT: GENERAL TERMS AND CONDITONS, paragraph 2.10.1.

***SBC-SWBT/SBC-AMERITECH**

POTS:

Resale POTS parity between Field Work compared to **SBC-SWBT** Field Work (N, T, C order types) and No Field Work compared to **SBC-SWBT** Retail No Field Work (N, T, and C order types). UNE Combo parity between Field Work compared to **SBC-SWBT** Field Work (N, T, C order types) and No Field Work compared to **SBC-SWBT** Retail No Field Work (N, T, C order types).

Design:

Parity with **SBC-SWBT** retail

UNE:

95% within "X" days

2 Wire Analog and Digital and INP (1-10) -	3 days
2 Wire Analog and Digital and INP (11-20) -	7 days
2 Wire Analog and Digital and INP (20+) -	10 days
DS1 loop (includes PRI) (1-10) -	3 days
DS1 loop (includes PRI) (11-20) -	7 days
DS1 loop (includes PRI) (20+) -	10 days
XDSL loop (1-10) -	3 days
XDSL loop (11-20) -	7 days
XDSL loop (20+) -	10 days
Switch Ports – Analog Port -	2 days
Switch Ports – BRI Port (1–50) -	3 days
Switch Ports – BRI Port (50+) -	5 days
Switch Ports – PRI Port (1–20) -	5 days
Switch Ports – PRI Port (20+) -	10 days
DS1 Trunk Port (1-10)	3 days
DS1 Trunk Port (11-20)	5 days
DS1 Trunk Port (20+)	ICB
Dedicated Transport (DS0, DS1, DS3) (1-10)	3 days
Dedicated Transport (DS0, DS1, DS3) (11-20)	5 days
Dedicated Transport (DS0, DS1, DS3) (20+)	ICB

DSL: Parity with **SBC-SWBT**

***PACIFIC/NEVADA**

POTS: Parity

Design: Parity

UNE:

Parity:	Retail Comparison:
2/4w (8db) analog loop (incl. Coin/analog, PBX)	POTS – Business (fielded)
2/4w (5.5[7] db) assured analog loop	POTS Business Assured (PBX)

[7] *Refer to INTERCONNECTION AGREEMENT: GENERAL TERMS AND CONDITIONS, paragraph 2.10.1.

2w digital loop (ISDN capable)	ISDN (BRI)
2w digital loop (xDSL capable)	ADSL
4w digital loop (1.544Mbps capable)	DS1
UNE Port – Basic Analog/Coin	POTS – Business (fielded)
UNE Port – CENTREX	CENTREX
UNE Port – ISDN (BRI)	CENTREX
UNE Port – DS1/ISDN – PRI (incl. DSI line port)	DS1/ISDN (PRI)
UNE Port – PBX DID	PBX DID
UNE Dedicated Transport (incl. DS1 and DS3)	HICAP (DS1 & DS3)
UNE Platform	Analogous Retail Service
Parity:	Retail Comparison:
Interconnection Trunks	ILEC Dedicated Trunks

DSL: Parity
SNET
POTS:
Vertical Feature/Simple: Parity
Non Dispatched Parity
Dispatched Parity
Digital Specials: Parity
Analog Specials: Parity
DSL: No measure available.

14.2.9 **Measurement:** Delayed Order Interval
Benchmark:
***SBC-SWBT/SBC-AMERITECH**
POTS:
Resale POTS parity between Field Work compared to **SBC-SWBT** Field Work (N, T, C order types) and No Field Work compared to **SBC-SWBT** Retail No Field Work (N, T, and C order types). UNE Combo parity between Field Work compared to **SBC-SWBT**

Field Work (N, T, C order types) and No Field Work compared to **SBC-SW[8]BT** Retail No Field Work (N, T, C order types).
Design:
Parity with **SBC-SWBT** retail
UNE:

	Parity:	Retail Comparison:
1	8.0 dB Loop with Test Access and 8.0 dB Loop without Test Access (FW)	POTS (Res/Bus FW)
1a	8.0 dB Loop with Test Access and 8.0 dB Loop without Test Access (NFW)	POTS (Res/Bus NFW)
2	5.0 dB Loop with Test Access and 5.0 dB Loop without Test Access	VGPL
3	BRI Loop with Test Access	ISDN
4	ISDN BRI Port	ISDN
5	DS1 Loop with Test Access	DS1
6	DS1 Dedicated Transport	DS1
7	Subtending Channel (23B)	DDS
8	Subtending Channel (1D)	DDS
9	Analog Trunk Port	VGPL
10	Subtending Digital Direct Combination Trunks	VGPL
11	DS3 Dedicated Transport	DS3
12	Dark Fiber	DS3
13	DSL Loops	DS1

***PACIFIC/NEVADA**
POTS: Parity
Design: Parity

UNE: Parity:	Retail Comparison:
2/4w (8db) analog loop (incl. Coin/analog, PBX)	POTS – Business (fielded)
2/4w (5.5 db) assured analog loop	POTS Business Assured (PBX)
2w digital loop (ISDN capable)	ISDN (BRI)
2w digital loop (xDSL capable)	ADSL
4w digital loop (1.544Mbps capable)	DS1
UNE Port – Basic Analog/Coin	POTS – Business (fielded)
UNE Port – CENTREX	CENTREX

[8] *Refer to INTERCONNECTION AGREEMENT: GENERAL TERMS AND CONDITIONS, paragraph 2.10.1.

UNE Port – ISDN (BRI)	CENTREX
UNE Port – DS1/ISDN – PRI (incl. DS1 line port)	DS1/ISDN (PRI)
UNE Port – PBX DID	PBX DID
UNE Dedicated Tr[9]ansport (incl. DS1 and DS3)	HICAP (DS1 & DS3)
UNE Platform	Analogous Retail Service
Interconnection Trunks	ILEC Dedicated Trunks

SNET
No measure available.

14.2.10 **Measurement:** Average Response Time for Loop Qualification Information
Benchmark:
***SBC-SWBT/SBC-AMERITECH**
Parity
***PACIFIC/NEVADA**
Parity

SNET
No measure available.

14.3 Maintenance

14.3.11 **Measurement:** Repair Appointment Commitment
Benchmark:
***SBC-SWBT/SBC-AMERITECH**
POTS:
Parity with Retail
UNE Combo:
Parity with Business and Residence combined.
UNE:
Parity with POTS Business and Residence combined
***PACIFIC/NEVADA**
POTS: Parity
UNE:

Parity:	Retail Comparison:
2/4w (8db) analog loop (incl. Coin/analog, PBX)[10]	POTS – Business (fielded)

[9] *Refer to INTERCONNECTION AGREEMENT: GENERAL TERMS AND CONDITIONS, paragraph 2.10.1.
[10] *Refer to INTERCONNECTION AGREEMENT: GENERAL TERMS AND CONDITIONS, paragraph

2/4w (5.5 db) assured analog loop	POTS Business Assured (PBX)
2w digital loop (ISDN capable)	ISDN (BRI)
2w digital loop (xDSL capable)	ADSL
4w digital loop (1.544Mbps capable)	DS1
UNE Port – Basic Analog/Coin	POTS – Business (fielded)
UNE Port – CENTREX	CENTREX
UNE Port – ISDN (BRI)	CENTREX
UNE Port – DS1/ISDN – PRI (incl. DS1 line port)	DS1/ISDN (PRI)
UNE Port – PBX DID	PBX DID
UNE Dedicated Transport (incl. DS1 and DS3)	HICAP (DS1 & DS3)
UNE Platform	Analogous Retail Service
Interconnection Trunks	ILEC Dedicated Trunks

SNET

POTS:	Parity
Digital Specials:	Parity
Analog Specials:	Parity

14.3.12 **Measurement:** Repeated Trouble Reports
Benchmark:
***SBC-SWBT/SBC-AMERITECH**
POTS:
Parity with Retail
UNE Combo:
Parity with Business and Residence combined.
Design:
Parity with Retail
UNE:

	Parity:	Retail Comparison:
1	8.0 dB Loop with Test Access and 8.0 dB Loop without Test Access (FW)	POTS (Res/Bus FW)
1a	8.0 dB Loop with Test Access and 8.0 dB Loop without Test Access (NFW)	POTS (Res/Bus NFW)
2	5.0 dB Loop with Test Access and 5.0 dB Loop without Test	VGPL

2.10.1.

	Access	
3	BRI Loop with Test Access	ISDN
4	ISDN BR[11]I Port	ISDN
5	DS1 Loop with Test Access	DS1
6	DS1 Dedicated Transport	DS1
7	Subtending Channel (23B)	DDS
8	Subtending Channel (1D)	DDS
9	Analog Trunk Port	VGPL
10	Subtending Digital Direct Combination Trunks	VGPL
11	DS3 Dedicated Transport	DS3
12	Dark Fiber	DS3
13	DSL Loops	DS1

***PACIFIC/NEVADA**

POTS: Parity
Design: Parity
UNE:

Parity:	Retail Comparison:
2/4w (8db) analog loop (incl. Coin/analog, PBX)[12]	POTS – Business (fielded)
2/4w (5.5 db) assured analog loop	POTS Business Assured (PBX)
2w digital loop (ISDN capable)	ISDN (BRI)
2w digital loop (xDSL capable)	ADSL
4w digital loop (1.544Mbps capable)	DS1
UNE Port – Basic Analog/Coin	POTS – Business (fielded)
UNE Port – CENTREX	CENTREX
UNE Port – ISDN (BRI)	CENTREX
UNE Port – DS1/ISDN – PRI (incl. DS1 line port)	DS1/ISDN (PRI)
UNE Port – PBX DID	PBX DID
UNE Dedicated Transport (incl. DS1 and DS3)	HICAP (DS1 & DS3)

[11] *Refer to INTERCONNECTION AGREEMENT: GENERAL TERMS AND CONDITIONS, paragraph 2.10.1.
[12] *Refer to INTERCONNECTION AGREEMENT: GENERAL TERMS AND CONDITIONS, paragraph 2.10.1.

UNE Platform	Analogous Retail Service
Interconnection Trunks	ILEC Dedicated Trunks

SNET
POTS: Parity

14.3.13 **Measurement:** Mean Time to Repair
Benchmark:
***SBC-SWBT/SBC-AMERITECH**
POTS:
Parity with Retail
UNE Combo:
Parity with Business and Residence combined.
Design:
Parity with Retail
UNE:

	Parity:	Retail Comparison:
1	8.0 dB Loop with Test Access and 8.0 dB Loop without Test Access (FW)	POTS (Res/Bus FW)
1a	8.0 dB Loop with Test Access and 8.0 dB Loop without Test Access (NFW)	POTS (Res/Bus NFW)
	Parity:	Retail Comparison:
2	5.0 dB Loop with Test Access and 5.0 dB Loop without Test Access	VGPL
3	BRI Loop with Test Access	ISDN
4	ISDN BRI Port	ISDN
5	DS1 Loop with Test Access	DS1
6	DS1 Dedicated Transport	DS1
7	Subtending Channel (23B)	DDS
8	Subtending Channel (1D)	DDS
9	Analog Trunk Port	VGPL
10	Subtending Digital Direct Combination Trunks	VGPL
11	DS3 Dedicated Transport	DS3
12	Dark Fiber[13]	DS3
13	DSL Loops	DS1

[13] *Refer to INTERCONNECTION AGREEMENT: GENERAL TERMS AND CONDITIONS, paragraph 2.10.1.

***PACIFIC/NEVADA**

POTS:	Parity
Design:	Parity
UNE:	Parity

SNET

POTS:	Parity
Digital Specials:	Parity
Analog Specials:	Parity

14.3.14 **Measurement:** Customer Trouble Report Rate

Benchmark:

***SBC-SWBT/SBC-AMERITECH**

POTS:
Parity with Retail
UNE Combo:
Parity with Business and Residence combined.
Design:
Parity with Retail
UNE:

	Parity:	Retail Comparison:
1	8.0 dB Loop with Test Access and 8.0 dB Loop without Test Access (FW)	POTS (Res/Bus FW)
1a	8.0 dB Loop with Test Access and 8.0 dB Loop without Test Access (NFW)	POTS (Res/Bus NFW)
	Parity:	Retail Comparison:
2	5.0 dB Loop with Test Access and 5.0 dB Loop without Test Access	VGPL
3	BRI Loop with Test Access	ISDN
4	ISDN BRI Port	ISDN
5	DS1 Loop with Test Access	DS1
6	DS1 Dedicated Transport	DS1
7	Subtending Channel (23B)	DDS
8	Subtending Channel (1D)	DDS
9	Analog Trunk Port	VGPL
10	Subtending Digital Direct Combination Trunks	VGPL
11	DS3 Dedicated Transport	DS3
12	Dark Fiber	DS3
13	DSL Loops	DS1

***PACIFIC/NEVADA**
POTS: Parity
Design: Parity
UNE:

Parity:	Retail Comparison:
2/4w (8db) analog loop (incl. Coin/analog, PBX)	POTS – Business (fielded)
2/4w (5.5 db) assured analog loop	POTS Business Assured (PBX)
2w digital loop (ISDN capable)	ISDN (BRI)
2w digital loop[14] (xDSL capable)	ADSL
4w digital loop (1.544Mbps capable)	DS1
UNE Port – Basic Analog/Coin	POTS – Business (fielded)
UNE Port – CENTREX	CENTREX
UNE Port – ISDN (BRI)	CENTREX
UNE Port – DS1/ISDN – PRI (incl. DS1 line port)	DS1/ISDN (PRI)
UNE Port – PBX DID	PBX DID
UNE Dedicated Transport (incl. DS1 and DS3)	HICAP (DS1 & DS3)
UNE Platform	Analogous Retail Service
Interconnection Trunks	ILEC Dedicated Trunks

SNET
POTS: Parity

14.4 Interconnection

14.4.15 **Measurement:** Average Trunk Restoration for Service Affecting Trunk Groups
Benchmark:
***SBC-SWBT/SBC-AMERITECH**
Tandem trunk Groups: 1 hour
Non-Tandem: 2 hours
***PACIFIC/NEVADA**
Tandem trunk Groups: 1 hour
Non-Tandem: 2 hours

[14] *Refer to INTERCONNECTION AGREEMENT: GENERAL TERMS AND CONDITIONS, paragraph 2.10.1.

SNET
No measure available.

14.4.16 **Measurement:** Percent Trunk Blockage
Benchmark:
***SBC-SWBT/SBC-AMERITECH**
Dedicated Trunk Groups not to exceed blocking standard of B.01.
***PACIFIC/NEVADA**
Dedicated Trunk Groups not to exceed blocking standard of B.01.
SNET
No measure available.

14.4.17 **Measurement:** Percent Blocking on Common Trunks
Benchmark:
***SBC-SWBT/SBC-AMERITECH**
PUC Subst. R. 23.61 (e)[15](5)(A) or parity, whichever allows less blockage in a given month. Common trunk groups exceeding 1% blockage, reported for switch based CLECs, shall be compared to dedicated trunk groups designed for B.01 standard for parity compliance.
***PACIFIC/NEVADA**
2% of trunk groups blocking at no more than 2% blocking
SNET
No measure available.

14.5 Coordinated Conversions

14.5.18 **Measurement –** Coordinated Customer Conversions
Benchmark:
***SBC-SWBT/SBC-AMERITECH**
2% or less premature disconnects starting 10 minutes before scheduled time
***PACIFIC/NEVADA**
Parity
SNET
No measure available.

[15] *Refer to INTERCONNECTION AGREEMENT: GENERAL TERMS AND CONDITIONS, paragraph 2.10.1.

14.6 Collocation

14.6.19 **Measurement:** Percent Missed Collocation Due Dates
Benchmark:
***SBC-SWBT/SBC-AMERITECH**
95% within the due date. Damages and Assessment will be calculated based on the number of days late.
***PACIFIC/NEVADA**
95% within the due date..
SNET
No measure available.

14.7 Billing

14.7.20 **Measurement:** Wholesale Bill Timeliness
Benchmark:
***SBC-SWBT/SBC-AMERITECH**
95% within 6th [16]work day
***PACIFIC/NEVADA**
99% within 10 days
SNET
No measure available.

15. APPLICABILITY OF OTHER RATES, TERMS, AND CONDITIONS

15.1 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.

[16] *Refer to INTERCONNECTION AGREEMENT: GENERAL TERMS AND CONDITIONS, paragraph 2.10.1.

APPENDIX RECIPROCAL COMPENSATION

TABLE OF CONTENTS

1. INTRODUCTION.....3

2. TRANSMISSION AND ROUTING OF TELEPHONE EXCHANGE SERVICE TRAFFIC RELEVANT TO COMPENSATION.....4

3. RESPONSIBILITIES OF THE PARTIES.....5

4. LOCAL TRAFFIC COMPENSATION 6

5. OPTIONAL CALLING AREA TRAFFIC-- SBC-SWBT 6

6. TRANSIT TRAFFIC COMPENSATION.....7

7. OPTIONAL CALLING AREA TRANSIT TRAFFIC--SWBT-MO, SWBT-KS, SWBT-AR, SWBT-TX 8

8. OUT OF REGION TRANSITING--SBC-SWBT 8

9. INTRALATA 800 TRAFFIC.....8

10. MEET-POINT-BILLING (MPB) SPECIAL and SWITCHED ACCESS TRAFFIC COMPENSATION--SBC-12 STATE.....9

11. INTRALATA INTEREXCHANGE TRAFFIC COMPENSATION.....10

12. BILLING FOR MUTUAL COMPENSATION--SBC-SWBT.....11

13. BILLING FOR MUTUAL COMPENSATION-- SBC-AMERITECH, NEVADA, PACIFIC, SNET 12

14. APPLICABILITY OF OTHER RATES TERMS AND CONDITIONS.....13

APPENDIX RECIPROCAL COMPENSATION
(Mutual Compensation for Transport, Termination, and Transiting)

1. INTRODUCTION

1.1 This Appendix sets forth terms and conditions for Reciprocal Compensation provided by the applicable SBC Communications Inc. (SBC) owned Incumbent Local Exchange Carrier (ILEC) and 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, Nevada Bell Telephone Company, The Ohio Bell Telephone Company, Pacific Bell Telephone Company, The Southern New England Telephone Company, Southwestern Bell Telephone Company and/or Wisconsin Bell, Inc. d/b/a Ameritech Wisconsin.

1.3 **SBC-ILEC** - As used herein, **SBC-ILEC** means the applicable above listed ILEC(s) doing business in Arkansas, California, Connecticut, Illinois, Indiana, Kansas, Michigan, Missouri, Nevada, Ohio, Oklahoma, Texas, and Wisconsin.

1.4 **SBC-12STATE** - As used herein**, SBC-12STATE** means the applicable above listed ILEC(s) doing business in Arkansas, California, Illinois, Indiana, Kansas, Michigan, Missouri, Nevada, Ohio, Oklahoma, Texas, and Wisconsin.

1.5 **SBC-AMERITECH** - As used herein, **SBC-AMERITECH** means the applicable above listed ILEC(s) doing business in Illinois, Indiana, Michigan, Ohio, and Wisconsin.

1.6 **SBC-SWBT** - As used herein, **SBC-SWBT** means the applicable above listed ILEC(s) doing business in Arkansas, Kansas, Missouri, Oklahoma, and Texas.

1.7 **SWBT-MO** - As used herein, **SWBT-MO** means the applicable above listed ILEC doing business in Missouri.

1.8 **SWBT-OK** - As used herein, **SWBT-OK** means the applicable above listed ILEC doing business in Oklahoma.

1.9 **SWBT-KS** - As used herein, **SWBT-KS** means the applicable above listed ILEC doing business in Kansas.

1.10 **SWBT-AR**-As used herein, **SWBT-AR** means the applicable above listed ILEC doing business in Arkansas.

1.11 **SWBT-TX** - As used herein, **SWBT-TX** means the applicable above listed ILEC doing business in Texas.

1.12 **PACIFIC** - As used herein, **PACIFIC** means the applicable above listed ILEC doing business in California.

1.13 **NEVADA** - As used herein, **NEVADA** means the applicable above listed ILEC doing business in Nevada.

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

2. TRANSMISSION AND ROUTING OF TELEPHONE EXCHANGE SERVICE TRAFFIC RELEVANT TO COMPENSATION

2.1 The Telecommunications traffic exchanged between CLEC and **SBC-ILEC** will be classified as either Local Calls, Transit Traffic, Optional Calling Area Traffic, intraLATA Toll Traffic, and interLATA Toll Traffic. The Parties agree that reciprocal compensation is only applicable for the voice portion of Local Calls that are introduced to the public switched network. Local Calls are defined in Section 2.6.

2.2 Reciprocal compensation applies for transport and termination of Local Calls. When an End User originates a Local Call which terminates to an End User physically located in the same local exchange area and served on the other Party's physical switch or, if operating in **SBC-7STATE**, through the other Party's Unbundled Network Element (UNE) switch port, the originating Party shall compensate the terminating Party for the transport and termination of Local Calls at the rate(s) provided in Appendix Pricing. Calls originated over UNEs in areas served by ILECs owned by SBC, in Connecticut, Illinois, Michigan, Ohio, Indiana, and Wisconsin, are not subject to reciprocal compensation since the rates for unbundled local switching reflect and include the costs of call termination.

2.3 The Parties' obligation to pay reciprocal compensation to each other shall commence on the date the Parties agree that the network is complete (i.e., each Party has established its originating trunks as well as any ancillary functions (e.g., 9-1-1)) and is capable of fully supporting originating and terminating End Users' (and not a Party's test) traffic.

2.4 The compensation arrangements set forth in this Appendix are not applicable to (i) Exchange Access traffic, (ii) Information Service traffic, (iii) traffic originated by one Party on a number ported to its network that terminates to another number ported on that same Party's network or (iv) any other type of traffic found to be exempt from reciprocal compensation by the FCC or the Commission. All Exchange Access traffic and intraLATA Toll Traffic shall continue to be governed by the terms and conditions of applicable federal and state tariffs.

2.5 The Parties agree that Internet Calls are not subject to reciprocal compensation under this Appendix nor under the Act. The Parties agree to make reasonable efforts to identify telephone numbers assigned to Internet Service Providers (ISPs) to each other for purposes of excluding the minutes associated with ISP traffic from compensation. The Parties agree this traffic will be meet point billed if and when the current FCC exemption is removed or modified to allow such billing.

2.6 "Local Calls", for purposes of intercarrier compensation, is traffic where all calls are within the same common local and common mandatory local calling area, i.e., within the same or different **SBC-ILECS** Exchange(s) that participate in the same common local or common mandatory local calling area as outlined in the applicable state Local Exchange Tariff. Local Calls must actually originate and actually terminate to End Users physically located within the same common local or common mandatory local calling area.

2.7 Calls delivered to or from numbers that are assigned to an exchange within a common mandatory local calling area but where the receiving or calling party is physically located outside the common mandatory local calling area of the exchange to which the number is assigned are either Feature Group A (FGA) or Foreign Exchange (FX) and are not Local Calls for intercarrier compensation and are not subject to local reciprocal compensation.

2.8 Private Line Services include private line-like and special access services and are not subject to local reciprocal compensation. Private Line Services are defined as dedicated Telecommunications channels provided between two points or switched among multiple points and are used for voice, data, audio or video transmission. Private Line services include, but are not limited to, WATS access lines.

2.9 Reciprocal Compensation applies to traffic terminated at either parties' end office switch. Traffic that is delivered directly to an ISP is not subject to intercarrier compensation.

3. RESPONSIBILITIES OF THE PARTIES

3.1 Each Party to this Appendix will be responsible for the accuracy and quality of its data as submitted to the respective Parties involved.

3.2 Where SS7 connections exist, each Party will include in the information transmitted to the other for each call being terminated on the other's network, where available, the original and true Calling Party Number (CPN).

3.3 If one Party is passing CPN but the other Party is not properly receiving information, the Parties will work cooperatively to correct the problem.

3.4 Where SS7 connections exist, if the percentage of calls passed with CPN is greater than ninety percent (90%), all calls exchanged without CPN information will be billed as either Local Traffic or intraLATA Toll Traffic in direct proportion to the minutes of use (MOU) of calls exchanged with CPN information. If the percentage of calls passed with CPN is less than ninety percent (90%), all calls passed without CPN will be billed as intraLATA switched access.

3.5 Where the Parties are performing a transiting function as defined in Section 6.1, the transiting Party will pass the original and true CPN if it is received from the originating third party. If the original and true CPN is not received from the originating third party, the Party performing the transiting function can not forward the CPN and will not be billed as the default originator.

4. LOCAL TRAFFIC COMPENSATION

4.1 The rates, terms, conditions contained herein apply only to the termination of Local Calls that originate and terminate to carriers that are authorized as LECs, CLECs, or ILECs within the State. All applicable state-specific rate elements can be found in Appendix Pricing.

4.2 Tandem Office Switch Served Rate

4.2.1 Tandem Office Switch served rate applies to Local Traffic that is delivered to the Parties for termination at the Tandem Office Switch.

4.3 End Office Switch Served Rate

4.3.1 The End Office Switch served rate applies to Local Traffic that is delivered to the Parties for termination at an End Office Switch. This includes direct-routed Local Traffic that terminates to offices that have combined Tandem Office Switch and End Office Switch functions.

5. OPTIONAL CALLING AREA TRAFFIC -- **SBC-SWBT**

5.1 Compensation for Optional Calling Area (OCA) Traffic is for the termination of intercompany traffic to and from the one-way or two-way optional exchanges(s) and the associated metropolitan area. The rate for compensation for OCA traffic will be the lesser of the cost-based interconnection rates listed or, the interconnection rates in effect between **SBC-SWBT** and other ILECs for such traffic.

5.2 In the context of this Appendix, Optional Calling Areas (OCAs) exist only in the states of Missouri, Oklahoma, Kansas, Arkansas, and Texas, and are outlined in the applicable state Local Exchange tariffs. This rate is independent of any retail service arrangement established by either Party. CLEC/ILEC is not precluded from establishing its own local calling areas or prices for purposes of retail telephone service; however the terminating rates to be used for any such offering will still be administered as described in this Appendix.

5.3 The state specific OCA Transport and Termination rates are outlined in Appendix Pricing.

6. TRANSIT TRAFFIC COMPENSATION

6.1 Transiting Service allows one Party to send Local, Optional, intraLATA Toll Traffic, and 800 intraLATA Toll Traffic to a third party network through the other Party's tandem. A Transiting rate element applies to all MOUs between a Party and third party networks that transits a **SBC-ILEC** network. The originating Party is responsible for payment of the appropriate rates unless otherwise specified. The Transiting rate element is only applicable when calls do not originate with (or terminate to) the transit Party's End User. The rates that **SBC-ILEC** shall charge for transiting CLEC traffic are outlined in Appendix Pricing.

6.2 The Parties agree to enter into their own agreement with third party Telecommunications Carriers prior to delivering traffic for transiting to the third party. In the event one Party originates traffic that transits the second Party's network to reach a third party Telecommunications Carrier with whom the originating Party does not have a traffic Interexchange agreement, then originating Party will indemnify the second Party against any and all charges levied by such third party telecommunications carrier, including any termination charges related to such traffic and any attorneys fees and expenses. The terminating party and the tandem provider will bill their respective portions of the charges directly to the originating party, and neither the terminating party nor the tandem provider will be required to function as a billing intermediary, e.g. clearinghouse.

6.3 The CLEC shall not bill **SBC-ILEC** for terminating any Transit traffic, whether identified or unidentified, i.e. whether **SBC-ILEC** is sent CPN or is not sent CPN by the originating company.

6.4 In those **SBC-ILEC**s where Primary Toll Carrier (PTC) arrangements are mandated, for intraLATA Toll Traffic which is subject to a PTC arrangement and where **SBC-ILEC** is the PTC, **SBC-ILEC** shall deliver such intraLATA Toll Traffic to the terminating carrier in accordance with the terms and conditions of such PTC arrangement. Upon receipt of verifiable Primary Toll records, **SBC-**

ILEC shall reimburse the terminating carrier at **SBC-ILEC**'s applicable tariffed terminating switched access rates. When transport mileage cannot be determined, an average transit transport mileage shall be applied as set forth in Appendix Pricing.

7. OPTIONAL CALLING AREA TRANSIT TRAFFIC -- SWBT-MO, SWBT-KS, SWBT-AR, SWBT-TX

7.1 In the states of Texas, Missouri, Kansas, and Arkansas, the Optional Area Transit Traffic rate element applies when one End User is in a **SBC-SWBT** one-way or two-way optional exchange and the other End User is within the **SWBT-MO**, **SWBT-KS**, **SWBT-AR**, and/or **SWBT-TX** local or mandatory exchanges. The Parties agree to apply the Optional Area Transit rate to traffic terminating to third party ILEC that shares a common mandatory local calling area with all **SWBT-MO**, **SWBT-KS**, **SWBT-AR**, and **SWBT-TX** exchanges included in a specific metropolitan exchange area. The Optional Area Transit Traffic rates that will be billed are outlined in Appendix Pricing. The specific NXXs and associated calling scopes can be located in the applicable state Local Exchange tariff.

8. OUT OF REGION TRANSITING -- SBC-SWBT

8.1 The Parties also acknowledge that traffic originated in third party ILEC exchange areas may traverse the **SBC-SWBT** Tandem Office Switch and terminate in other third party LEC exchange areas. Although direct connections could be used for this traffic, **SBC-SWBT** agrees to transit this traffic for the rate of $0.006 per MOU if the other LEC exchanges share a common mandatory local calling area with all **SBC-SWBT** exchanges included in a metropolitan exchange area.

9. INTRALATA 800 TRAFFIC

9.1 Only queried intraLATA 800 traffic may be delivered to **SBC-ILEC** over the Local intraLATA Trunks. If the queried 800 traffic is determined to be InterLATA than the traffic must be delivered over the InterLATA Meet Point Trunks. If **SBC-ILEC** performs the 800 query function, the Traffic may be delivered to **SBC-ILEC** over the InterLATA Meet Point Trunks. If the Local/intraLATA Trunks are used and Requesting Carrier performs the 800 query function, the intraLATA 800 Traffic will be recorded as toll calls. If the Access Toll Connecting Trunks are used, **SBC-ILEC** will not record the intraLATA 800 Traffic.

9.2 The Parties shall provide to each other intraLATA 800 Access Detail Usage Data for Customer billing and intraLATA 800 Copy Detail Usage Data for access billing in Exchange Message Interface (EMI) format. The Parties agree to provide this data to each other at no charge. In the event of errors, omissions, or

inaccuracies in data received from either Party, the liability of the Party providing such data shall be limited to the provision of corrected data only. If the originating Party does not send an End User billable record to the terminating Party, the originating Party will not bill the terminating Party any interconnection charges for this traffic.

9.3 IntraLATA 800 Traffic calls are billed to and paid for by the called or terminating Party, regardless of which Party performs the 800 query. Billing shall be based on originating and terminating NPA/NXX.

10. MEET-POINT-BILLING (MPB) SPECIAL and SWITCHED ACCESS TRAFFIC COMPENSATION -- SBC-12 STATE

10.1 This Section 10 refers to the MPB arrangements for **SBC-12STATE**s. Applicable MPB guidelines for **SNET** are located in the Meet Point Billing Agreement for **SNET**.

10.2 Intercarrier compensation for Special Access Traffic shall be on a MPB basis as described below.

10.3 The Parties will establish MPB arrangements in order to provide Switched Access Services to IXC and ESPs via the respective carrier's Tandem Office Switch switches in accordance with the MPB guidelines adopted by and either contained in, or upon approval to be added in future to the Ordering and Billing Forum's MECOD and MECAB documents.

10.4 Billing to Interexchange Carriers (IXCs) and ESPs for the Switched Exchange Access Services jointly provided by the Parties via MPB arrangements shall be according to the multiple bill/single tariff method. As described in the MECAB document, each Party will render a bill in accordance with its own tariff for that portion of the service it provides. Each Party will bill its own network access service rates to the IXC. The residual interconnection charge (RIC), if any, will be billed by the Party providing the end office function. For the purpose of this Appendix, CLEC is the Initial Billing Company (IBC) and **SBC-12STATE** is the Subsequent Billing Company.

10.5 The Parties will maintain provisions in their respective federal and state access tariffs, or provisions within the National Exchange Carrier Association (NECA) Tariff No. 4, or any successor tariff, sufficient to reflect this MPB arrangement, including MPB percentages.

10.6 As detailed in the MECAB document, the Parties will, in accordance with appropriate billing cycle intervals defined herein, exchange all information necessary to accurately, reliably and promptly bill third parties for Switched

Access Services traffic jointly handled by the Parties via the Meet Point arrangement. Information shall be exchanged in a mutually acceptable electronic file transfer protocol. Where the EMI records cannot be transferred due to a transmission failure, records can be provided via a mutually acceptable medium. The initial billing company (IBC) will provide the information to the subsequent billing company within ten (10) working days of sending the IBC's bills. The exchange of records to accommodate MPB will be on a reciprocal, no charge basis.

10.7 MPB shall also apply to all jointly provided MOU traffic bearing the 900, or toll free NPAs (e.g., 800, 877, 866, 888 NPAs, or any other non-geographic NPAs) which may likewise be designated for such traffic in the future where the responsible party is an IXC or ESP. When ILEC performs 800 database queries, ILEC will charge the end office provider for the database query in accordance with standard industry practices.

10.8 Each Party shall coordinate and exchange the billing account reference (BAR) and billing account cross reference (BACR) numbers for the Meet Point Billing service. Each Party shall notify the other if the level of billing or other BAR/BACR elements change, resulting in a new BAR/BACR number.

10.9 For purposes of this Appendix the Party to whom the End Office Switch belongs is the IBC and the Party to whom the Tandem Office Switch belongs is the secondary billing company. The secondary billing company will provide the IBC with the Exchange Access detailed usage data within thirty (30) days of the recording date. The IBC will provide to the secondary billing company the Exchange Access summary usage data within ten (10) working days of the IBC's bill date to the IXC and/or ESP. **SBC-12STATE** acknowledges that currently there is no charge for Summary Usage Data Records but that such a charge may be appropriate. At CLEC's request, **SBC-12STATE** will negotiate a mutual and reciprocal charge for provision of Summary Usage Data Records.

10.10 **SBC-12STATE** and CLEC agree to provide the other Party with notification of any discovered errors within ten (10) business days of the discovery.

10.11 In the event of a loss of data, both Parties shall cooperate to reconstruct the lost data within sixty (60) days of notification and if such reconstruction is not possible, shall accept a reasonable estimate of the lost data, based upon no more than three (3) to twelve (12) consecutive months of prior usage data.

11. INTRALATA INTEREXCHANGE TRAFFIC COMPENSATION

11.1 For intrastate intraLATA toll service traffic, compensation for termination of intercompany traffic will be at terminating access rates for Message Telephone

Service (MTS) and originating access rates for 800 Service, including the Carrier Common Line (CCL) charge where applicable, as set forth in each Party's Intrastate Access Service Tariff, but not to exceed the compensation contained in an the ILEC's tariff in whose exchange area the End User is located. For interstate intraLATA intercompany service traffic, compensation for termination of intercompany traffic will be at terminating access rates for MTS and originating access rates for 800 Service including the CCL charge, as set forth in each Party's interstate Access Service Tariff, but not to exceed the compensation contained in the ILEC's tariff in whose exchange area the End User is located.

12. BILLING FOR MUTUAL COMPENSATION -- SBC-SWBT

12.1 In **SBC-SWBT** other than for traffic described in Section 6 above, each Party shall deliver monthly settlement statements for terminating the other Party's traffic based on the following:

12.2 Each Party shall, unless otherwise agreed, adhere to the detailed technical descriptions and requirements for the recording, record exchange, and billing of traffic using the guidelines as set forth in the Technical Exhibit Settlement Procedures (TESP), previously provided by **SBC-SWBT** to CLEC. Each Party will transmit the summarized originating minutes of usage within fifteen (15) business days following the prior month's close of business for all traffic including local, transiting, and optional EAS via the 92-type record process to the transiting and/or terminating Party for subsequent monthly intercompany settlement billing. This information will also be utilized by the Parties for use in verifying and auditing to confirm the jurisdictional nature of Local Calls and is required from the originating Party under the terms of this Appendix.

12.3 If originating records are not received within sixty (60) days, upon written notification the Party not receiving the originating records will bill all MOU for that month at Switched Access rates based upon a seven (7) day traffic study.

12.4 The Parties will not render invoice nor payment to each other for the transport and termination of calls for a particular month's usage until both Parties have received the originating 92-type summary records CLEC for that same month's usage.

12.5 On a monthly basis, each Party will record its originating MOU including identification of the originating and terminating NXX for all intercompany calls.

12.6 Each Party will transmit the summarized originating MOU above to the transiting and/or terminating Party for subsequent monthly intercompany settlement billing.

12.7 MOUs for the rates contained herein will be measured in seconds by call type, and accumulated each billing period into one (1) minute increments for billing purposes in accordance with industry rounding standards.

12.8 Where CLEC has direct End Office Switch and Tandem Office Switch interconnection arrangements with **SBC-ILEC**s, **SBC-ILEC**s will multiply the Tandem Office Switch routed terminating MOU and End Office Switch routed terminating MOUs by the appropriate rates in order to determine the total monthly billing to each Party.

13. BILLING FOR MUTUAL COMPENSATION -- SBC-AMERITECH, NEVADA, PACIFIC, SNET

13.1 In **SBC-AMERITECH**, **NEVADA**, **PACIFIC**, and **SNET**, each Party will calculate terminating interconnection minutes of use based on standard Automatic Message Accounting (AMA) recordings made within each Party's network. These recordings are the basis for each Party to generate bills to the other Party. For purposes of reciprocal compensation only, measurement of minutes of use over Local Interconnection Trunk Groups shall be in actual conversation seconds. The total conversation seconds over each individual Local Interconnection Trunk Group will be totaled for the entire monthly bill and then rounded to the next whole minute.

13.2 Each Party will provide to the other, within fifteen (15) calendar days, after the end of each quarter, a usage report with the following information regarding traffic terminated over the Local Interconnection Trunks:

13.2.1 Total traffic volume described in terms of minutes and messages and by call type (local, toll, and other) terminated to each other over the Local Interconnection Trunk Groups, and

13.2.1.1 Percent Local Usage (PLU)

13.2 PLU is calculated by dividing the Local MOU delivered to a party for termination by the total MOU delivered to a Party for termination.

13.3 Upon thirty (30) days written notice, each Party must provide the other the ability and opportunity to conduct an annual audit to ensure the proper billing of traffic between the Parties' networks. The Parties agree to retain records of call detail for six (6) months from when the calls were initially reported to the other Party. The audit will be conducted during normal business hours at an office designated by the Party being audited. Audit requests shall not be submitted more frequently than once per calendar year for each call detail type unless a subsequent audit is required. Audits shall be performed by a mutually acceptable independent auditor paid for by the Party requesting the audit. Based upon the audit, previous

compensation, billing and/or settlements will be adjusted for the past twelve (12) months. Also, if the PLU is adjusted based upon the audit results, the adjusted PLU will apply for the nine (9) month period following the completion of the audit. If, as a result of the audit, either Party has overstated the PLU or underreported the call detail usage by twenty percent (20%) or more, that Party shall reimburse the auditing Party for the cost of the audit and will pay for the cost of a subsequent audit which is to happen within nine (9) months of the initial audit.

14. APPLICABILITY OF OTHER RATES TERMS AND CONDITIONS

14.1 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.

APPENDIX RECORDING

TABLE OF CONTENTS

1. INTRODUCTION 3

2. DEFINITIONS 3

3. RESPONSIBILITIES OF THE PARTIES 5

4. BASIS OF COMPENSATION 6

5. LIABILITY 7

6. APPLICABILITY OF OTHER RATES, TERMS AND CONDITIONS 8

APPENDIX RECORDING
(Recording, Message Processing And Provision Of Interexchange Carrier Transported Message Detail Appendix)

1. INTRODUCTION

1.1 This Appendix sets forth the terms and conditions under which **SBC-ILEC** will provide recording, message processing and message detail services as described in **Exhibit I** and **Exhibit II,** Exhibits I and II are part of this Appendix by reference.

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, Nevada Bell Telephone Company, The Ohio Bell Telephone Company, Pacific Bell Telephone Company, The Southern New England Telephone Company, Southwestern Bell Telephone Company and/or Wisconsin Bell, Inc. d/b/a Ameritech Wisconsin.

1.3 As used herein, **SBC-ILEC**, and means the applicable above listed ILECs doing business in Arkansas, California, Connecticut, Illinois, Indiana, Kansas, Michigan, Missouri, Nevada, Oklahoma, Ohio, Texas and Wisconsin.

2. DEFINITIONS

2.1 **"Access Usage Record (AUR**)" **-** a message record which contains the usage measurement reflecting the service feature group, duration and time of day for a message and is subsequently used to bill access to Interexchange Carriers (IXCs).

2.2 **"Assembly and Editing**" **-** the aggregation of recorded customer message details to create individual message records and the verification that all necessary information required ensuring all individual message records meet industry specifications is present.

2.3 **"Billing Company**" **-** the company that bills End Users for the charges incurred in originating and terminating IXC transported calls.

2.4 "**Billable Message**" - a message record containing details of a completed IXC transported call which is used to bill an end user.

2.5 **"Centralized Message Distribution System (CMDS)" -** the national network of private line facilities used to exchange Exchange Message Records (EMR) formatted billing data between **SBC-ILEC** and the Billing Company.

2.6 "**Data Transmission**" - the forwarding by **SBC-ILEC** of IXC transported toll message detail and/or access usage record detail in EMR format over data lines or on magnetic tapes to the appropriate Billing Company.

2.7 **"Exchange Message Record (EMR**)" - Industry standard message format as described in accordance with the Telcordia Practice BR010-200-010 developed for the interexchange of telecommunications message information.

2.8 **"Interexchange Carrier (IXC)" -** A third party transmission provider that carries long distance voice and non-voice traffic between user locations for a related recurring fee. IXCs provide service interstate and intrastate. In some states IXCs are permitted to operate within a LATA.

2.9 **"Interexchange Carrier Transported**" - telecommunications services provided by an IXC or traffic transported by facilities belonging to an IXC.

2.10 "**Local Access and Transport Area (LATA)" -** service areas defined in FCC Docket 78-72.

2.11 "**Message Processing" -** the creation of individual EMR formatted billable message detail records from individual recordings that reflect specific billing detail for use in billing the End User and/or access usage records from individual recordings that reflect the service feature group, duration and time of day for a message, Carrier Identification Code, among other fields, for use in billing access to the Interexchange Carriers. Message Processing includes performing CMDS online edits required to ensure message detail and access usage records are consistent with CMDS specifications.

2.12 "**Originating Local Exchange Carrier Company" -** the company whose local exchange telephone network is used to originate calls thereby providing originating exchange access to IXCs.

2.13 **"Provision of Message Detail" -** the sorting of all billable message detail and access usage record detail by Revenue Accounting Office, Operating Company Number or Service Bureau, splitting of data into packs for invoicing, and loading of data into files for data transmission to CLEC for those records created internally or received from other Local Exchange Carrier Companies or Interexchange Carriers through **SBC-ILEC**'s internal network or national CMDS.

2.14 **"Record" -** a logical grouping of information as described in the programs that process information and create the magnetic tapes or data files.

2.15 **"Recording"** - the creation and storage on magnetic tape or other medium of the basic billing details of a message in Automatic Message Accounting (AMA) format.

2.16 **"Service Switching Point (SSP)"** - a signaling point that can launch queries to databases and receive/interpret responses used to provide specific customer services.

2.17 **"Recording Company**" - the company that performs the functions of recording and message processing of Interexchange Carrier (IXC) transported messages and the provision of message detail.

2.18 **"Switching Control Point (SCP)"** - the real time database system that contains routing instructions for 800 calls. In addition to basic routing instructions, the SCP may also provide vertical feature translations, i.e., time of day, day of week routing, out of area screening and/or translation of the dialed 800 number to its assigned working telephone number.

2.19 **"800 SCP Carrier Access Usage Summary Record (SCP Record)"** - a summary record which contains information concerning the quantity and types of queries launched to an **SBC-ILEC** SCP. In those situations where charges are applicable for the production and delivery of SCP records, such charges will be those specified in **Exhibit II** pertaining to the production and forwarding of AUR data.

2.20 "**Terminating Local Exchange Carrier Company**" - the company whose local exchange telephone network is used to terminate calls thereby providing terminating exchange access to IXCs.

3. RESPONSIBILITIES OF THE PARTIES

3.1 **SBC-ILEC** will record all IXC transported messages for CLEC carried over all Feature Group Switched Access Services that are available to **SBC-ILEC** provided recording equipment or operators. Unavailable messages (i.e., certain operator messages that are not accessible by **SBC-ILEC** -provided equipment or operators) will not be recorded. The recording equipment will be provided at locations selected by **SBC-ILEC.**

3.2 **SBC-ILEC** will perform assembly and editing, message processing and provision of applicable access usage record detail for IXC transported messages if the messages are recorded by **SBC-ILEC**.

3.3 **SBC-ILEC** will provide access usage records that are generated by **SBC-ILEC**.

3.4 Assembly and editing will be performed on all IXC transported messages recorded by **SBC-ILEC**, during the billing period established by **SBC-ILEC** and selected by CLEC.

3.5 Standard EMR record formats for the provision of billable message detail and access usage record detail will be established by **SBC-ILEC** and provided to CLEC.

3.6 Recorded billable message detail and access usage record detail will not be sorted to furnish detail by specific end users, by specific groups of end users, by office, by feature group or by location.

3.7 **SBC-ILEC** will provide message detail to CLEC in data files, via data lines (normally a File Transfer Protocol), utilizing an 800 dial up or the Internet to receive and deliver messages or a network data mover facility, using software and hardware acceptable to both parties.

3.8 In **Exhibit II**, CLEC will identify separately the location where the data transmissions should be sent (as applicable) and the number of times each month the information should be provided. **SBC-ILEC** reserves the right to limit the frequency of transmission to existing **SBC-ILEC** processing and work schedules, holidays, etc.

3.9 **SBC-ILEC** will determine the number data files required to provide the access usage record detail to CLEC.

3.10 Recorded billable message detail and/or access usage record detail previously provided CLEC and lost or destroyed through no fault of **SBC-ILEC** will not be recovered and made available to CLEC except on an individual case basis at a cost determined by **SBC-ILEC.**

3.11 When **SBC-ILEC** receives rated billable messages from an IXC or another Local Exchange Carrier (LEC) that are to be billed by CLEC, **SBC-ILEC** will forward those messages to CLEC.

3.12 **SBC-ILEC** will record the applicable detail necessary to generate access usage records and forward them to CLEC for its use in billing access to the IXC.

4. BASIS OF COMPENSATION

4.1 **SBC-ILEC** as the Recording Company, agrees to provide recording, assembly and editing, message processing and provision of message detail for Access Usage Records (AURs) ordered/required by the CLEC in accordance with this agreement on a reciprocal, no-charge basis. CLEC agrees to provide any and all

Summary Usage Records (SURs) required by **SBC-ILEC** on a reciprocal, no-charge basis. The parties agree that this mutual exchange of records at no charge to either party shall otherwise be conducted according to the guidelines and specifications contained in the Multiple Exchange Carrier Access Billing (MECAB) document.

5. LIABILITY

5.1 Except as otherwise provided herein, neither Party shall be liable to the other for any special, indirect, or consequential damage of any kind whatsoever. A Party shall not be liable for its inability to meet the terms of this Agreement where such inability is caused by failure of the first Party to comply with the obligations stated herein. Each Party is obliged to use its best efforts to mitigate damages.

5.2 When **SBC-ILEC** is notified that, due to error or omission, incomplete data has been provided to the CLEC, **SBC-ILEC** will make reasonable efforts to locate and/or recover the data and provide it to the CLEC at no additional charge. Such requests to recover the data must be made within thirty (30) calendar days from the date the details initially were made available to the CLEC. If written notification is not received within thirty (30) calendar days, **SBC-ILEC** shall have no further obligation to recover the data and shall have no further liability to the CLEC.

5.3 If, despite timely notification by the CLEC, message detail is lost and unrecoverable as a direct result of **SBC-ILEC** having lost or damaged tapes or incurred system outages while performing recording, assembly and editing, rating, message processing, and/or transmission of message detail, **SBC-ILEC** will estimate the volume of lost messages and associated revenue based on information available to it concerning the average revenue per minute for the average interstate and/or intrastate call. In such events, **SBC-ILEC**'s liability to the CLEC shall be limited to the granting of a credit adjusting amounts otherwise due from it equal to the estimated net lost revenue associated with the lost message detail.

5.4 **SBC-ILEC** will not be liable for any costs incurred by the CLEC when the CLEC is transmitting data files via data lines and a transmission failure results in the non-receipt of data by **SBC-ILEC**.

5.5 The CLEC agrees to defend, indemnify, and hold harmless **SBC-ILEC** from any and all losses, damages, or other liability, including attorney fees, that it may incur as a result of claims, demands, or other suits brought by any party that arise out of the use of this service by the CLEC, its customers or end users. The CLEC shall defend against all End Users' claims just as if the CLEC had provided such service to its End Users with its own employees.

5.6 The CLEC also agrees to release, defend, indemnify and hold harmless **SBC-ILEC** from any claim, demand or suit that asserts any infringement or invasion of privacy or confidentiality of any person(s), caused or claimed to be caused, directly or indirectly, by **SBC-ILEC** employees and equipment associated with provision of this service. This includes, but is not limited to suits arising from disclosure of any customer specific information associated with either the originating or terminating numbers used to provision this service.

5.7 The CLEC also agrees to release, defend, indemnify and hold harmless the Recording Company from any claim, demand or suit to perform under this contract should any regulatory body or any State or Federal Court find the existing terms of this contract to either be illegal, unenforceable, against public policy, or improper for the Recording Company.

5.8 **SBC-ILEC** 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-ILEC** 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.

6. APPLICABILITY OF OTHER RATES, TERMS AND CONDITIONS

6.1 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.

EXHIBIT I
SERVICES

The attached pages of this Exhibit show the service options that are offered under this Agreement.

EXPLANATION OF SERVICE OPTIONS

ORIGINATING 1+ DDD RECORDINGS - IXC TRANSPORTED MESSAGE DETAIL AND ACCESS USAGE RECORDS

Option #1: This option has been withdrawn.

Option #2: The Recording Company performs recording, assembly and editing of the billable message detail and extracts that detail to the IXC for all 1+ IXC transported messages originating from the CLECCLEC end office. The Recording Company creates Access Usage Records for this traffic and forwards those AUR records to the CLEC.

Option #3: The Interexchange Carriers do own billable message recording for their 1+ IXC transported messages originating from the CLEC end office. The Recording Company performs recording for Access purposes only, assembles and edits this data, creates AURs and forwards the AUR records to the CLEC.

ORIGINATING OPERATOR RECORDINGS - IXC TRANSPORTED MESSAGE DETAIL AND ACCESS USAGE RECORDS

Option #4: CLEC Non-Equal Access End Office - The Interexchange Carriers do own billable message recording. The Recording Company performs local and intraLATA operator services for the CLEC. The Recording Company performs recording at the operator switch for all 0+, 0-, Coin Sent Paid, CAMA and International IXC transported messages. The Recording Company assembles and edits this data, creates AURs and forwards the AUR records to the CLEC.

Option #5: CLEC Equal Access End Office - The Interexchange Carriers do own billable message recording. The Recording Company performs local and intraLATA operator services for the CLEC. The Recording Company performs recording at the operator switch for 0- only IXC transported messages. The Recording Company assembles and edits this data, creates AURs and forwards the AUR records to the CLEC.

Option #6: This option has been withdrawn.

Option #7: This option has been withdrawn.

800 RECORDINGS - IXC TRANSPORTED MESSAGE DETAIL

Option #8: Recording Company performs SSP function for CLEC end office and bills query charge to the appropriate Interexchange Carrier. The Recording Company performs recording for Access purposes only, assembles and edits this data, creates AURs and forwards AUR records to CLEC.

800 RECORDINGS - IXC TRANSPORTED MESSAGE DETAIL (Continued)

Option #9: This option has been withdrawn.

Option 10: Recording Company performs SCP function for CLEC. The Recording Company performs recording at the SCP, assembles and edits this data, creates SCP records and forwards SCP records to the CLEC.

TERMINATING RECORDINGS - IXC TRANSPORTED ACCESS USAGE RECORDS

Option 11: Recording Company provides tandem function for CLEC. The CLEC requests Recording Company to provide all Feature Group B, Feature Group C and Feature Group D terminating usage recordings including Feature Group B over D and Feature Group C over D. Recording Company creates terminating AURs for this data and forwards AUR records to the CLEC.

Option 12: Recording Company provides tandem function for CLEC. The CLEC requests Recording Company to provide all Feature Group B terminating usage recordings excluding B over D. Recording Company creates terminating AURs for this data and forwards AUR records to the CLEC.

Option 13: Recording Company provides tandem function for CLEC. The CLEC requests Recording Company to provide all Feature Group B terminating usage recordings including Feature Group B over D. Recording Company creates terminating AURs for this data and forwards AUR records to the CLEC.

Option 14: Recording Company provides tandem function for CLEC. The CLEC requests Recording Company to provide all Feature Group D terminating usage recordings including B over D and C over D. Recording Company creates terminating AURs for this data and forwards AUR records to the CLEC.

Option 15: Recording Company provides tandem function for CLEC. The CLEC requests Recording Company to provide all Feature Group D terminating usage recordings including B over D. Recording Company creates terminating AURs for this data and forwards AUR records to the CLEC.

MESSAGE PROVISIONING

Option 16: The Recording Company will forward all IXC transported message detail records or access usage records to the CLEC generated internally within the Recording Company system or received via CMDS from an Interexchange Carrier or another Local Exchange Carrier telephone company. The CLEC forwards rated IXC transported message detail or access usage detail to Recording Company for distribution to the appropriate billing company through **SBC-ILEC**'s internal network or using the CMDS network.

Form SW-1773-I

EXHIBIT II

INVOICE DESIGNATION

Effective January 1, 1999

COMPANY NAME:

EXCHANGE COMPANY I.D. NUMBER (OCN):

BILLABLE INVOICE INTERVAL:

Check One:

___ Daily (Full Status RAO Companies will receive billable messages daily.)

___ Bill period (A maximum of five dates may be chosen.) A file is created five workdays from each bill period date, and three additional days should be allowed for distribution. Circle a maximum of five bill period dates:

1 3 5 7 9 11 13 15 17 19 21 23 25 27 29

Form SW-1733-III-B

AUR INVOICE INTERVAL:

Check One:

___ Daily (Full Status RAO Companies will receive AURs daily.)

___ Bill period (A maximum of five dates may be chosen.) A file is created five workdays from each bill period date, and three additional days should be allowed for distribution. Circle a maximum of five bill period dates:

1 3 5 7 9 11 13 15 17 19 21 23 25 27 29

APPENDIX RESALE

TABLE OF CONTENTS

1. INTRODUCTION 3

2. DESCRIPTION AND CHARGES FOR SERVICES 4

3. TERMS AND CONDITIONS OF SERVICE 5

4. ANCILLARY SERVICES 12

5. BRANDING 17

6. OS/DA RATE/REFERENCE INFORMATION 19

7. RESPONSIBILITIES OF SBC-ILEC 20

8. RESPONSIBILITIES OF CLEC 24

9. APPLICABILITY OF OTHER RATES, TERMS AND CONDITIONS 26

APPENDIX RESALE

1. INTRODUCTION

1.1 This Appendix set forth terms and conditions for Resale Services provided by the applicable SBC Communications Inc. (SBC) owned Incumbent Local Exchange Carrier (ILEC) and 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, Nevada Bell Telephone Company, The Ohio Bell Telephone Company, Pacific Bell Telephone Company, The Southern New England Telephone Company, and/or Southwestern Bell Telephone Company and/or Wisconsin Bell, Inc. d/b/a Ameritech Wisconsin.

1.3 As used herein, **SBC-ILEC** means the applicable above listed ILEC doing business in Arkansas, California, Connecticut, Illinois, Indiana, Kansas, Michigan, Missouri, Nevada, Ohio, Oklahoma, Texas, and Wisconsin.

1.4 As used herein, **SBC-AMERITECH** means the applicable above listed ILEC doing business in Illinois, Indiana, Michigan, Ohio, and Wisconsin.

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, **SWBT-AR** means the applicable above listed ILEC doing business in Arkansas.

1.7 As used herein, **SWBT-KS** means the applicable above listed ILEC doing business in Kansas.

1.8 As used herein, **SWBT-MO** means the applicable above listed ILEC doing business in Missouri.

1.9 As used herein, **SWBT-OK** means the applicable above listed ILEC doing business in Oklahoma.

1.10 As used herein, **SWBT-TX** means the applicable above listed ILEC doing business in Texas.

1.11 As used herein, **AM-MI** means the applicable above listed ILEC doing business in Michigan.

1.12 As used herein, **AM-IN** means the applicable above listed ILEC doing business in Indiana.

1.13 As used herein, **AM-IL** means the applicable above listed ILEC doing business in Illinois.

1.14 As used herein, **AM-OH** means the applicable above listed ILEC doing business in Ohio.

1.15 As used herein, **AM-WI** means the applicable above listed ILEC doing business in Wisconsin.

1.16 As used herein, **PACIFIC** means the applicable above listed ILEC doing business in California.

1.17 As used herein, **NEVADA** means the applicable above listed ILEC doing business in Nevada.

1.18 As used herein, **SNET** means the applicable above listed ILEC doing business in Connecticut.

1.19 The prices at which SBC agrees to provide CLEC with Resale Services are contained in the applicable Appendix Pricing and/or the applicable Commission ordered tariff where stated.

2. DESCRIPTION AND CHARGES FOR SERVICES

2.1 A list of Telecommunications Services currently available for resale at the wholesale discount rate for each service determined by the appropriate Commission is set forth in Appendix Pricing. Except as otherwise expressed herein, consistent with **SBC-ILEC**'s obligation under Section 251(c)(4)(A) of the Act and any other applicable limitations or restrictions, CLEC may resell other Telecommunications Services offered at retail by **SBC-ILEC** at the discount set forth in Appendix Pricing.

2.2 **SBC-ILEC** will offer products and services to CLEC for resale pursuant to relevant decisions of the appropriate Commission.

2.3 Telecommunications Services will be offered by **SBC-ILEC** to CLEC for resale on terms and conditions that are reasonable and nondiscriminatory.

2.4 Grandfathered services are available per appropriate state specific tariff to CLEC for resale at the applicable discount only to the same End User, at the existing End User's location, to which **SBC-ILEC** provides the service, either at retail or through resale.

3. TERMS AND CONDITIONS OF SERVICE

3.1 Except as otherwise expressly provided herein, for Telecommunications Services included within this Appendix that are offered by **SBC-ILEC** to **SBC-ILEC**'s End Users through tariff(s), the rules and regulations associated with **SBC-ILEC**'s retail tariff(s) shall apply when the services are resold by CLEC, with the exception of any tariff resale restrictions; provided, however, any tariff restrictions on further resale by the End User shall continue to apply. Use limitations shall be in parity with services offered by **SBC-ILEC** to its End Users.

3.2 CLEC shall only sell Plexar®, Centrex and Centrex-like services to a single End User or multiple End User(s) in accordance with the terms and conditions set forth in the corresponding **SBC-ILEC** retail tariff(s) applicable within that state.

3.3 Except where otherwise explicitly permitted in **SBC-ILEC**'s corresponding retail tariff(s), CLEC shall not permit the sharing of a service by multiple End User(s) or the aggregation of traffic from multiple End User(s) onto a single service.

3.3.1 This section applies only to **SWBT-TX**:

3.3.1.1 Within the State of Texas, based upon the Texas Commission's arbitration order, **SWBT-TX** will permit aggregation for purposes of the resale of volume discount offers. Volume discount offers include such items as intraLATA toll, but do not include such items as packages of vertical features.

3.4 CLEC shall only resell services furnished under this Appendix to the same category of End User(s) to whom **SBC-ILEC** offers such services (for example, residence service shall not be resold to business End Users).

3.4.1 CLEC may only resell special needs services" as identified in associated state specific tariffs to persons who are eligible for each such service. As used herein, the term "special needs services" means services for the physically disabled where the disability is related to vision, speech, hearing or motion. Further, to the extent CLEC resells services that require certification on the part of the End User, CLEC shall ensure that the End User has obtained proper certification and complies with all rules and regulations as established by the appropriate Commission.

3.4.1.1 If the existing retail Customer Service Record ("CSR") for an End User's account currently provisioned at retail by **SBC-ILEC** contains an indicator that the same telephone number for the same named Person at the same address is currently being billed by **SBC-ILEC** retail for the same "special needs service," the End

User has previously been certified as eligible for that "special needs service."

3.4.1.2 If the indicator described in Section 3.4.1.1 is present on the End User's current retail account with an **SBC-ILEC** company, CLEC must make the determination whether the End User continues to be eligible for the program(s) specified in Section 3.4.1. CLEC is responsible for obtaining any End User certification or re-certification required by the terms of the state specific **SBC-ILEC** tariff for any "special needs service" it resells to any End User beginning on the date that CLEC submits any order relating to that "special needs service." This responsibility includes obtaining and retaining any documentary evidence of each such End User's eligibility, in accordance with the applicable **SBC-ILEC** retail tariff requirements.

3.4.1.3 If the indicator described in Section 3.4.1.1 is not present on the End User's current retail account with an **SBC-ILEC** company, or if the applicant does not currently have local telephone service, CLEC is responsible for ensuring that the End User is eligible for any "special needs service" in accordance with applicable **SBC-ILEC** retail tariff requirements, for obtaining and retaining any documentary evidence of such eligibility and for designating such End User or applicant as eligible to participate in such program(s).

3.4.2 This section applies only to **SBC-SWBT**:

3.4.2.1 CLEC may only resell **SBC-SWBT** LifeLine and Link-Up services, where available for resale, according to associated retail state specific tariffs to persons who are eligible for each such service. Further, to the extent CLEC resells services that require certification on the part of the End User, CLEC shall ensure that the End User meets all associated tariff eligibility requirements, has obtained proper certification and complies with all rules and regulations as established by the appropriate Commission.

3.4.2.2 When the End User is currently receiving **SBC-SWBT** LifeLine and/or Link-Up benefit, the existing **SBC-SWBT** CSR will carry the appropriate service indicator. CLEC may view this indicator on the **SBC-SWBT** CSR.

3.4.2.3 If the indicator described in Section 3.4.2.2 is present on the End User's current retail **SBC-SWBT** CSR, CLEC must make the determination whether the End User continues to be eligible for the program(s) specified in Section 3.4.2.1. CLEC is responsible for

obtaining any End User certification or re-certification required by the terms of the state specific **SBC-SWBT** tariff for LifeLine or Link-Up service it resells to any End User beginning on the date that CLEC submits any order relating to that service. This responsibility includes obtaining and retaining any documentary evidence of each such End User's eligibility, in accordance with the applicable **SBC-SWBT** retail tariff requirements.

3.4.2.4 If the indicator described in Section 3.4.2.2 is not present on the CSR for the End User's current retail account with **SBC-SWBT**, or if the applicant does not currently have local telephone service, CLEC is responsible for ensuring that the End User is eligible for any LifeLine or Link-Up service in accordance with applicable **SBC-SWBT** retail tariff requirements, for obtaining and retaining any documentary evidence of such eligibility and for designating such End User or applicant as eligible to participate in such program(s).

3.4.3 This section applies only to **NEVADA, PACIFIC, SNET** and **SBC-AMERITECH:**

3.4.3.1 **NEVADA, PACIFIC, SNET** and **SBC-AMERITECH** LifeLine and Link-Up services are not available for resale.

3.4.3.2 When an End User is currently receiving **NEVADA, PACIFIC, SNET** or **SBC-AMERITECH** LifeLine or Link-Up service, the existing **NEVADA, PACIFIC, SNET** or **SBC-AMERITECH** Customer Service Record (CSR) will carry the appropriate service indicator. CLEC may view this indicator on the CSR.

3.4.3.3 CLEC may obtain LifeLine or Link-Up indicator data from **NEVADA, PACIFIC, SNET** or **SBC-AMERITECH**'s existing retail CSR for the End User for the sole purpose of enabling CLEC to determine whether the End User may be eligible for any similar program(s) CLEC may offer.

3.4.3.3.1 CLEC is exclusively responsible for all aspects of any similar CLEC-offered program, including ensuring that any similar CLEC-offered program(s) complies with all applicable federal and state requirements, obtaining all necessary End User certifications and re-certifications, submitting written designation that any of CLEC's End User or applicants are eligible to participate in such programs, submitting CLEC's claims for reimbursement to any applicable governmental authority and any other

activities required by any applicable governmental authority.

3.4.3.4 If no **NEVADA, PACIFIC, SNET** or **SBC-AMERITECH** LifeLine and/or Link-Up indicator is present on the CSR for the End User's current retail account, such End User is not currently certified as eligible to participate in any LifeLine or Link-Up program offered by **NEVADA, PACIFIC, SNET** or **SBC-AMERITECH**.

3.5 Promotions

3.5.1 Promotions are available for the Telecommunications Services outlined in Appendix Pricing in the "Resale" category and in accordance with state specific Commission requirements.

3.5.2 This section applies only to **NEVADA** and **SWBT-MO**:

3.5.2.1 **NEVADA** and **SWBT-MO** promotions of eighty-nine (89) days or less are not available to CLEC for resale.

3.5.3 This section applies only to **PACIFIC, SBC-AMERITECH**, **SNET**, **SWBT-AR** and **SWBT-OK**:

3.5.3.1 **PACIFIC, SBC-AMERITECH, SNET, SWBT-AR** and **SWBT-OK** promotions of ninety (90) days or less are not available to CLEC for resale.

3.5.4 This section applies only to **SWBT-KS**:

3.5.4.1 Promotions on Telecommunications Services are available to CLEC for resale. A wholesale discount (14.9% or 21.6%, as applicable) will be applied to those promotions of ninety-one (91) days or more.

3.5.5 This section applies only to **SWBT-TX**:

3.5.5.1 Promotions on Telecommunications Services are available to CLEC for resale. A wholesale discount will be applied to those promotions of ninety-one (91) days or more.

3.6 CLEC shall not use a resold service to avoid the rates, terms and conditions of **SBC-ILEC**'s corresponding retail tariff(s).

3.7 CLEC shall not use resold local Telecommunications Services to provide access or interconnection services to itself, interexchange carriers (IXCs), wireless

carriers, competitive access providers (CAPs), or other telecommunications providers; provided, however, that CLEC may permit its End Users to use resold local exchange telephone service to access IXCs, wireless carriers, CAPs, or other retail telecommunications providers.

3.8 A Federal End User Common Line charge and any other appropriate Commission-approved charges, as set forth in the appropriate **SBC-ILEC** federal and applicable state tariff(s) will apply to each local exchange line furnished to CLEC under this Appendix for resale.

3.9 To the extent allowable by law, CLEC shall be responsible for Primary Interexchange Carrier (both PIC and LPIC) change charges associated with each local exchange line furnished to CLEC for resale. CLEC shall pay all charges for PIC and LPIC changes at the tariffed rate(s).

3.10 **SBC-ILEC** shall provide the services covered by this Appendix subject to availability of existing facilities and on a nondiscriminatory basis with its other customers. CLEC shall resell the services provided herein only in those service areas in which such resale services or any feature or capability thereof are offered to End Users at retail by **SBC-ILEC** as the incumbent local exchange carrier.

3.11 When an End User converts existing service to CLEC resold service of the same type without any additions or changes, charges for such conversion will apply as set forth in Appendix PRICING in the “Other (Resale)” category, listed as "conversion charges," and are applied per billable telephone number.

3.11.1 When an End User(s) subscribes to CLEC resold service, recurring charges for the service shall apply at the wholesale discount set forth in Appendix Pricing. The tariff rates for such resold service shall continue to be subject to orders of the appropriate Commission.

3.11.2 When CLEC converts an End User(s) existing service and additions or changes are made to the service at the time of the conversion, the normal service order charges and/or non-recurring charges associated with said additions and/or changes will be applied in addition to the conversion charge. CLEC will receive a wholesale discount on all non-recurring service order charges for the services listed in Appendix Pricing under the heading “Resale;” no wholesale discount is available for the non-recurring service order charges for those services listed in Appendix Pricing under the heading “OTHER (Resale).”

3.11.3 For the purposes of ordering service furnished under this Appendix, each request for new service (that is, service not currently being provided to the End User on **SBC-ILEC**'s network, without regard to the identity of that

End User's non-facilities based local service provider of record) shall be handled as a separate initial request for service and shall be charged per billable telephone number.

3.11.4 Where available, the tariff retail additional line rate for Service Order Charges shall apply only to those requests for additional residential service to be provided at the same End User premises to which a residential line is currently provided on **SBC-ILEC**'s network, without regard to the identity of that End User's non-facilities based local service provider of record.

3.12 If CLEC is in violation of any provision of this Appendix, **SBC-ILEC** will notify CLEC of the violation in writing. Such notice shall refer to the specific provision being violated. CLEC will have thirty (30) calendar days to correct the violation and notify **SBC-ILEC** in writing that the violation has been corrected. **SBC-ILEC** will bill CLEC a sum equal (i) the charges that would have been billed by **SBC-ILEC** to CLEC or any Third Party but for the stated violation and (ii) the actual revenues CLEC billed its End User(s) in connection with the stated violation, whichever is greater. Should CLEC dispute the stated violation, CLEC must notify **SBC-ILEC** in writing of the specific details and reasons for its dispute within fourteen (14) calendar days of receipt of the notice from **SBC-ILEC** and comply with Sections 8.3 through 8.7 of the General Terms and Conditions of the Agreement to which this Appendix is attached. Resolution of any dispute by CLEC of the stated violation shall be conducted in compliance with the Dispute Resolution provisions set forth in the General Terms and Conditions of the Agreement to which this Appendix is attached.

3.13 **SBC-ILEC**'s services are not available at wholesale rates to CLEC for its own use or for the use of any of CLEC's Affiliates successors or assigns.

3.14 This section applies only to **SWBT-TX** :

3.14.1 Subject to any modifications ultimately approved in Docket Number 17759 and any appeals thereof:

3.14.1.1 CLEC may convert current **SWBT-TX** End User(s) that have existing term, volume, termination liability or any customer specific pricing contracts (collectively referred to hereinafter as "CSP Contracts") for services offered within the State of Texas, and

3.14.1.2 **SWBT-TX** and any other reseller of **SWBT-TX** local service may convert current CLEC End User(s) that have existing CSP Contracts for services offered within the State of Texas.

3.14.1.3 In the event of a conversion under either Section 3.14.1.1 or 3.14.1.2, CLEC and **SWBT-TX** shall comply with all of the terms and conditions set forth in Sections 3.14.2 and 3.14.3.

3.14.2 Responsibilities of CLEC in connection with CSP Contract Conversions

3.14.2.1 CLEC shall assume in writing the balance of the terms, including volume, term and termination liability remaining on any current retail **SWBT-TX** or resold End User CSP Contract at the time of conversion. CLEC may assume the CSP Contract at the wholesale discount of 5.62% for customer specific pricing plan contracts and at the wholesale discount of 8.04% for tariffed volume and term contracts.

3.14.2.2 Correspondingly, CLEC shall not charge CLEC's End User termination liability when an existing CSP contract between CLEC and its End User is converted to **SWBT-TX** or any other local service provider reselling **SWBT-TX** local service.

3.14.2.3 If another reseller of **SWBT-TX** local service converts a current CLEC End User(s) that has an existing CSP Contract, it is CLEC's responsibility to address assumption of the CSP contact and termination liability with the other reseller. CLEC agrees that **SBC-ILEC** has no responsibilities in such a situation, and CLEC further agrees that it will not make any Claim against **SWBT-TX** in connection with any conversion by another reseller of **SWBT-TX** local service of any CLEC End User(s) that has an existing CSP contract.

3.14.3 Responsibilities of **SWBT-TX** in connection with CSP Contract Conversions

3.14.3.1 **SWBT-TX** will not charge its retail End User termination liability when an existing CSP contract is converted to CLEC for resale.

3.14.3.2 Correspondingly, **SWBT-TX** will assume in writing the balance of the terms, including volume, term and termination liability remaining on a current CSP contract between CLEC and its End User at the time that CLEC's End User is converted to **SWBT-TX**.

3.15 This section applies only to **SBC-AMERITECH**:

3.15.1 **SBC-AMERITECH** retail contracts may be assumed unless expressly prohibited by the contract. Contracts for grandfathered and/or sunsetted services may not be assumed.

3.15.2 Subject to the provisions of Section 3.15.1, the following shall apply:

3.15.2.1 **AM-IL** tariffed and Individual Case Basis (ICB) contracts that are assumed receive a wholesale discount of 3.16%.

3.15.2.2 **AM-MI** tariffed and Individual Case Basis (ICB) contracts that are assumed receive a wholesale discount of 3.39%.

3.15.2.3 **AM-IN**, **AM-OH**, and **AM-WI** tariffed and Individual Case Basis (ICB) contracts may be assumed, but receive no wholesale discount.

3.15.2.4 **SBC-AMERITECH** Non-Standard Service contracts may be assumed, but receive no wholesale discount.

3.15.3 If CLEC elects to terminate a **SBC-AMERITECH** retail contract which CLEC had previously assumed, CLEC will be assessed the applicable termination charges remaining unless CLEC elects to simultaneously replace the existing contract with a contract of greater term and/or volume at the same discount CLEC receives for the previously assumed but now terminated contract.

4. ANCILLARY SERVICES

4.1 Where available, **SBC-ILEC** will afford CLEC's End Users the ability to make 911 calls. CLEC shall be responsible for collecting and remitting all applicable 911 fees and surcharges on a per line basis to the appropriate Public Safety Answering Point (PSAP) or other governmental authority responsible for collection of such fees and surcharges. When requested by SWBT, CLEC shall provide **SBC-ILEC** with accurate and complete information regarding CLEC's End User(s) in a format and time frame prescribed by **SBC-ILEC** for purposes of E911 administration.

4.1.1 Should any CLEC End User assert any Claim that relates to access to 911, the limitations of liability set forth in Appendix 911, which is attached to the General Terms and Conditions of the Agreement to which this Appendix is attached, shall govern all Claims that may be asserted against any Party to this Appendix relating to access to 911, whether such assertion is made by the other Party or any Third Party, and such provisions are incorporated herein for all purposes as though set forth herein.

4.2 Subject to **SBC-ILEC**'s practices, as well as the rules and regulations applicable to the provision of White Pages directories, **SBC-ILEC** will include in

appropriate White Pages directories the primary alphabetical listings of all CLEC End Users located within the local directory scope. The rules, regulations and **SBC-ILEC** practices are subject to change from time to time.

4.3 Additional Listing services, as set forth in Appendix Pricing, may be purchased by CLEC for its End Users on a per listing basis.

4.4 Liability relating to End User Listings

4.4.1 CLEC hereby releases **SBC-ILEC** from any and all liability for damages due to errors or omissions in CLEC's End User listing information as provided to **SBC-ILEC** under this Appendix, and/or CLEC's End User listing information as it appears in the White Pages directory, including, but not limited to, special, indirect, consequential, punitive or incidental damages.

4.4.2 In addition to any other indemnity obligations in this Appendix or the Agreement to which this Appendix is attached, CLEC shall indemnify, protect, save harmless and defend **SBC-ILEC** and **SBC-ILEC**'s officers, employees, agents, representatives and assigns from and against any and all losses, liability, damages and expense arising out of any demand, claim, suit or judgment by a Third Party in any way related to any error or omission in CLEC's End User listing information, including any error or omission related to non-published or non-listed End User listing information. CLEC shall so indemnify regardless of whether the demand, claim or suit by the third party is brought jointly against CLEC and **SBC-ILEC**, and/or against **SBC-ILEC** alone. However, if such demand, claim or suit specifically alleges that an error or omission appears in CLEC's End User listing information in the White Pages directory, **SBC-ILEC** may, at its option, assume and undertake its own defense, or assist in the defense of the CLEC, in which event the CLEC shall reimburse **SBC-ILEC** for reasonable attorney's fees and other expenses incurred by **SBC-ILEC** in handling and defending such demand, claim and/or suit.

4.5 Each CLEC subscriber will receive one copy per primary End User listing of **SBC-ILEC**'s White Pages directory in the same manner and at the same time that they are delivered to **SBC-ILEC**'s subscribers during the annual delivery of newly published directories**.** For White Page directories and/or White Page directories that are co-bound with Yellow Pages, CLEC may provide to **SBC-ILEC** written specifications of the total number of directories that it will require, at least sixty (60) days prior to the directory close. In that event, **SBC-ILEC** will deliver the remaining directories included in the CLEC's order in bulk to an address specified by the CLEC.

4.5.1 If CLEC's End User already has a current **SBC-ILEC** local White Pages directory, **SBC-ILEC** shall not be required to deliver a directory to that End User until new White Pages directories are published for that End User's location.

4.6 Subject to any blocking that may be ordered by CLEC for its End Users', to the extent Directory Assistance (DA) services are provided to **SBC-ILEC** End Users, **SBC-ILEC** shall provide CLEC's End Users access to **SBC-ILEC** Directory Assistance services. CLEC shall pay **SBC-ILEC** the charges attributable to Directory Assistance services utilized by CLEC's End Users. Discounts associated with utilization of Directory Assistance Services are set forth in Appendix Pricing.

4.7 **SBC-8STATE** will provide CLEC with 1/8th page in each directory (where the CLEC has or plans to have local telephone exchange customers) for the CLEC to include CLEC specific-information (i.e., business office, residence office, repair bureau, etc.) in the White Pages directory on an "index-type" informational page. No advertising will be permitted on such informational page. This page will also include specific information pertaining to other CLECs. At its option, CLEC shall provide **SBC-8STATE** with its logo and information in the form of a camera-ready copy, sized at 1/8th of a page. The content of CLEC's camera-ready copy shall be subject to **SBC-8STATE** approval. In those directories in which **SBC-ILEC** includes Spanish Customer Guide Pages, this informational page will also be provided in Spanish at CLEC's request, subject to the guidelines set forth above.

4.8 At its request, CLEC may purchase "Informational Page(s)" in the informational section of the White Pages directory covering a geographic area where CLEC provides local telecommunications exchange service. Such page(s) shall be no different in style, size, color and format than **SBC-8STATE** "Informational Pages". Sixty (60) calendar days prior to the directory close date, the CLEC shall provide to **SBC-8STATE** the "Informational Page" in the form of camera-ready copy.

4.9 Except where expressly stated the terms and conditions for including CLEC End User listings in **SBC-AMERITECH** White Page directories as well as distribution of such directories to CLEC and/or CLEC End User's is a product offering available through a non-regulated subsidiary of. **SBC-AMERITECH.**

4.10 Subject to any blocking that may be ordered by CLEC for its End Users', **SBC-ILEC** will provide access to Operator Services ("OS") to CLEC's End Users to the same extent it provides OS to its own End Users. CLEC shall pay the charges associated with the utilization of OS by CLEC's End Users. Discounts associated with the utilization of OS are set forth in Appendix Pricing.

4.11 **SBC-ILEC** shall also offer CLEC the opportunity to customize route its End Users' DA/OS calls where technically feasible. CLEC must have dedicated transport at each End Office where customized routing is requested. CLEC agrees to pay **SBC-ILEC** appropriate charges associated with customized routing on an ICB basis.

4.12 Payphone Services

4.12.1 CLEC may provide certain local Telecommunications Services to payphone service providers ("PSPs") for PSPs' use in providing payphone service. Local Telecommunications Services which PSPs use in providing payphone service that are provided to PSPs by CLEC by means of reselling **SBC-ILEC**'s services offered pursuant to the appropriate payphone section(s) of **SBC-ILEC**'s state specific tariff(s) applicable in each state covered by this Appendix are referred to in this Appendix as "Payphone Lines." In its Common Carrier Docket No. 96-128, the FCC ordered **SBC-ILEC** to compensate PSP customers of CLECs that resell **SBC-ILEC**'s services for certain calls originated from pay telephones and received by the resale-based carriers. (Implementation of the Pay Telephone Reclassification and Compensation Provisions of the Telecommunications Act of 1996, FCC Docket No. 96-128, Report and Order, para. 86 (1996)). This compensation is referred to in this Agreement as "Payphone Compensation."

4.12.2 The Parties desire that **SBC-ILEC** satisfy the obligation to pay Payphone Compensation to PSPs that are customers of CLEC by paying the Payphone Compensation to CLEC, who will then forward the Payphone Compensation directly to the PSPs.

4.12.3 **SBC-ILEC** will pay Payphone Compensation due with respect to Payphone Lines in compliance with the current or any future order of the FCC. **SBC-ILEC** will pay Payphone Compensation to CLEC only for:

4.12.3.1 IntraLATA subscriber 800 calls for which **SBC-ILEC** provides the 800 service to the subscriber and carries the call; and

4.12.3.2 IntraLATA calls placed using **SBC-ILEC**'s prepaid calling card platform and carried by **SBC-ILEC**.

4.12.4 **SBC-ILEC** will not pay any Payphone Compensation for non-sent paid calls.

4.12.5 **SBC-ILEC** will pay CLEC the Payphone Compensation due to CLEC's PSP customer(s) within sixty (60) calendar days after the close of the calendar quarter during which the call(s) for which Payphone

Compensation is due were made. However, payment may be made later than sixty (60) calendar days if **SBC-ILEC** deems it necessary to investigate a call or calls for possible fraud.

4.12.6 **SBC-ILEC** will make payment of any Payphone Compensation due to CLEC under this Appendix by crediting CLEC's bill for the Payphone Line over which the call that gives rise to the Payphone Compensation was placed. **SBC-ILEC** will not issue a check to CLEC if the credit for Payphone Compensation exceeds the balance due to **SBC-ILEC** on the bill.

4.12.7 Nothing in this Appendix entitles CLEC to receive or obligates **SBC-ILEC** to provide any call detail or other call record for any call that gives rise to Payphone Compensation.

4.12.8 CLEC represents and warrants that the only **SBC-ILEC** services that CLEC will make available to PSPs as Payphone Lines are the payphone services that **SBC-ILEC** offers pursuant to the appropriate payphone section(s) of **SBC-ILEC**'s state specific tariff(s) applicable in each state covered by this Appendix.

4.12.9 Except as provided otherwise in this Section 4.9.9, CLEC shall pay the entire amount of the Payphone Compensation due with respect to each Payphone Line to the PSP that is the CLEC's customer for that Payphone Line. CLEC shall make such payment on or before the last business day of the calendar quarter following the calendar quarter during which the call(s) for which Payphone Compensation is due to the PSP were made. If **SBC-ILEC** pays any Payphone Compensation to CLEC later than sixty (60) calendar days after the close of the calendar quarter during which the call(s) for which Payphone Compensation is due were made, then CLEC shall pay the entire amount of such Payphone Compensation to the PSP that is CLEC's customer for that Payphone Line within ten (10) calendar days after receiving such Payphone Compensation from **SBC-ILEC**.

4.12.10 In addition to any other indemnity obligations in this Appendix or in the Agreement to which this Appendix is attached, CLEC shall indemnify, protect, save harmless and defend **SBC-ILEC** and **SBC-ILEC**'s officers, employees, agents, representatives and assigns from and against any and all losses, costs, liability, damages and expense (including reasonable attorney's fees) arising out of any demand, claim, suit or judgment by any Third Party, including a PSP, in any way relating to or arising from any of the following:

4.12.10.1 CLEC's failure to comply with all the terms and conditions of this Appendix; or

4.12.10.2 Use by a PSP customer of CLEC of any service other than a Payphone Line to provide pay telephone service; or

4.12.10.3 False representation by CLEC.

4.13 Suspension of Service

4.13.1 CLEC may offer to resell Customer Initiated Suspension and Restoral Service to its End Users at the associated state specific retail tariff rates, terms and conditions for suspension of service at the request of the End User.

4.13.2 **SBC-ILEC** will offer CLEC local service provider initiated suspension service for CLEC's purposes at the associated **SBC-ILEC** state specific retail tariff rate for company initiated suspension of service. Service specifics may be obtained in state specific CLEC Handbooks.

4.13.2.1 CLEC shall be exclusively responsible for placing valid orders for the suspension and the subsequent disconnection or restoral of service to each of its End Users.

4.13.2.2 Should CLEC suspend service for one of its End Users and fail to submit a subsequent disconnection order within the maximum number of calendar days permitted for a company initiated suspension pursuant to the state specific retail tariff, CLEC shall be charged and shall be responsible for all appropriate monthly service charges for the End User's service from the suspension date through the disconnection date.

4.13.2.3 Should CLEC suspend service for one of its End Users and subsequently issue a restoral order, CLEC shall be charged the state specific tariff rate for the restoral plus all appropriate monthly service charges for the End User's service from the suspension date through the restoral date.

5. BRANDING

5.1 Except where otherwise required by law, CLEC shall not, without **SBC-ILEC**'s prior written authorization, offer the services covered by this Appendix using the trademarks, service marks, trade names, brand names, logos, insignia, symbols or decorative designs of **SBC-ILEC** or its Affiliates, nor shall CLEC state or imply that there is any joint business association or similar arrangement with **SBC-ILEC** in the provision of Telecommunications Services to CLEC's customers.

5.2 Branding Requirements

5.2.1 Where technically feasible and/or available, **SBC-ILEC** will brand Operator Services (OS) and/or Directory Assistance (DA) in CLEC's name as outlined below:

5.2.1.1 Provide its brand at the beginning of each telephone call and before the consumer incurs any charge for the call; and

5.2.1.2 Disclose immediately to the consumer, upon request, a quote of its rates or charges for the call.

5.2.2 Where **SBC-ILEC** provides CLEC OS and DA services via the same trunk, both OS and DA calls will be branded with the same brand. Since **SBC-ILEC**'s DA and OS utilize the same trunk group, CLEC will receive the same brand for both DA and OS.

5.2.3 CLEC agrees and warrants that it will provide to **SBC-ILEC** a name to be used for branding covered by this Appendix that matches the name in which CLEC is certified to provide local Telecommunications Services by the applicable state Commission.

5.3 Call Branding

5.3.1 **SBC-ILEC** will brand OS/DA in CLEC's name based upon the information provided by CLEC and as outlined below:

5.3.1.1 **SBC-SWBT** and **SNET** - CLEC will provide written specifications of its company name to be used by **SBC-SWBT** or **SNET** to create CLEC specific branding announcements for its OS/DA calls in accordance with the process outlined in the Operator Services OS/DA Questionnaire (OSQ). CLEC attests that it has been provided a copy of the OSQ.

5.3.1.2 **PACIFIC**/**NEVADA** - CLEC will provide recorded announcement(s) of its company name to be used to brand CLEC's OS/DA calls in accordance with the process outlined in the OSQ. CLEC attests that it has been provided a copy of the OSQ.

5.3.1.3 **SBC-AMERITECH** – CLEC will provide written specifications of its company name to be used by **SBC-AMERITECH** to brand CLEC OS/DA calls, when technically feasible and available, in accordance with the process outlined in the OSQ. CLEC attests that it has been provided a copy of the OSQ.

5.4 Branding Load Charges:

5.4.1 **SBC-SWBT** - An initial non-recurring charge applies per state, per brand, per Operator assistance switch for the establishment of CLEC specific branding. An additional non-recurring charge applies per state, per brand, per Operator assistance switch for each subsequent change to the branding announcement. In addition, a per call charge applies for every OS/DA call handled by **SBC-SWBT** on behalf of CLEC when multiple brands are required on a single Operator Services trunk. This charge is set forth in Appendix Pricing under the "OTHER (Resale)" category.

5.4.2 **PACIFIC/NEVADA/SNET** – An initial non-recurring charge applies per state, per brand, per Operator assistance switch for the establishment of CLEC specific branding. An additional non-recurring charge applies per state, per brand, per Operator assistance switch for each subsequent change to branding announcement. This charge is set forth in Appendix Pricing under the "OTHER (Resale)" category.

6. OS/DA RATE/REFERENCE INFORMATION

6.1 CLEC will furnish OS/DA Rate and Reference Information in a mutually agreed to format or media thirty (30) calendar days in advance of the date when the OS/DA Services are to be undertaken.

6.2 CLEC will inform **SBC-ILEC**, in writing, of any changes to be made to such Rate/Reference Information fourteen calendar days prior to the effective Rate/Reference change date. CLEC acknowledges that it is responsible to provide **SBC-ILEC** updated Rate/Reference Information in advance of when the Rate/Reference Information is to become effective.

6.3 An initial non-recurring charge will apply per state, per Operator assistance switch for loading of CLEC's OS/DA Rate/Reference Information. An additional non-recurring charge will apply per state, per Operator assistance switch for each subsequent change to either CLEC's OS/DA Services Rate or Reference Information. This charge is set forth in Appendix Pricing under the "Other (Resale)" category.

6.4 When an **SBC-ILEC** Operator receives a rate request from a CLEC End User, where technically feasible and available, **SBC-ILEC** will quote the applicable OS/DA rates as provided by the CLEC.

6.4.1 **PACIFIC/NEVADA/SBC-AMERITECH** – In the interim, when a Operator receives a rate request from a CLEC End User, **PACIFIC/NEVADA/SBC-AMERITECH** will transfer the CLEC End User to a customer care number specified by the CLEC on the OSQ. When **PACIFIC/NEVADA/SBC-AMERITECH** has the capability to quote

specific CLEC rates and reference information, the Parties agree that the transfer option will be eliminated.

7. RESPONSIBILITIES OF SBC-ILEC

7.1 **SBC-ILEC** shall allow CLEC to place service orders and receive phone number assignments (for new lines). These activities shall be accomplished by facsimile or electronic interface. **SBC-ILEC** shall provide interface specifications for electronic access for these functions to CLEC. However, CLEC shall be responsible for modifying and connecting any of its systems with **SBC-ILEC**-provided interfaces, as outlined in Appendix OSS.

7.2 **SBC-ILEC** shall implement CLEC service orders within the same time intervals **SBC-ILEC** uses to implement service orders for similar services for its own End Users.

7.2.1 Methods and procedures for ordering are outlined in the CLEC Handbook, available on-line, as amended by **SBC-ILEC** in its sole discretion from time to time. All Parties agree to abide by the procedures contained therein.

7.3 CLEC will have the ability to report trouble for its End Users to the appropriate **SBC-ILEC** trouble reporting center(s) twenty-four (24) hours a day, seven (7) days a week. CLEC will be assigned customer contact center(s) when initial service agreements are made. CLEC End Users calling **SBC-ILEC** will be referred to CLEC at the number provided by CLEC. Nothing herein shall be interpreted to authorize CLEC to repair, maintain, or in any way touch **SBC-ILEC**'s network facilities, including those on End User premises.

7.3.1 Methods and procedures for trouble reporting are outlined in the CLEC Handbook, available on-line, as amended by **SBC-ILEC** in its sole discretion from time to time. All Parties agree to abide by the procedures contained therein.

7.4 **SBC-ILEC** will provide CLEC with detailed billing information necessary for CLEC to issue bill(s) to its End User(s). CLEC has the option of receiving a daily usage file ("DUF") in accordance with the terms and conditions set forth in Section 8.8 of the General Terms and Conditions of the Agreement to which this Appendix is attached. Should CLEC elect to subscribe to the DUF, CLEC agrees to pay **SBC-ILEC** the charges specified in Appendix Pricing under the "Other (Resale)" category listed as "Electronic Billing Information Data (daily usage) (per message)."

7.5 **SBC-ILEC** shall make Telecommunications Services that **SBC-ILEC** provides at retail to subscribers who are not Telecommunications Carriers available for resale

consistent with the obligation under Section 251(c)(4)(A) of the Act and other applicable limitations. **SBC-ILEC** will notify CLEC of any changes in the terms and conditions under which **SBC-ILEC** offers Telecommunications Services at retail to subscribers who are not Telecommunications Carriers, including but not limited to, the introduction of any new features, functions, services, promotions, grandfathering or the discontinuance of current features or services at the time a tariff filing is transmitted to the appropriate State Commission, or, in situations where a tariff filing is not so transmitted, within sixty (60) calendar days of the expected effective date of such change.

7.5.1 **SBC-ILEC** currently makes such notification as described in Section 17.2 of the General Terms and Conditions of the Agreement to which this Appendix is attached. Notification of any new service available to CLEC for resale shall advise CLEC of the category in which such new service shall be placed, and the same discount already applicable to CLEC in that category shall apply to the new service.

7.6 CLEC's End User's activation of Call Trace shall be handled by the **SBC-ILEC** operations centers responsible for handling such requests. **SBC-ILEC** shall notify CLEC of requests by its End Users to provide call records to the proper authorities. Subsequent communication and resolution of each case involving one of CLEC's End Users (whether that End User is the victim or the suspect) will be coordinated through CLEC.

7.6.1 CLEC acknowledges that for services where reports are provided to law enforcement agencies (for example, Call Trace) only billing number and address information shall be provided. It shall be CLEC's responsibility to provide additional information necessary for any police investigation.

7.6.1.1 In addition to any other indemnity obligations in this Appendix or the Agreement to which this Appendix is attached, CLEC shall indemnify **SBC-ILEC** against any Claim that insufficient information led to inadequate prosecution.

7.6.2 **SBC-ILEC** shall handle law enforcement requests consistent with the Law Enforcement Section of the General Terms and Conditions of the Agreement to which this Appendix is attached.

7.7 This section applies only to **PACIFIC**:

7.7.1 Cooperation on Fraud

7.7.1.1 Traffic Alert Referral Service

7.7.1.1.1 Traffic Alert Referral Service ("TARS") is a service that monitors traffic patterns associated with a CLEC's resold lines. On no less than thirty (30) calendar days written notice, CLEC may order **PACIFIC**'s TARS. In providing TARS to CLEC, **PACIFIC** notifies the CLEC of traffic abnormalities that indicate the possible occurrence of intraLATA fraud and furnishes to CLEC information on all 1+ alerts. CLEC understands and agrees that **PACIFIC** will use electronic mail to provide such information and that such information will only be available via electronic mail at the present time. It is the responsibility of CLEC to provide **PACIFIC** with the correct email address. Information will be provided on a per-alert basis and will be priced on a per-alert basis. **PACIFIC** grants to CLEC a non-exclusive right to use the information provided by **PACIFIC**. LEC will not permit anyone but its duly authorized employees or agents to inspect or use this information. CLEC agrees to pay **PACIFIC** a recurring usage rate as set forth in Appendix Pricing in the "OTHER (Resale)" category listed as "Traffic Alert Referral Service."

7.7.1.2 CLEC shall be liable for all fraud associated with any resale service to which it subscribes. **PACIFIC** takes no responsibility, will not investigate, and will make no adjustments to CLEC's account(s) in cases of fraud or any other related End User dispute.

7.7.1.3 In addition to any other indemnity obligations in this Appendix or in the Agreement to which this Appendix is attached, **PACIFIC** shall not be liable for any damages to CLEC or to any other person or entity for **PACIFIC**'s actions or the conduct of its employees in providing TARS to CLEC. CLEC shall indemnify, defend, and hold **PACIFIC** harmless from any and all claims, lawsuits, costs, damages, liabilities, losses, and expenses, including reasonable attorney fees, resulting from or in connection with CLEC's use of **PACIFIC**'s TARS, except when such claims, lawsuits, costs, damages, liabilities, losses, or expenses are proximately caused by the willful misconduct or gross negligence of **PACIFIC** or its employees.

7.8 This section applies only to **PACIFIC**:

7.8.1 **PACIFIC** will make available to CLEC an optional service, Repair Transfer Service ("RTS"). In the event a CLEC's End User dials 611 (811-8081 for Priority Business customers) for repair, **PACIFIC** will provide a recorded announcement of the CLEC name and number and **PACIFIC** will automatically transfer the caller to the CLEC designated 800/888 number for repair service. CLEC must provide written notification to **PACIFIC** at least thirty (30) calendar days prior to the implementation of RTS. Written notification must include the CLEC name and 800/888 numbers for RTS to the CLEC repair bureau and business office. There will be no charges associated with the initial set-up for RTS, however, charges will apply to any subsequent changes to the recorded name announcement and telephone number. Rates for subsequent changes are set forth in the Appendix Pricing in the "Other (RESALE)" category listed as "Repair Transfer Service." Subsequent charges include: Recorded Name Announcement, 800/888 Telephone Number and Name Announcement & Telephone Number.

8. RESPONSIBILITIES OF CLEC

8.1 Prior to submitting an order under this Appendix, CLEC shall obtain End User authorization as required by applicable federal and state laws and regulations, and assumes responsibility for applicable charges as specified in Section 258(b) of the Act. **SBC-ILEC** shall abide by the same applicable laws and regulations.

8.2 Only an End User can initiate a challenge to a change in its local service provider. If an End User notifies **SBC-ILEC** or CLEC that the End User requests local exchange service, the Party receiving such request shall be free to provide service to such End User, except in those instances where the End User's account is local PIC protected. It is the responsibility of the End User to provide authorization in an FCC approved format to the current provider of record to remove local service provider protection before any changes in local service provider are processed.

8.2.1 **SBC-ILEC** shall be free to connect an End User to any competitive local exchange carrier based upon that competitive local exchange carrier's request and that competitive local exchange carrier's assurance that proper End User authorization has been obtained. CLEC shall make any such authorization it has obtained available to **SBC-ILEC** upon request and at no charge.

8.2.2.1 The following applies to **AM-MI** only:

The Parties will adhere to the requirements adopted by the Commission in its Case No. U-11900 with respect to the selection of the primary local exchange carriers and primary interexchange carriers.

8.3 When an End User changes or withdraws authorization, each Party shall release customer-specific facilities in accordance with the End User's direction or the direction of the End User's authorized agent. Further, when an End User abandons its premise, **SBC-ILEC** is free to reclaim the facilities for use by another customer and is free to issue service orders required to reclaim such facilities.

8.4 Neither Party shall be obligated by this Appendix to investigate any allegations of unauthorized changes in local exchange service (slamming) on behalf of the other Party or a Third Party. If **SBC-ILEC**, on behalf of CLEC, agrees to investigate an alleged incidence of slamming, **SBC-ILEC** shall charge CLEC an investigation fee as set forth in Appendix Pricing in the "OTHER (Resale)" category, listed as "Slamming Investigation Fee."

8.5 Should **SBC-ILEC** receive an order from CLEC for services under this Appendix, and **SBC-ILEC** is currently providing the same services to another local service provider for the same End User, CLEC agrees that **SBC-ILEC** may notify the local service provider from whom the End User is being converted of CLEC's order coincident with or following processing CLEC's order. It shall then be the responsibility of the former local service provider of record and CLEC to resolve any issues related to the End User. This Section 8.5 shall not apply to new or additional lines and services purchased by the End User from multiple CLECs or from **SBC-ILEC**.

8.5.1 If **SBC-ILEC** receives an order from another local service provider to convert services for an End User for whom CLEC is the current local service provider of record, and if CLEC already subscribes to the Local Disconnect Report ("LDR"), covered in Section 8.5.2, then **SBC-ILEC** shall notify CLEC of such order coincident with or following processing such order. It shall be the responsibility of CLEC and the other local service provider to resolve any issues related to the End User. This Section 8.5.1 shall not apply to new or additional lines and services purchased by an End User from multiple CLECs or from **SBC-ILEC**.

8.5.2 On no less than sixty (60) calendar days advance written notice, CLEC may, at its option, subscribe to the LDR. **SBC-ILEC** will furnish the following information via the LDR: the Billing Telephone Number ("BTN"), Working Telephone Number "WTN"), and terminal number of all End Users who have disconnected CLEC's service. Information furnished electronically will be provided daily on a per WTN basis and priced on a per WTN basis. CLEC shall pay **SBC-ILEC** for the LDR per WTN plus any applicable transmission charges for the LDR; current WTN prices are as set forth in Appendix Pricing in the "OTHER (Resale)" category, listed as "Local Disconnect Report." CLEC agrees that **SBC-ILEC** may change the per WTN charge, at **SBC-ILEC**'s sole discretion,

so long as **SBC-ILEC** provides CLEC no less than thirty (30) calendar days notice prior to any change in the per WTN charge. **SBC-ILEC** grants to CLEC a non-exclusive right to use the LDR information provided by **SBC-ILEC**. CLEC will not permit anyone but its duly authorized employees or agents to inspect or use this information.

8.6 CLEC is solely responsible for the payment of all charges for all services furnished under this Appendix, including but not limited to, calls originated or accepted at CLEC's location and its End Users' service locations; provided, however, CLEC shall not be responsible for payment of charges for any retail services furnished by **SBC-ILEC** directly to End Users and billed by **SBC-ILEC** directly to End Users.

8.6.1 Interexchange carried traffic (for example, sent-paid, information services and alternate operator services messages) received by **SBC-ILEC** for billing to resold End User accounts will be returned as unbillable and will not be passed to CLEC for billing. An unbillable code will be returned with those messages to the carrier indicating that the messages originated from a resold account and will not be billed by **SBC-ILEC**.

8.7 **SBC-ILEC** shall not be responsible for the manner in which utilization of resold services or the associated charges are allocated to End Users or others by CLEC. All applicable rates and charges for services provided to CLEC under this Appendix will be billed directly to CLEC and shall be the responsibility of CLEC; provided, however, that CLEC shall not be responsible for payment of charges for any retail services furnished by **SBC-ILEC** directly to End Users and billed by **SBC-ILEC** directly to End Users.

8.7.1 Charges billed to CLEC for all services provided under this Appendix shall be paid by CLEC regardless of CLEC's ability or inability to collect from its End Users for such services.

8.8 If CLEC does not wish to be responsible for payment of charges for collect, third number billed, toll and information services (for example, 900) calls, it must order the appropriate blocking for lines provided under this Appendix and pay any applicable charges. It is the responsibility of CLEC to order the appropriate toll restriction or blocking on lines resold to End Users. CLEC acknowledges that blocking is not available for certain types of calls, including 800, 888, 411 and Directory Assistance Express Call Completion. Depending on the origination point, for example, calls originating from correctional facilities, some calls may bypass blocking systems. CLEC acknowledges all such limitations and accepts all responsibility for any charges associated with calls for which blocking is not available and any charges associated with calls that bypass blocking systems.

8.9 CLEC shall be responsible for modifying and connecting any of its systems with **SBC-ILEC**-provided interfaces as described in this Appendix and Appendix OSS.

8.10 CLEC shall be responsible for providing to its End Users and to **SBC-ILEC** a telephone number or numbers that CLEC's End Users may use to contact CLEC in the event that the End User desires a repair/service call.

8.10.1 In the event that CLEC's End Users contact **SBC-ILEC** with regard to repair requests, **SBC-ILEC** shall inform such End Users to call CLEC and may provide CLEC's contact number.

8.11 CLEC acknowledges and agrees that, in the event CLEC makes any "CLEC Change" as that term is defined in Section 4.10 of the General Terms and Conditions of the Agreement to which this Appendix is attached, CLEC shall comply with the provisions set forth in Section 4.10 of the General Terms and Conditions of the Agreement to which this Appendix is attached as though set forth herein.

.

8.12 CLEC will provide forecasts to **SBC-ILEC** every January and July using the **SBC-ILEC** network information form, or a format mutually agreed to by the Parties. These written forecasts will be based on CLEC's best estimates and will include all resale products CLEC will be ordering within the forecast period.

9. APPLICABILITY OF OTHER RATES, TERMS AND CONDITIONS

9.1 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.

APPENDIX SS7

TABLE OF CONTENTS

1. INTRODUCTION 3

2. SERVICE DESCRIPTION 4

3. MANNER OF PROVISIONING 8

4. RESPONSIBILITIES OF SBC-12STATE 11

5. RESPONSIBILITIES OF CLEC 11

6. BONAFIDE REQUEST PROCESS 12

7. DESCRIPTION OF RATE ELEMENTS SBC-AMERITECH 12

8. DESCRIPTION OF RATE ELEMENTS SBC-7STATE 14

9. APPLICABILITY OF OTHER RATES, TERMS AND CONDITIONS 15

APPENDIX SS7
APPENDIX FOR THE PROVISION OF SS7 SERVICE

1. INTRODUCTION

1.1 This Appendix sets forth the terms and conditions for non-discriminatory access to the Common Channel Signaling/Signaling System 7 (CCS/SS7) signaling network provided by the applicable SBC Communications Inc. (SBC) owned Incumbent Local Exchange Carrier (ILEC) and CLEC. CCS/SS7 is comprised of certain network elements, including Dedicated Signaling Links, Signaling Link Transport and Signaling Transfer Points (STP). In addition to such network elements, this Appendix provides for CCS/SS7 functionality and translations to support SS7 based services and applications.

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, Nevada Bell Telephone Company, The Ohio Bell Telephone Company, Pacific Bell Telephone Company, The Southern New England Telephone Company, Southwestern Bell Telephone Company and/or Wisconsin Bell, Inc. d/b/a Ameritech Wisconsin.

1.3 As used herein, **SBC-ILEC** means the applicable above listed ILECs doing business in Arkansas, California, Connecticut, Illinois, Indiana, Kansas, Michigan, Missouri, Nevada, Ohio, Oklahoma, Texas, and Wisconsin.

1.4 As used herein, **SBC-12STATE** means the applicable above listed ILECs doing business in Arkansas, California, Illinois, Indiana, Kansas, Michigan, Missouri, Nevada, Ohio, Oklahoma, Texas, and Wisconsin.

1.5 As used herein, **SBC-7STATE** means the applicable above listed ILECs doing business in Arkansas, California, Kansas, Missouri, Nevada, Oklahoma, and Texas.

1.6 As used herein, **SBC-2STATE** means the applicable above listed ILECs doing business in California and Nevada.

1.7 As used herein, **SBC-SWBT** means the applicable above listed ILECs doing business in Arkansas, Kansas, Missouri, Oklahoma, and Texas.

1.8 As used herein, **SBC-AMERITECH** means the applicable above listed ILECs doing business in Illinois, Indiana, Michigan, Ohio, and Wisconsin.

1.9 As used herein, **PACIFIC** means the applicable above listed ILECs doing business in California.

2. SERVICE DESCRIPTION

2.1 **SNET** does not offer access to the SS7 signaling network under this agreement. Rather, SS7 is available as described in DPUC ordered CT Access Service Tariff Section 18.2.8. SS7 interconnection arrangements between **SNET** and CLEC will be on an individual case basis (ICB) due to the individual architectures of both CLEC and **SNET** signaling networks and unique requirements of the individual parties.

2.2 SS7 Transport

2.2.1 SS7 as defined in this Appendix above, provides for the transporting of call setup (i.e. ISUP) signaling to each end-office subtended from the tandem in the LATA in which the interconnection occurs as outlined in this Agreement. SS7 Transport of SS7 Global Access or SS7 Access as defined in the **SBC-12STATE** below outlines the requirements by for interLATA signaling.

2.2.2 SS7 Transport provides for the routing and screening of SS7 messages from an **SBC-7STATE** pair of STPs (i.e., a mated pair) to another **SBC-7STATE** pair of STPs. In the **SBC-AMERITECH**, due to the fact that state gateway STPs are not interconnected, SS7 Transport provides for the routing and screening of SS7 messages from a **SBC-AMERITECH** pair of designated Gateway STPs (i.e., a mated pair) to another **SBC-AMERITECH** pair of STPs within the same state only. The screening of messages provides for CLEC designation of signaling points associated with the CLEC and controls which messages may be allowed by the **SBC-12STATE** STP pairs. The routing of messages provides for the transfer of a complete message between signaling links, and for a Global Title Translation (GTT) of the message address, if needed.

2.2.3 SS7 Transport provides routing of messages for all parts of the SS7 protocol. These messages may support other applications and services such as, for example, CLASS services, Message Waiting services, Toll Free Database services, Line Information Data Base (LIDB) Services, Calling Name (CNAM) Database services, Advanced Intelligent Network (AIN) services and Telecommunications Industry Association Interim Standard-41 (IS-41) services. SS7 Transport will route messages to the global title address or to the signaling point code address of the message based on the translation information of **SBC-12STATE**'s STP.

2.3 Dedicated Signaling Links

2.3.1 Dedicated Signaling Links provide interconnection to **SBC-12STATE**'s signaling network. Each signaling link is a set of dedicated 56Kbps (or higher speed) transmission paths between CLEC STPs or switches and the **SBC-12STATE** STP mated pair. The CLEC designated Signaling Points of Interconnection (SPOI) are at **SBC-7STATE**'s STP, an **SBC-7STATE** serving wire center or are collocated in a **SBC-12STATE** wire center. In the **SBC-AMERITECH** the SPOI is always collocated in the **SBC-AMERITECH** STP serving office. This means of collocation is required in the **SBC-AMERITECH** for access to the **SBC-AMERITECH** STP. The links are fully dedicated to the use of CLEC and provide the screening and routing usage for the **SBC-12STATE** STP to which the link is connected. Dedicated Signaling Links are available to CLECs for their use in furnishing SS7-based services or applications to their end users or other users of SS7 signaling information.

2.4 Dedicated Signaling Links include the following elements:

2.4.1 SS7 Link Cross Connect

2.4.1.1 The SS7 Link Cross Connect provides a DS-0 or DS1 connection in the **SBC-12STATE** STP building and connects the STP Port Termination to the CLEC SPOI.

2.4.2 STP Port Termination

2.4.2.1 The STP Port Termination is the physical termination of the signaling link (i.e. 56 kbps circuit) at a **SBC-12STATE** STP. A STP Port Termination is used for each 56 kbps SS7 Link Cross Connect terminated at a **SBC-12STATE** STP.

2.4.3 STP Access Link

2.4.3.1 The STP Access Link provides a 56-kilobit per second digital facility when CLEC requires an interoffice facility to connect from the CLEC SPOI to the STP building location.

2.5 The CLEC shall provide the portion of the signaling link from the CLEC premises within the LATA to the **SBC-12STATE** STP location or the CLEC SPOI. CLEC shall identify the DS1 or channel of a DS1 that will be used for the signaling link.

2.6 CLEC shall identify to **SBC-12STATE** the facility and channel to which the SS7 Link Cross Connect shall connect. If the facility does not terminate in the STP location **SBC-12STATE** shall provide a transport facility referred to as the STP

Access Link. The STP Access Link will connect to the DS-0 cross connect at the STP location.

2.7 When CLEC uses an alternative DS1 facility or arranges, or agrees to allow, a physical degree of diversity or performance that is not in accordance with the specifications of Telcordia technical publication, GR-905-CORE, CLEC acknowledges that the performance and reliability of the SS7 protocol may be affected and the performance and reliability standards described in GR-905-CORE may be disqualified.

2.8 Dedicated Signaling Links are subject to **SBC-12STATE** compatibility testing and certification requirements pursuant to the Network Operations Forum Reference Document, GR-905-CORE and **SBC-12STATE** Technical Publication, TP76638. In the **SBC-AMERITECH** Technical Publication AM-TR-OAT-000069 will apply in addition to the documents referenced above. In **SBC-2STATE** PUB L-780023-**SBC-2STATE** may be substituted for TP76638 and first interconnections to **PACIFIC**'s signaling network per CLEC and per signaling point type of equipment will require completion of **PACIFIC**'s CCS/SS7 interconnection questionnaire. Each individual set of links from CLEC switch to **SBC-12STATE** STP will require a pre ordering meeting to exchange information and schedule testing for certification by **SBC-12STATE**.

2.9 Dedicated Signaling Links Technical Requirements

2.9.1 Unbundled Dedicated Signaling Links will perform in the following two ways:

2.9.1.1 as an "A-link", which is a connection between a switch and a home signaling transfer point (STP) mated pair; and

2.9.1.2 as a "B-link" or "D-link," which is an interconnection between STPs in different signaling networks.

2.9.2 When CLEC provides its own switch or STP, CLEC will provide DS1 (1.544 Mbps) interfaces at the CLEC-designated SPOIs. DS1 transport to the SPOI can be provided for, as previously indicated, via existing transport facilities or through CLEC purchase of an **SBC-12STATE** dedicated transport facility, previously referred to as the "Access Connection". Each 56 Kbps transmission path will appear as a DS0 channel on the DS1 interface.

2.9.3 In each LATA in which CLEC desires Dedicated Signaling Links for interconnection to the **SBC-12STATE** SS7 Signaling Network, CLEC must purchase dedicated signaling links to each STP of a mated pair of STPs.

2.9.4 CLEC assumes the responsibility to ensure diverse routing of CLEC signaling links from CLEC switch to CLEC SPOI. **SBC-12STATE** will provide the same amount of diversity as it provides to itself in terms of diverse routing of interoffice facilities, should such facilities be necessary.

2.9.5 When CLEC requests that **SBC-12STATE** add a Signaling Point Code (SPC), CLEC will identify to **SBC-12STATE** the SPCs associated with the CLEC set of links and will pay a non-recurring charge per STP pair at the rates set forth in Appendix PRICING UNE – Schedule of Prices, "Point Code Addition". This rate element will not apply in **SBC-2STATE**.

2.9.6 CLEC will notify **SBC-12STATE** in writing thirty (30) days in advance of any material change in CLEC's use of such SS7 signaling network, including but not limited to any change in CLEC SS7 Dedicated Signaling Links, SS7 Transport and/or STP.

2.10 Signaling Transfer Points (STPs)

2.10.1 The STP element is a signaling network function that includes all of the capabilities provided by the STP switches which enable the exchange of SS7 messages between switching elements, database elements and signaling transfer point switches via associated signaling links. STP includes the associated link interfaces.

2.10.2 Use of the STP routes signaling traffic generated by action of CLEC to the destination defined by **PACIFIC**'s signaling network, excluding messages to and from an **SBC-7STATE** local switching unbundled network element. Integrated services digital network user (ISUP) and Translational Capabilities Application Part (TCAP) signaling traffic addressed to SPs associated with CLEC set of links will be routed to CLEC.

2.10.3 SS7 Transport will apply to SS7 messages transported on behalf of CLEC from a **SBC-12STATE** designated STP pair to a to a **SBC-12STATE** STP pair located in a different LATA. In the **SBC-AMERITECH** this arrangement will only be provided for STPs located in the same state. In the **SBC-7STATE**, the rate, per octet, will apply to octets comprising ISUP and TCAP messages. In the **SBC-AMERITECH** the Signal Switching and Signal Transport rates will apply to ISUP and TCAP messages. In the **SBC-2STATE**, SS7 transport is not available. However, transit signaling provides the ability for an interconnecting network (ICN) to pass signaling information through the **SBC-2STATE** network to a third party without requiring a trunking connection by a third party with **SBC-2STATE**.

2.10.4 In such instance as CLEC utilizes **SBC-12STATE**'s Local Switching Network Element, CLEC does not separately order SS7 signaling under this method. CLEC will be charged for the use of the **SBC-12STATE** SS7 signaling on a per call basis.

2.11 STP Technical Requirements

2.11.1 STPs will provide signaling connectivity to the following network elements connected to the **SBC-12STATE** SS7 network: **SBC-12STATE** Local Switching or Tandem Switching; **SBC-12STATE** Service Control Points/Call Related Databases; Third-Party local or tandem switching systems; and Third-party-provided STPs.

2.11.2 The Parties will indicate to each other the signaling point codes and other screening parameters associated with each Link Set ordered by CLEC at the **SBC-12STATE** STPs, and where technically feasible, each Party will provision such link set in accordance with these parameters. CLEC may specify screening parameters so as to allow transient messages to cross the **SBC-12STATE** SS7 Network. The Parties will identify to each other the GTT type information for message routing. CLEC will pay a non-recurring charge when CLEC requests **SBC-12STATE** add GTT type information for message routing, in connection with its use of unbundled signaling.

2.12 Interface Requirements

2.12.1 **SBC-12STATE** will provide STP interfaces to terminate A-links, B-links, and D-links.

2.12.2 CLEC will designate the SPOI for each link. CLEC will provide a DS1 or higher rate transport interface at each SPOI. **SBC-12STATE** will provide intraoffice diversity to the same extent it provides itself such diversity between the SPOIs and the **SBC-12STATE** STPs.

2.12.3 **SBC-12STATE** will provide intraoffice diversity to the same extent it provides itself such diversity between the SPOIs and the **SBC-SWBT** STPs.

3. MANNER OF PROVISIONING

3.1 The following describes the manner of provisioning for SS7 services. Each Party will work cooperatively with the other Party and will each provide knowledgeable personnel in order to provision, test and install SS7 Service in a timely fashion.

3.2 SS7 Transport

3.2.1 CLEC shall use SS7 Transport subject to the screening and routing information of the **SBC-12STATE** STPs. **SBC-12STATE** shall provide information to CLEC on the routes and signaling point codes served by the **SBC-12STATE** STPs. SS7 Transport shall route ISUP messages for the purpose of establishing trunk voice paths between switching machines.

3.2.2 SS7 Transport shall route TCAP queries when feasible pursuant to the SS7 Protocol to the **SBC-12STATE** "regional" STP pair that directly serves the database of TCAP message. SS7 Transport shall route TCAP responses from a **SBC-12STATE** "regional" STP pair to another **SBC-12STATE** STP pair.

3.2.3 SS7 Transport provides a signaling route for messages only to signaling points to which **SBC-12STATE** has a route. SS7 Transport does not include the provision of a signaling route to every possible signaling point. When **SBC-12STATE** does establish a route to a signaling point in a mated pair of STPs, the route may not be available to other **SBC-12STATE** pairs of STPs, until ordered. When **SBC-12STATE** or CLEC, pursuant to a service order, arranges to establish a route to a signaling point, such route to the other signaling point or other signaling network will be used by all signaling points within, and connected to, the **SBC-12STATE** signaling network pursuant to the standard requirements of the SS7 protocol.

3.3 Disputes concerning the association of a signaling point among specific link sets associated with a **SBC-12STATE** mated STP will be resolved by consultation with the signaling point owner, as defined in the Local Exchange Routing Guide (LERG), Section 1, assignment of SPC.

3.4 Dedicated Signaling Links

3.4.1 CLEC shall designate the signaling points and signaling point codes associated with CLEC. CLEC shall provide such information to **SBC-12STATE** to allow **SBC-12STATE** to translate **SBC-12STATE** STPs. The information shall define the screening and routing information for the signaling point codes of CLEC and may include global title address, translation type and subsystem designations as needed.

3.4.2 Signaling links from **SBC-12STATE** mated pairs of STPs shall connect to CLEC premises (including collocation locations) within the same LATA. A set of links can be either:

3.4.2.1 "A" Link Sets from CLEC's Signaling Point (SP)/Service Switching Point (SSP). A minimum of two links will be required, one from the SP/SSP to each STP; or,

3.4.2.2 "B" Link Sets from CLEC's STPs that are connected to **SBC-12STATE**'s mated pair of STPs. A minimum of four links will be required (i.e. a "quad") between the two pairs of STPs. (This same arrangement is sometimes referred to as a set of "D" links.)

3.4.3 A STP Port Termination and SS7 Link Cross Connect is required for each 56-kbps access link utilized for the Service. STP locations are set forth in the National Exchange Carrier Association, Inc. (NECA) Tariff FCC No. 4.

3.4.4 A pre-order meeting will define the **SBC-12STATE** facility availability and the degree of diversity in both the **SBC-12STATE** physical network and the CLEC physical network from signaling point to signaling point for the link.

3.4.5 When CLEC requires a STP Access Link, CLEC and **SBC-12STATE** shall jointly negotiate the degree of diversity provided among and between multiple dedicated signaling links. The negotiation shall consider the requirements of the SS7 standard protocol, the degree of diversity available in each network and the possible alternatives.

3.4.6 All applicable signaling point codes for each signaling link must be installed at each of **SBC-12STATE**'s interconnecting STPs.

3.4.7 Call set-up times may be adversely affected when CLEC, using SS7 signaling, employs Intermediate Access Tandems (IATs) in its network. **SBC-12STATE** makes no warranties with respect to call set-up times when multiple STP pairs are involved or when the signaling traffic is exchanged between two non-**SBC-12STATE** signaling points.

3.4.8 Provisioning of the SS7 Service is in accordance with **SBC-7STATE** TP76638 **SBC-AMERITECH** AM-TR-OAT-000069 and GR-905-CORE, as amended or **SBC-2STATE** PUB L780023-**SBC-2STATE**.

3.5 Use of the STP

3.5.1 When CLEC orders **SBC-12STATE** unbundled Local Switching, the use of the STP shall apply. No order or provisioning by CLEC is needed. The **SBC-12STATE** Local Switch will use the **SBC-12STATE** SS7 signaling network.

4. RESPONSIBILITIES OF SBC-12STATE

4.1 **SBC-12STATE** shall manage the network and, at its sole discretion, apply protective controls. Protective controls include actions taken to control or minimize the effect of network failures or occurrences, which include, but are not limited to, failure or overload of **SBC-12STATE** or CLEC facilities, natural disasters, mass calling or national security demands.

4.2 **SBC-12STATE** shall determine the GTT route for messages routed to GTT, which are associated with **SBC-12STATE** signaling points.

4.3 **SBC-12STATE** shall define regional functions and local functions of its STPs. **SBC-12STATE** will route ISUP messages within the **SBC-12STATE** signaling network, subject to technical feasibility. Capacity limitations shall define a temporary technical infeasibility until the capacity limit can be resolved.

4.4 **SBC-12STATE** shall route messages generated by the action of CLEC throughout the **SBC-12STATE** signaling network as specified within this Appendix. The content of the messages is for the use of signaling points of origination and destination. **SBC-12STATE** will not use any information within messages for any purpose not required by or related to the use of the **SBC-12STATE** signaling network. **SBC-12STATE** will not divulge any message or any part of messages generated by CLEC to any other party, except as required to manage the **SBC-12STATE** signaling network or as may be required by law.

5. RESPONSIBILITIES OF CLEC

5.1 CLEC shall provision the signaling links at CLEC's premises and from CLEC's premises to **SBC-7STATE**'s STP location in a diverse, reliable and technically feasible manner. CLEC shall identify to **SBC-12STATE** the SPC(s) associated with the CLEC set of links.

5.2 CLEC shall identify to **SBC-12STATE** the GTT information for messages that route to CLEC.

5.3 When routing messages addressed to an **SBC-12STATE** Subsystem Number (SSN), CLEC shall use the **SBC-12STATE** defined SSN designation of the **SBC-12STATE** mated STP pair to which the message is routed.

5.4 CLEC shall transfer Calling Party Number Parameter information unchanged, including the "privacy indicator" information, when ISUP Initial Address Messages are interchanged with the **SBC-12STATE** signaling network.

5.5 CLEC shall furnish to **SBC-12STATE**, at the time the SS7 Service is ordered and annually thereafter, an updated three (3) year forecast of usage of the SS7 Signaling network. The forecast shall include total annual volume and busy hour busy month volume. **SBC-12STATE** shall utilize the forecast in its own efforts to project further facility requirements.

5.6 CLEC shall inform **SBC-12STATE** in writing thirty (30) days in advance of any change in CLEC's use of such SS7 Service which alters by ten percent (10%) for any thirty (30) day period the volume of signaling transactions by individual SS7 service that are planned by CLEC to be forwarded to **SBC-12STATE**'s network. CLEC shall provide in said notice the reason, by individual SS7 service, for the volume change.

6. BONAFIDE REQUEST PROCESS

6.1 Any request for SS7 service not addressed within this Appendix may be submitted to **SBC-12STATE** via the Bonafide Request ("BFR") process set forth in Appendix UNE.

7. DESCRIPTION OF RATE ELEMENTS SBC-AMERITECH

7.1 There are three types of charges that apply for SS7 Access. They are recurring, usage and nonrecurring charges. Recurring and nonrecurring charges apply for each port that is established on a STP. Usage charges apply for each Initial Address Message (IAM) or TCAP (excluding LIDB Access Service, 800 Access Service TCAP messages and LNP Database Access Query TCAP messages) message that is switched by the local STP and transported to an **SBC-AMERITECH** end office or for each IAM and TCAP message that is switched by the local STP in a hubbing arrangement.

7.2 Nonrecurring charges apply for the establishment of Originating Point Codes (OPC) and Global Title Address (GTA) Translations. An OPC charge applies for each OPC established, as well as each OPC added or changed subsequent to the establishment of STP Access. The OPC charge applies on a per service basis. A GTA Translation charge applies for each service or application (excluding LIDB Access Service and 800 Carrier-ID-Only Service) that utilizes TCAP messages. A GTA Translation charge also applies for each service (excluding LIDB Access Service and 800 Carrier-ID-Only Service) added or changed subsequent to the initial establishment of STP Access.

7.3 Signal Formulation

7.3.1 An IAM Formulation usage charge will be assessed for each IAM message formulated at the **SBC-AMERITECH** tandem for CLEC to **SBC-AMERITECH** terminated calls.

7.4 Signal Transport

7.4.1 An IAM Signal Transport usage charge will also be assessed for each IAM message that is transported from the local STP to the **SBC-AMERITECH** end office for terminating traffic. A TCAP Signal Transport usage charge will be assessed for each TCAP message that is transported from the local STP to the **SBC-AMERITECH** end office (excluding LIDB and 800 Access Service).

7.5 Signal Switching

7.5.1 An IAM Signal Switching usage charge will be assessed for each IAM message that is switched by the local STP for each IAM messages that is switched for direct routed terminating traffic. A TCAP Signal Switching usage charge will be assessed for each TCAP message that is switched by the local STP termination of non-call associated signaling messages (excluding LIDB and 800 Access Service).

7.6 Signal Tandem Switching

7.6.1 An IAM Signal Tandem Switching usage charge will be assessed for an IAM message that is switched by an **SBC-AMERITECH** STP and transported to an end office for tandem routed terminating traffic. When Signal Tandem Switching usage charges are assessed, Signal Switching and Signal Transport charges do not apply, except for SS7 Transport.

8. DESCRIPTION OF RATE ELEMENTS SBC-7STATE

8.1 The following rate elements apply to **SBC-7STATE** SS7 Service:

8.2 SS7 Transport

8.2.1 SS7 Transport shall be measured per octet of information screened and routed.

8.2.2 CLEC shall pay SS7 Transport Per Octet rate element for the screening and routing of messages by each additional **SBC-7STATE** STP pair. A usage rate applies per octet generated by action of CLEC.

8.2.3 SS7 Transport is not available in the **SBC-2STATE**.

8.3 Dedicated Signaling Links

8.3.1 SS7 Link Cross Connect

8.3.1.1 CLEC shall pay the DS-0 or DS-1 rate for the SS7 Link Cross Connect at the STP location for each Dedicated Signaling Link. Rates are per DS-0 and DS-1 bandwidth and per connection to unbundled dedicated facility or connection to a collocation cage. Rates are per month and nonrecurring installation per first or additional cross connects ordered and shall apply on a per order basis.

8.3.2 STP Port Termination

8.3.2.1 CLEC shall pay the STP Port Termination rate element for each termination of the SS7 Link Cross Connect at the **SBC-7STATE** STP. One STP Port Termination must be installed at **SBC-7STATE**'s interconnecting STP for each Dedicated Signaling Link.

8.3.2.2 There are two charges that apply to the STP Port Termination, i.e., a fixed recurring monthly rate per port termination and a nonrecurring installation charge per port.

8.3.3 STP Access Link

8.3.3.1 CLEC shall pay the STP Access Link rate element for each STP Access Link when the STP Access Link is provided. The charge includes a fixed rate per month plus a rate per mile per month.

8.4 Signaling Point Code Addition

8.4.1 CLEC shall pay the Signaling Point Code Addition rate element for the establishment and translation of each applicable CCS network signaling point code at a **SBC-7STATE** STP. CLEC shall pay a nonrecurring charge per SPC established at each STP.

8.5 Global Title Translation (GTT) Addition

8.5.1 CLEC shall pay the GTT Addition rate element for the establishment of CLEC's GTA, translation type or subsystem information in the **SBC-7STATE** STP translations. CLEC shall pay a nonrecurring charge per GTT established at each STP.

8.6 Use of the STP Per Call

8.6.1 CLEC shall pay the Use of the STP Per Call rate element for Use of the **SBC-7STATE** STP. The rate shall apply for each call originated by CLEC subscribers using the **SBC-7STATE** Local Switching Network Element. The rate is based on an assumed mean quantity of 200 octets of signaling used for each originated call times the STP Transport rate element.

8.6.2 The Use of the STP Per Call is a surrogate for STP Transport and Dedicated Signaling Links when CLEC uses the **SBC-7STATE** Local Switching network element.

9. APPLICABILITY OF OTHER RATES, TERMS AND CONDITIONS

9.1 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.

APPENDIX UNE

TABLE OF CONTENTS

1. INTRODUCTION 3

2. TERMS AND CONDITIONS 4

3. ACCESS TO UNE CONNECTION METHODS 8

4. ADJACENT LOCATION 10

5. BONA FIDE REQUEST 13

6. NETWORK INTERFACE DEVICE 15

7. LOCAL LOOP 16

8. LOCAL SWITCHING 18

9. INTEROFFICE TRANSPORT 21

10. OPERATIONS SUPPORT SYSTEMS FUNCTIONS 24

11. CROSS CONNECTS 24

12. RESERVATION OF RIGHTS 29

13. APPLICABILITY OF OTHER RATES, TERMS AND CONDITIONS 30

APPENDIX UNE
(UNBUNDLED NETWORK ELEMENTS)

1. INTRODUCTION

1.1 This Appendix, Unbundled Network Elements (UNE), sets forth the terms and conditions pursuant to which the applicable SBC Communications Inc. (SBC) owned Incumbent Local Exchange Carrier (ILEC) agrees to furnish CLEC with access to UNEs. CLECs seeking to provide local exchange service to End Users through use of multiple **SBC-ILEC** UNEs are responsible for performing the functions necessary to combine the Unbundled Network Elements it requests from **SBC-ILEC**. CLEC's shall not combine Unbundled Network Elements in a manner that will impair the ability of other Telecommunications Carriers to obtain access to Unbundled Network Elements or to Interconnect with **SBC-ILEC**'s network. **SBC-ILEC** has no obligation under the Act to combine UNEs. For information regarding deposit, billing, payment, non-payment, disconnect, and dispute resolution, see the General Terms and Conditions of this Agreement.

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, Nevada Bell Telephone Company, The Ohio Bell Telephone Company, Pacific Bell Telephone Company, The Southern New England Telephone Company, Southwestern Bell Telephone Company, and/or Wisconsin Bell, Inc. d/b/a Ameritech Wisconsin.

1.3 As used herein, **SBC-ILEC** means the applicable above listed ILECs doing business Arkansas, California, Connecticut, Illinois, Indiana, Kansas, Michigan, Missouri, Nevada, Ohio, Oklahoma, Texas, and Wisconsin.

1.4 The prices at which **SBC-ILEC** agrees to provide CLEC with Unbundled Network Elements (UNE) are contained in the applicable Appendix Pricing and/or the applicable Commissioned ordered tariff where stated.

1.5 **SBC-ILEC** has no obligation to provide access to any network element, or to provide terms and conditions associated with any network element, other than as expressly set forth in this Agreement.

1.6 **SBC-12STATE** - As used herein**,** **SBC-12STATE** means the applicable above listed ILEC(s) doing business in Arkansas, California, Illinois, Indiana, Kansas, Michigan, Missouri, Nevada, Ohio, Oklahoma, Texas, and Wisconsin.

1.7 **SBC-8STATE** - As used herein, **SBC-8STATE** means an applicable above listed ILEC(s) doing business in Arkansas, California, Connecticut, Kansas, Missouri, Nevada, Oklahoma, and Texas.

1.8 **SBC-7STATE** - As used herein, **SBC-7STATE** means the applicable above listed ILEC(s) doing business in Arkansas, California, Kansas, Missouri, Nevada, Oklahoma, and Texas.

1.9 **SBC-SWBT** - As used herein, **SBC-SWBT** means the applicable above listed ILEC(s) doing business in Arkansas, Kansas, Missouri, Oklahoma, and Texas.

1.10 **SBC-AMERITECH** - As used herein, **SBC-AMERITECH** means the applicable above listed ILEC(s) doing business in Illinois, Indiana, Michigan, Ohio, and Wisconsin.

1.11 **SBC-MOKA** - As used herein, **SBC-MOKA** means the applicable above listed ILEC doing business in Arkansas, Kansas, Missouri, and Oklahoma.

1.12 **PACIFIC** - As used herein, **PACIFIC** means the applicable above listed ILEC doing business in California.

1.13 **NEVADA** - As used herein, **NEVADA** means the applicable above listed ILEC doing business in Nevada.

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

2. TERMS AND CONDITIONS

2.1 **SBC-ILEC** and CLEC may agree to connect CLEC's facilities with **SBC-ILEC**'s network at any technically feasible point for access to UNEs for the provision by CLEC of a Telecommunications Service. (Act, Section 251 (c)(2)(B); 47 CFR Section 51.305(a)(2)(vi).

2.2 **SBC-ILEC** will provide CLEC nondiscriminatory access to UNEs (Act, Section 251(c)(3), Act, and Section 271(c)(2)(B)(ii); 47 CFR Section 51.307(a)):

2.2.1 At any technically feasible point (Act, Section 251(c)(3); 47 CFR Section 51.307(a));

2.2.2 At the rates, terms, and conditions which are just, reasonable, and nondiscriminatory (Act, Section 251(c)(3); 47 CFR Section 51.307(a));

2.2.3 In a manner that allows CLEC to provide a Telecommunications Service that may be offered by means of that UNE (Act, Section 251(c)(3); 47 CFR Section 51.307 (c);

2.2.4 In a manner that allows access to the facility or functionality of a requested network element to be provided separately from access to other elements, and for a separate charge (47 CFR Section 51.307(d));

2.2.5 With technical information regarding **SBC-ILEC**'s network facilities to enable CLEC to achieve access to UNEs (47 CFR Section 51.307(e));

2.2.6 Without limitations, restrictions, or requirements on requests that would impair CLEC's ability to provide a Telecommunications Service in a manner it intends (47 CFR Section 51.309(a));

2.2.7 In a manner that allows CLEC purchasing access to UNEs to use such UNE to provide exchange access service to itself in order to provide interexchange services to subscribers (47 CFR Section 51.309(b));

2.2.8 Where applicable, terms and conditions of access to UNEs shall be no less favorable than terms and conditions under which **SBC-ILEC** provides such elements to itself (47 CFR Section 51.313(b)).

2.2.9 Only to the extent it has been determined that these elements are required by the "necessary" and "impair" standards of the Act (Act, Section 251 (d)(2))

2.3 As provided for herein, **SBC-ILEC** will permit CLEC exclusive use of an unbundled network facility for a period of time, and when CLEC is purchasing access to a feature, function, or capability of a facility, **SBC-ILEC** will provide use of that feature, function, or capability for a period of time (47 CFR § 51.309(c)).

2.4 **SBC-ILEC** will maintain, repair, or replace UNEs (47 CFR § 51.309(c)) as provided for in this Agreement.

2.5 Where technically feasible, the quality of the UNE and access to such UNE shall be at least equal to what **SBC-ILEC** provides itself or any subsidiary, affiliate, or other party (47 CFR § 51.311(a), (b)).

2.6 Each Party shall be solely responsible for the services it provides to its End Users and to other Telecommunications Carriers.

2.7 UNEs provided to CLEC under the provisions of this Appendix shall remain the property of **SBC-ILEC**.

2.8 **SBC-ILEC** will not connect to or combine UNE's with any non-251 (c)(3) or other **SBC-ILEC** service offerings.

2.9 Provisioning/Maintenance of Unbundled Network Elements

2.9.1 Access to UNEs is provided under this Agreement over such routes, technologies, and facilities as **SBC-ILEC** may elect at its own discretion. **SBC-ILEC** will provide access to UNEs where technically feasible. Where facilities and equipment are not available, **SBC-ILEC** shall not be required to provide UNEs. However, CLEC may request and, to the extent required by law, **SBC-ILEC** may agree to provide UNEs, through the Bona Fide Request (BFR) process.

2.9.2 Subject to the terms herein, **SBC-ILEC** is responsible only for the installation, operation and maintenance of the Unbundled Network Elements it provides. **SBC-ILEC** is not otherwise responsible for the Telecommunications Services provided by CLEC through the use of those UNEs.

2.9.3 Where UNEs provided to CLEC are dedicated to a single End User, if such UNEs are for any reason disconnected they shall be made available to **SBC-ILEC** for future provisioning needs, unless such UNE is disconnected in error. The CLEC agrees to relinquish control of any such UNE concurrent with the disconnection of a CLEC's End User's service.

2.9.4 CLEC shall make available at mutually agreeable times the UNEs provided pursuant to this Appendix in order to permit **SBC-ILEC** to test and make adjustments appropriate for maintaining the UNEs in satisfactory operating condition. No credit will be allowed for any interruptions involved during such testing and adjustments.

2.9.5 CLEC's use of any **SBC-ILEC** UNE, or of its own equipment or facilities in conjunction with any **SBC-ILEC** network element, will not materially interfere with or impair service over any facilities of **SBC-ILEC**, its affiliated companies or its connecting and concurring carriers involved in its services, cause damage to their plant, impair the privacy of any communications carried over their facilities or create hazards to the employees of any of them or the public. Upon reasonable written notice and opportunity to cure, **SBC-ILEC** 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 UNE(s) causing the violation.

2.9.6 When a **SBC-ILEC** provided tariffed or resold service is replaced by CLEC's facility based service using any **SBC-ILEC** provided UNE(s), CLEC shall issue appropriate service requests, to both disconnect the existing service and connect new service to CLEC's End User. These requests will be processed by **SBC-ILEC**, and CLEC will be charged the applicable UNE service order charge(s), in addition to the recurring and

nonrecurring charges for each individual UNE and cross connect ordered. Similarly, when an End User is served by one CLEC using **SBC-ILEC** provided UNEs is converted to a different CLEC's service which also uses any **SBC-ILEC** provided UNE, the requesting CLEC shall issue appropriate service requests to both disconnect the existing service and connect new service to the requesting CLEC's End User. These requests will be processed by **SBC-ILEC** and the CLEC will be charged the applicable service order charge(s), in addition to the recurring and nonrecurring charges for each individual UNE and cross connect ordered.

2.9.7 CLEC shall connect equipment and facilities that are compatible with the **SBC-ILEC** Network Elements and shall use UNEs in accordance with the applicable regulatory standards and requirements referenced in this Agreement.

2.9.8 Unbundled Network Elements may not be connected to or combined with **SBC-ILEC** access services or other **SBC-ILEC** tariffed service offerings with the exception of tariffed Collocation services where available.

2.10 Performance of UNEs

2.10.1 Each UNE will be provided in accordance with **SBC-ILEC** Technical Publications or other written descriptions, if any, as changed from time to time by **SBC-ILEC** at its sole discretion.

2.10.2 Nothing in this Appendix will limit either Party's ability to modify its network through the incorporation of new equipment, new software or otherwise. Each Party will provide the other Party written notice of any upgrades in its network which will materially impact the other Party's service consistent with the timelines established by the FCC in the Second Report and Order, CC Docket 96-98.

2.10.3 **SBC-ILEC** may elect to conduct Central Office switch conversions for the improvement of its network. During such conversions, CLEC orders for unbundled network elements from that switch shall be suspended for a period of three days prior and one day after the conversion date, consistent with the suspension **SBC-ILEC** places on itself for orders from its customers.

2.10.4 CLEC will be solely responsible, at its own expense, for the overall design of its telecommunications services and for any redesigning or rearrangement of its telecommunications services which may be required because of changes in facilities, operations, or procedure of **SBC-ILEC**, minimum network protection criteria, or operating or maintenance characteristics of the facilities.

3. ACCESS TO UNE CONNECTION METHODS

3.1 This Section describes the connection methods under which **SBC-ILEC** agrees to provide CLECs with access on an unbundled basis to loops, switch ports, and dedicated transport and the conditions under which **SBC-ILEC** makes these methods available. These methods provide CLEC access to multiple **SBC-ILEC** UNEs which the CLEC may then combine. The methods listed below provide CLEC with access to UNEs without compromising the security, integrity, and reliability of the public switched network, as well as to minimize potential service disruptions.

3.1.1 Subject to availability of space and equipment, CLEC may use the methods listed below to access and combine loops, switch ports, and dedicated transport within a requested **SBC-ILEC** Central Office.

3.1.1.1 (Method 1)

SBC-ILEC will extend **SBC-ILEC** UNEs requiring cross connection to the CLEC's Physical Collocation Point of Termination (POT) when the CLEC is Physically Collocated, in a caged or shared cage arrangement, within the same Central Office where the UNEs which are to be combined are located.

3.1.1.2 (Method 2)

SBC-ILEC will extend **SBC-ILEC** UNEs that require cross connection to the CLEC's UNE frame located in the common room space, other than the Collocation common area, within the same Central Office where the UNEs which are to be combined are located.

3.1.1.3 (Method 3)

SBC-ILEC will extend **SBC-ILEC** UNEs to the CLEC's UNE frame that is located outside the **SBC-ILEC** Central Office where the UNEs are to combined in a closure such as a cabinet provided by **SBC-ILEC** on **SBC-ILEC** property.

3.2 The following terms and conditions apply to all methods when **SBC-ILEC** provides access pursuant to Sections 3.1.1.1 through 3.1.1.3:

3.2.1 Within ten (10) business days of receipt of a written request for access to UNEs involving three (3) or fewer Central Offices, **SBC-ILEC** will provide a written reply notifying the requesting CLEC of the method(s) of

access available in the requested Central Offices. For requests impacting four (4) or more Central Offices the Parties will agree to an implementation schedule for access to UNEs.

3.2.2 Access to UNEs via Method 1 is only available to Physically Collocated CLECs. Access to UNEs via Method 2 and Method 3 is available to both Collocated and Non-Collocated CLECs. Method 2 and Method 3 are subject to availability of **SBC-ILEC** Central Office space and equipment.

3.2.3 The CLEC may cancel the request at any time, but will pay **SBC-ILEC**'s reasonable and demonstrable costs for modifying **SBC-ILEC**'s Central Office up to the date of cancellation.

3.2.4 CLECs may elect to access **SBC-ILEC**'s UNEs through Physical Collocation arrangements.

3.2.5 CLEC shall be responsible for initial testing and trouble sectionalization of facilities containing CLEC installed cross connects.

3.2.6 CLEC shall refer trouble sectionalized in the **SBC-ILEC** UNE to **SBC-ILEC**.

3.2.7 Prior to **SBC-ILEC** providing access to UNEs under this Appendix, CLEC and **SBC-ILEC** shall provide each other with a point of contact for overall coordination.

3.2.8 CLEC shall provide all tools and materials required to place and remove the cross connects necessary to combine and disconnect UNEs.

3.2.9 All tools, procedures, and equipment used by CLEC to connect to **SBC-ILEC**'s network shall comply with technical standards set out in SBC Local Exchange Carrier Technical Document TP76299MP, to reduce the risk of damage to the network and customer disruption.

3.2.10 CLEC shall be responsible for CLEC's personnel observing **SBC-ILEC**'s site rules and regulations, including but not limited to safety regulations and security requirements, and for working in harmony with others while present at the site. If **SBC-ILEC** for any reasonable and lawful reason requests CLEC to discontinue furnishing any person provided by CLEC for performing work on **SBC-ILEC**'s premises, CLEC shall immediately comply with such request. Such person shall leave **SBC-ILEC**'s premises promptly, and CLEC shall not furnish such person again to perform work on **SBC-ILEC**'s premises without **SBC-ILEC**'s consent.

3.2.11 CLEC shall provide positive written acknowledgment that the

requirements stated in Section 3.2.10 have been satisfied for each employee requiring access to **SBC-ILEC** premises and/or facilities. **SBC-ILEC** identification cards will be issued for any CLEC employees who are designated by CLEC as meeting the necessary requirements for access. Entry to **SBC-ILEC** premises will be granted only to CLEC employees with such identification.

3.2.12 CLEC shall designate each network element being ordered from **SBC-ILEC**. CLEC shall provide an interface to receive assignment information from **SBC-ILEC** regarding location of the extended UNEs. This interface may be manual or mechanized.

3.2.13 **SBC-ILEC** will provide CLEC with contact numbers as necessary to resolve assignment conflicts encountered. All contact with **SBC-ILEC** shall be referred to such contact numbers.

3.2.14 The CLEC shall provide its own administrative Telecommunication Service at each facility and all materials needed by CLEC at the work site. The use of cellular telephones is not permitted in **SBC-ILEC** equipment areas.

3.2.15 Certain construction and preparation activities may be required to modify a building or prepare the premises for access to UNEs.

3.2.15.1 Where applicable, costs for modifying a building or preparing the premises for access to **SBC-ILEC** UNEs will be made on an individual case basis (ICB).

3.2.15.2 **SBC-ILEC** will provide Access to UNEs (floor space, floor space conditioning, cage common systems materials, and safety and security charges) in increments of one (1) square foot. For this reason, **SBC-ILEC** will ensure that the first CLEC obtaining Access to UNEs in a **SBC-ILEC** premises will not be responsible for the entire cost of site preparation and security.

3.2.15.3 **SBC-ILEC** will contract for and perform the construction and preparation activities using same or consistent practices that are used by **SBC-ILEC** for other construction and preparation work performed in the building.

4.* ADJACENT LOCATION

* Section 4.0 is available only in the state of California. Refer to INTERCONNECTION AGREEMENT: GENERAL TERMS AND CONDITIONS, Paragraph 2.10.1.

4.1 This Section describes the Adjacent Location Method for accessing UNEs. This Section also provides the conditions in which **PACIFIC** offers the Adjacent Location Method.

4.2 The Adjacent Location Method allows a CLEC to access loops, switch ports, and dedicated transport for a CLEC location adjacent to a **PACIFIC** Central Office as identified by **PACIFIC**. Under this method **PACIFIC** UNEs will be extended to the adjacent location, via copper cabling provided by the CLEC, which the CLEC can then utilize to provide Telecommunications Service.

4.3 This method requires the CLEC to provide copper cable, greater than 600 pairs, to the last manhole outside the **PACIFIC** Central Office. The CLEC shall provide enough slack for **PACIFIC** to pull the cable into the Central Office and terminate the cable on the Central Office Intermediate Distribution Frame (IDF).

4.4 The CLEC will obtain all necessary rights of way, easements, and other third party permissions.

4.5 The following terms and conditions apply when **PACIFIC** provides the adjacent location:

4.5.1 The CLEC is responsible for Spectrum Interference and is aware that not all pairs may be ADSL or POTS capable.

4.6 The installation interval applies on an individual application basis. The CLEC is responsible for paying all up front charges (nonrecurring and case preparation costs) before work will begin. This assumes that all necessary permits will be issued in a timely manner.

4.7 The CLEC will provide the excess cable length necessary to reach the **PACIFIC** IDF in the **PACIFIC** Central Office where CLEC requests connection.

4.8 The CLEC will be responsible for testing and sectionalization of facilities from the customer's location to the entrance manhole.

4.9 The CLEC should refer any sectionalized trouble determined to be in **PACIFIC**'s facilities to **PACIFIC**.

4.10 The CLEC's employees, agents and contractors will be permitted to have access to the CLEC's cable where it is delivered to **PACIFIC** (outside the entrance manhole). The CLEC is only able to enter the entrance manhole to splice under a duct lease agreement. If the CLEC leases ducts to get to the Central Office then CLEC has the right to splice the manholes on the route, including the entrance manhole.

4.11 In order for **PACIFIC** to identify the entrance manhole for the CLEC, the CLEC must specify the direction from which the cable originates. **PACIFIC** will verify that a vacant sleeve or riser duct exists at the entrance manhole. If none exists, construction of one will be required. If a vacant access sleeve or riser duct does not exist, and one must be constructed, the CLEC will pay for the construction on an Outside Plant Custom Work Order.

4.12 The CLEC will retain all assignment control. **PACIFIC** will maintain TIRKS records for cable appearance information on the horizontal and vertical appearance on the **PACIFIC** frame.

4.13 The CLEC will pay Time and Materials charges when **PACIFIC** dispatches personnel and failure is in the CLEC's facility.

4.14 **PACIFIC** will not assume responsibility for the quality of service provided over this special interconnection arrangement. Service quality is the responsibility of the CLEC. **PACIFIC** limits each CLEC to two building entrances. Two entrances allow for CLEC growth or a diverse path.

4.15 Prior to **PACIFIC** providing the Adjacent Location Method in this Appendix, the CLEC and **PACIFIC** shall provide each other with a single point of contact for overall coordination.

4.16 The Adjacent Location Method of Accessing UNEs only allows for copper cable termination.

5. BONA FIDE REQUEST

5.1 Bona Fide Request Process

5.1.1 A Bona Fide Request (**"BFR"**) is the process by which CLEC may request **SBC-ILEC** to provide CLEC access to an additional or new, undefined UNE, (a "Request"), that is required to be provided by **SBC-SWBT, SBC-AMERITECH, NEVADA** under the Act but is not available under this Agreement or defined in a generic appendix at the time of CLEC's request. For purposes of this Appendix BFR, a "Business Day means Monday through Friday, excluding Holidays observed by **SBC-ILEC**.

5.1.2 The BFR process set forth herein does not apply to those services requested pursuant to Report & Order and Notice of Proposed Rulemaking 91-141 (rel. Oct. 19, 1992) paragraph 259 and n. 603 and subsequent rulings.

5.1.3 All BFRs must be submitted with a BFR Application Form in accordance with the specifications and processes set forth in the sections of the (i)

CLEC Handbook, if one of the Parties is **SBC-SWBT**, **NEVADA**, **SNET** and (ii) TCNet.ameritech.com, if one of the Parties is **SBC-AMERITECH**. Included with the Application CLEC shall provide a technical description of each requested UNE or combination of UNEs, drawings when applicable, the location(s) where needed, the date required, and the projected quantity to be ordered with a 3 year forecast.

5.1.4 CLEC is responsible for all costs incurred by **SBC-ILEC** to review, analyze and process a BFR. When submitting a BFR Application Form, CLEC has two options to compensate **SBC-ILEC** for its costs incurred to complete the Preliminary Analysis of the BFR:

5.1.4.1 Include with its BFR Application Form a $2,000 deposit to cover **SBC-ILEC**'s preliminary evaluation costs, in which case **SBC-ILEC** may not charge CLEC in excess of $2,000 to complete the Preliminary Analysis; or

5.1.4.2 Not make the $2,000 deposit, in which case CLEC shall be responsible for all preliminary evaluation costs incurred by **SBC-ILEC** to complete the preliminary Analysis (regardless of whether such costs are greater or less than $2,000).

5.1.5 If CLEC submits a $2,000 deposit with its BFR, and **SBC-ILEC** is not able to process the Request or determines that the Request does not qualify for BFR treatment, then **SBC-ILEC** will return the $2,000 deposit to CLEC. Similarly, if the costs incurred to complete the Preliminary Analysis are less than $2,000, the balance of the deposit will, at the option of CLEC, either be refunded or credited toward additional developmental costs authorized by CLEC.

5.1.6 Upon written notice, CLEC may cancel a BFR at any time, but will pay **SBC-ILEC** its reasonable and demonstrable costs of processing and/or implementing the BFR up to and including the date **SBC-ILEC** received notice of cancellation. If cancellation occurs prior to completion of the preliminary evaluation, and a $2,000 deposit has been made by CLEC, and the reasonable and demonstrable costs are less than $2,000, the remaining balance of the deposit will be, at the option of the CLEC, either returned to CLEC or credited toward additional developmental costs authorized by CLEC.

5.1.7 **SBC-ILEC** will promptly consider and analyze each BFR it receives. Within ten (10) Business Days of its receipt **SBC-ILEC** will acknowledge receipt of the BFR and in such acknowledgement advice CLEC of the need for any further information needed to process the Request. CLEC acknowledges that the time intervals set forth in this Appendix begins

once **SBC-ILEC** has received a complete and accurate BFR Application Form and, if applicable, $2,000 deposit.

5.1.8 Except under extraordinary circumstances, within thirty (30) calendar days of its receipt of a complete and accurate BFR, **SBC-ILEC** will provide to CLEC a preliminary analysis of such Request (the **"Preliminary Analysis"**). The Preliminary Analysis will (i) indicate that **SBC-ILEC** will offer the Request to CLEC or (ii) advise CLEC that **SBC-ILEC** will not offer the Request. If **SBC-ILEC** indicates it will not offer the Request, **SBC-ILEC** will provide a detailed explanation for the denial. Possible explanations may be, but are not limited to: i) access to the Request is not technically feasible, ii) that the Request is not required to be provided by **SBC-ILEC** under the Act and/or, iii) that the BFR is not the correct process for the request.

5.1.9 If the Preliminary Analysis indicates that **SBC-ILEC** will offer the Request, CLEC may, at its discretion, provide written authorization for **SBC-ILEC** to develop the Request and prepare a "BFR Quote". The BFR Quote shall, as applicable, include (i) the first date of availability, (ii) installation intervals, (iii) applicable rates (recurring, nonrecurring and other), (iv) BFR development and processing costs and (v) terms and conditions by which the Request shall be made available. CLEC's written authorization to develop the BFR Quote must be received by **SBC-ILEC** within thirty (30) calendar days of CLEC's receipt of the Preliminary Analysis. If no authorization to proceed is received within such thirty (30) calendar day period, the BFR will be deemed canceled and CLEC will pay to **SBC-ILEC** all demonstrable costs as set forth above. Any request by CLEC for **SBC-ILEC** to proceed with a Request received after the thirty (30) calendar day window will require CLEC to submit a new BFR.

5.1.10 As soon as feasible, but not more than ninety (90) calendar days after its receipt of authorization to develop the BFR Quote, **SBC-ILEC** shall provide to CLEC a BFR Quote.

5.1.11 Within thirty (30) calendar days of its receipt of the BFR Quote, CLEC must either (i) confirm its order pursuant to the BFR Quote (ii) cancel its BFR and reimburse **SBC-ILEC** for its costs incurred up to the date of cancellation, or (iii) if it believes the BFR Quote is inconsistent with the requirements of the Act and/or this Appendix BFR, exercise its rights under Section 10 of the GTC. If **SBC-ILEC** does not receive notice of any of the foregoing within such thirty (30) calendar day period, the BFR shall be deemed canceled. CLEC shall be responsible to reimburse **SBC-ILEC** for its costs incurred up to the date of cancellation (whether affirmatively canceled or deemed canceled by CLEC).

5.1.12 Unless CLEC agrees otherwise, all rates and costs quoted or invoiced herein shall be consistent with the pricing principles of the Act.

5.1.13 If a Party believes that the other Party is not requesting, negotiating or processing a BFR in good faith and/or as required by the Act, or if a Party disputes a determination, or price or cost quote, such Party may seek relief pursuant to Section 10 of the GTC.

6. NETWORK INTERFACE DEVICE

6.1 The Network Interface Device (NID) is included as the terminating end of the loop. Fundamentally, the NID portion of the loop establishes the final (and official) network demarcation point between the loop and the End User's inside wire. Maintenance and control of the End User's inside wiring (on the End User's side of the NID) is under the control of the End User. Conflicts between telephone service providers for access to the customer's inside wire must be resolved by the customer. CLEC access to the NID is offered as specified below (**SBC-12STATE**) or by tariff (**SNET**).

6.2 **SBC-12STATE** will permit CLEC to connect its local loop to customers' inside wiring through **SBC-12STATE**'s NID. The requesting carrier must establish the connection to **SBC-12STATE**'s NID through an adjoining NID.

6.3 CLEC may connect to the customer's inside wire at the **SBC-12STATE** NID, as is, at no charge. Any repairs, upgrade and rearrangements to the NID required by CLEC will be performed by **SBC-12STATE** based on time and material charges. Such charges are reflected in the state specific Appendix PRICING. **SBC-12STATE**, at the request of CLEC, will disconnect the **SBC-12STATE** local loop from the NID, at charges reflected in the state specific Appendix Pricing.

6.4 With respect to multiple dwelling units or multiple-unit business premises, CLEC will provide its own NID, and will connect directly with the customer's inside wire, or may connect with the customers inside wire via **SBC-12STATE**'s NID where necessary.

6.5 The **SBC-12STATE** NIDs that CLEC uses under this Appendix will be existing NIDs installed by **SBC-12STATE** to serve its customers.

6.6 Upon request, **SBC-12STATE** will dispatch a technician to tag an existing End User's inside wire facilities on the End User's side of the NID. In such cases, a NID "Premise Visit" charge shall apply at charges reflected on Appendix Pricing.

6.7 CLEC shall not attach to or disconnect **SBC-12STATE**'s ground. CLEC shall not cut or disconnect **SBC-12STATE**'s loop from the NID and/or its protector. CLEC shall not cut any other leads in the NID.

7. LOCAL LOOP

7.1 Pursuant to applicable FCC rules, a local loop unbundled network element is a dedicated transmission facility between a distribution frame (or its equivalent) in a **SBC-ILEC** Central Office and the loop demarcation point at an Ed User premises. Where applicable, the local loop includes all wire within multiple dwelling and tenant buildings and campuses that provides access to End User premises wiring, provided such wire is owned and controlled by **SBC-ILEC**. The local loop network element includes all features, functions and capabilities of the transmission facility, including attached electronics (except those electronics used for the provision of advanced services, such as Digital Subscriber Line Access Multiplexers), and line conditioning. The local loop network element includes, but is not limited to DS1, DS3, fiber, and other high capacity loops to the extent required by applicable law, and where such loops are deployed in **SBC-ILEC** wire centers. CLEC agrees to operate each loop type within the technical descriptions and parameters accepted within the industry.

7.2 **SBC-12STATE** will provide at the rates, terms, and conditions set out in this Appendix and in the state specific Appendix Pricing, on the following:

7.2.1 2-Wire Analog Loop

7.2.1.1 A 2-Wire analog loop is a transmission path which supports analog voice frequency, voice band services with loop start signaling within the frequency spectrum of approximately 300 Hz and 3000 Hz.

7.2.1.2 If CLEC requests one or more unbundled Loops serviced by Integrated Digital Loop Carrier (IDLC) **SBC-12STATE** will, where available, move the requested unbundled Loop(s) to a spare, existing Physical or a universal digital loop carrier unbundled Loop at no additional charge to CLEC. If, however, no spare unbundled Loop is available, **SBC-12STATE** will within two (2) business days, excluding weekends and holidays, of CLEC's request, notify CLEC of the lack of available facilities.

7.2.2 4-Wire Analog Loop

7.2.2.1 A 4-Wire analog loop is a transmission path that provides a non-signaling voice band frequency spectrum of approximately 300 Hz to 3000 Hz. The 4-Wire analog loop provides separate transmit and receive paths.

7.2.3 2-Wire Digital Loop

7.2.3.1 A 2-Wire 160 Kbps digital loop is a transmission path which supports Basic Rate ISDN (BRI) digital exchange services. The 2-Wire digital loop 160 Kbps supports usable bandwidth up to 160 Kbps.

7.2.4 4-Wire Digital Loop

7.2.4.1 A 4-Wire 1.544 Mbps digital loop is a transmission path that will support DS1 service including Primary Rate ISDN (PRI). The 4-wire digital loop 1.544 Mbps supports usable bandwidth up to 1.544 Mbps.

7.2.5 DS3 Digital Loop

7.2.5.1 The DS3 loop provides a digital, 45 Mbps transmission facility from the **SBC-ILEC** Central Office to the end user premises. Such loop includes electronics on both ends of the loop to facilitate a DS3 signal path. There will be an electrical signal hand-off (coax) at the End User's premise and the central office.

7.3 Unbundled DS1 and DS3 loops may not be employed in combination with transport facilities to replace special access services or facilities, except consistently with the certification and other requirements of the Supplemental Order released and adopted by the FCC on November 24, 1999 in Docket No. 96-98 ("In the Matter of the Implementation of the Local Competition Provisions of the Telecommunications Act of 1996"), including but not limited to the requirement that significant local exchange traffic in addition to exchange access service, be provided to a particular customer over the facilities in compliance with the Supplemental Order, and with **SBC-ILEC**'s processes implementing the Supplemental Order.

8. LOCAL SWITCHING

8.1 The Unbundled Local Switching (ULS) capability is defined as:

8.1.1 line-side facilities, which include the connection between a Loop termination at the Main Distribution Frame and a switch line card;

8.1.2 trunk-side facilities, which include the connection between trunk termination at a trunk-side cross- connect panel and a switch trunk card; and

8.1.3 all features, functions, and capabilities of the switch available from the specific port type (line side or trunk side port), which include:

8.1.3.1 the basic switching function of connecting lines to lines, lines to trunks, trunks to lines, and trunks to trunks, as well as the same basic capabilities made available to ILEC customers, such as a telephone number, white page listing, and dial tone;

8.1.3.2 access to OS/DA and 9-1-1; and

8.1.3.3 all other features that the switch provides, including custom calling, CLASS features and Centrex.

8.2 Specific Terms and Conditions for Unbundled Local Switching (ULS)

8.2.1 Unbundled Local Switching utilizes routing instructions resident in the ILEC switch to direct all CLEC traffic. Specific terms and conditions relating to Unbundled Local Switching - Interim Shared Transport (ULS-IST) for **SBC-AMERITECH** is available in the Merger Conditions Appendix.

8.2.2 Vertical features, CLASS features, and other features resident in the ILEC switch are available under ULS. Refer to state specific Appendix Pricing for **SBC-7STATE**. Any features resident in the switch, but not offered and priced in this Agreement may be requested on a Bona Fide Request basis.

8.2.3 ULS as provided by **SBC-7STATE** and **SBC-AMERITECH** (ULS-IST) includes standard Central Office treatments (e.g., busy tones, vacant codes, fast busy, etc.), supervision and announcements.

8.3 Customized Routing

8.3.1 Custom Routing is available upon CLEC request to handle Operator Services, Directory Assistance, and/or other traffic as required by state jurisdiction based upon switch limitations. CLEC will pay the customized routing charges reflected in Appendix Pricing.

8.4 Unbundled Local Switching Usage Sensitive Rate Element

8.4.1 Usage rates will apply to Unbundled Local Switching on a per minute basis. See the Appendix Pricing for the state specific ULS rates (**SBC-7STATE**) and Section 18 of the Connecticut Service Tariff for **SNET**. See specific pricing for ULS-IST (**SBC-AMERITECH**) in the Merger Conditions Appendix.

8.5 Switch Ports

8.5.1 In **SBC-7STATE**, a Switch Port is a termination point in the end office switch. The charges for Switch Ports are reflected in state specific Appendix Pricing.

8.5.1.1 Line Switch Ports – **SBC-7STATE**

8.5.1.1.1 The Analog Line Port is a line side switch connection available in either a loop or ground start signaling configuration used primarily for switched voice communications.

8.5.1.1.2 The Analog Line Port can be provisioned with Centrex-like features and capabilities. When a CLEC wants to provide the Centrex-like port, a system establishment charge is applicable to translate the common block and system features in the switch.

8.5.1.1.3 The Analog Line Port can be provisioned with two-way, one-way-out, and one-way-in, directionality for PBX business applications.

8.5.1.1.4 ISDN Basic Rate Interface (BRI) Port-Is a 2-wire line side switch connection which provides two 64 kbps "B" (bearer) channels for circuit switched voice and/or data and on 16 kpbs "D" (delta) channel for signaling.

8.5.1.2 Trunk Side Switch Ports – **SBC-7STATE**

8.5.1.2.1 The Analog DID Trunk Port is a 2-wire trunk side switch port that supports Direct Inward Dialing (DID) capability for PBX business applications.

8.5.1.2.2 ISDN Primary Rate Interface (PRI) Trunk Side Port - is a trunk side switch connection that provides twenty-three 64 kbps "B" channels for digital voice and data and one 64 kbps "D" channel.

8.5.1.2.3 DS1 Trunk Port is a trunk side DS1 interface intended for digital PBX business applications.

8.5.2 Switch Ports are available for **SNET** pursuant to the Connecticut Access Service Tariff.

8.5.3 **SBC-AMERITECH** makes available Switch Ports in the ULS-IST in Merger Conditions Appendix. For the specific pricing for ULS-IST Switch Ports, refer to state specific **SBC-AMERITECH** Appendix Pricing.

8.6 Shared Transport

8.6.1 Shared Transport is an interoffice transmission path between two **SBC-ILEC** switches. Shared Transport permits the CLEC to access the interoffice network of **SBC-ILEC** for the origination and completion of calls to and from unbundled local switch ports or to other third party switches. The charges for Shared Transport are reflected in Appendix Pricing (**SBC-7STATE**) and Section 18 of the Connecticut Service Tariff for **SNET**. For specific terms and conditions and pricing for ULS-IST (**SBC-AMERITECH**), refer to the Merger Conditions Appendix.

8.7 Tandem Switching

8.7.1 Tandem Switching is defined as:

8.7.1.1 trunk-connect facilities, including but not limited to the connection between trunk termination at a cross-connect panel and a switch trunk card,

8.7.1.2 the basic switching function of connecting trunks to trunks; and

8.7.1.3 all technically feasible functions that are centralized in tandem switches (as distinguished from separate end-office switches), including but not limited to call recording, the routing of calls to operator services, and signaling conversion features.

8.7.2 The charges for Tandem Switching are reflected in Appendix Pricing (**SBC-12STATE**) and Section 18 of the Connecticut Service Tariff for **SNET**.

9. INTEROFFICE TRANSPORT

9.1 The Interoffice Transport (IOT) network element is defined as **SBC-12STATE** interoffice transmission facilities dedicated to a particular CLEC that provide telecommunications between Wire Centers owned by **SBC-12 STATE**, 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. SNET does not offer Interoffice Transport (IOT) under this agreement. (Refer to Section 18 of the Connecticut Tariff FCC No. 39.)

9.2 **SBC-12STATE** will be responsible for the engineering, provisioning, maintenance of the underlying equipment and facilities that are used to provide Interoffice Transport.

9.3 Unbundled Dedicated Transport

9.3.1 Unbundled Dedicated Transport (UDT) is an interoffice transmission path dedicated to a particular CLEC that provides telecommunications (when facilities exist and 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. The Parties agree that UDT may not be used to replace access services, except as otherwise specifically set out herein.

9.3.2 **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), OC12 (622.08 Mbps), and OC48 (2488.32 Mbps). **SBC-ILEC** will provide higher speeds to CLEC as they are deployed in the **SBC-12STATE** network.

9.3.3 UDT includes the following elements:

9.3.3.1 Interoffice Transport – Is a circuit between two **SBC-12STATE** Wire Centers.

9.3.3.2 Entrance Facility – Is a circuit from **SBC-12STATE** serving Wire Center to the CLEC's location.

9.3.3.3 Multiplexing – Is 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.

9.3.3.4 Other Optional features are outlined in Appendix Pricing.

9.4 Diversity

9.4.1 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.

9.4.2 **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

9.5 Digital Cross-Connect System (DCS)

9.5.1 **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.

9.6 Network Reconfiguration Service (NRS)

9.6.1 **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

9.7* **PACIFIC**

9.7.1 Cross Boundary UDT Meet Point Facilities Arrangements

9.7.1.1 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.

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

* Section 9.7 is available only in the State of California. Refer to INTERCONNECTION AGREEMENT: GENERAL TERMS AND CONDITIONS, Paragraph 2.10.1.

9.7.1.2.1 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.

9.7.1.2.2 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.

9.7.1.2.3 **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.

10. OPERATIONS SUPPORT SYSTEMS FUNCTIONS

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

11. CROSS CONNECTS

11.1 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.

11.2 **SBC-7STATE** will provide cross connects at the rates, terms, and conditions set forth in Appendix Pricing. Pricing for Sections 11.3, 11.4 and 11.5 for **SBC-AMERITECH** and **SNET** are provided as set forth in Appendix Pricing. For all other cross-connect pricing for **SBC-AMERITECH** and **SNET** refer to the applicable state tariff.

11.3 The applicable Loop cross connects to point of access for the purpose of CLEC combining a **SBC-ILEC** Loop with another **SBC-ILEC** UNE are as follows:

11.3.1 2-Wire Analog Loop to UNE Connection Methods point of access

11.3.2 4 -Wire Analog Loop to UNE Connection Methods point of access

11.3.3 2 -Wire Digital Loop to UNE Connection Methods point of access

11.3.4 4 -Wire Digital Loop to UNE Connection Methods point of access

11.3.5 DS3 Digital Loop to UNE Connection Methods points of access

11.3.6 DSL Shielded cross connect to UNE Connection Methods point of access

11.3.7 2-Wire DSL non-shielded cross connect to UNE Connection Methods point of access.

11.3.8 4-Wire DSL non-shielded cross connect to UNE Connection Methods point of access.

11.4 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-ILEC** UNE are as follows:

11.4.1 DS-1 UDT to UNE Connection Methods point of access

11.4.2 DS-3 UDT to UNE Connection Methods point of access

11.5 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-ILEC** UNE are as follows:

11.5.1 Analog Line Port to UNE Connection Methods point of access

11.5.2 ISDN Basic Rate Interface (BRI) Line Port to UNE Connection Methods point of access.

11.5.3 ISDN Primary Rate Interface (PRI) Trunk Port to UNE Connection

Methods point of access

11.5.4 Analog DID Trunk Port

11.5.5 DS1 trunk port to UNE Connection Methods point of access

11.6 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:

11.6.1 2-Wire Analog Loop to Collocation

11.6.2 2-Wire Analog Loop to Collocation (without testing)

11.6.3 4-Wire Analog Loop to Collocation

11.6.4 4-Wire Analog Loop to Collocation (without testing)

11.6.5 2-Wire Digital Loop to Collocation

11.6.6 2-Wire Digital Loop to Collocation (without testing)

11.6.7 4-Wire Digital Loop to Collocation

11.6.8 4-Wire Digital loop to Collocation (without testing)

11.6.9 DSL Shielded Cross Connect to Collocation

11.6.10 2-Wire DSL non-shielded cross connect to Collocation

11.6.11 4-Wire DSL non-shielded cross connect to Collocation

11.6.12 DS3 Loop optical cross connect to collocation

11.7 The applicable dedicated transport cross connects for the purpose of CLEC connecting a **SBC-SWBT** and **NEVADA** dedicated transport UNE to a CLEC's Collocated facilities are as follows (cross Connects to Collocation are tariffed in **SBC-AMERITECH** and **SNET**):

11.7.1 DS-1 UDT to Collocation

11.7.2 DS-3 UDT Collocation

11.7.3 OC-3 UDT to Collocation

11.7.4 OC-12 UDT to Collocation

11.7.5 OC-48 UDT to Collocation

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

11.8.1 Analog Line Port to Collocation

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

11.8.3 Primary Rate Interface (PRI) Trunk Port to Collocation

11.8.4 Analog DID Trunk Port to Collocation

11.8.5 DS1 Trunk Port to Collocation

11.9* The applicable cross connects for the purpose of a CLEC connecting a **PACIFIC** Loop, UDT or Switch Port UNE to a CLECs Collocated facility are as follows:

11.9.1 Voice Grade/ISDN EISCC

11.9.2 DS-0 EISCC

11.9.3 DS-1 EISCC

11.9.4 DS-3 EISCC

11.10* 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 CLECs own facilities for are as follows:

11.10.1 2 -Wire Analog Loop to Adjacent Location Method point of access

11.10.2 4 -Wire Analog Loop to Adjacent Location Method point of access

11.10.3 2 -Wire Digital Loop to Adjacent Location Method point of access

11.10.4 4 -Wire Digital Loop to Adjacent Location Method point of access

11.10.5 DSL shielded Cross Connect to Adjacent Location point of access

* Sections 11.9 through 11.12 are available only in the State of California. Refer to INTERCONNECTION AGREEMENT: GENERAL TERMS AND CONDITIONS Paragraph 2.10.1

11.11* 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 CLECs own facilities as follows:

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

11.11.2 DS-3 to the Adjacent Location Method point of access

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

11.12.1 Analog Line Port to Adjacent Location Method to point of access

11.12.2 ISDN BRI Port to Adjacent Location Method to point of access

11.12.3 ISDN PRI Trunk Port to Adjacent Location Method point of access

11.13 Cross Connects, required for the UNE platform (UNE-P), 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:

11.13.1 2 -Wire Analog Loop to Analog line Port

11.13.2 2 -Wire Digital Loop to ISDN BRI Port

11.14 Maintenance of Elements

11.14.1 If trouble occurs with unbundled network elements provided by **SBC-ILEC**, 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-ILEC**'s equipment and/or facilities, CLEC will issue a trouble report to **SBC-ILEC**.

11.14.2 CLEC shall pay Time and Material charges (maintenance of service charges/additional labor charges) when CLEC reports a suspected failure of a network element and **SBC-ILEC** dispatches personnel to the End User's premises or a **SBC-ILEC** Central Office and trouble was not caused by **SBC-ILEC**'s facilities or equipment. Time and Material charges will include all technicians dispatched, including technicians dispatched to other locations for purposes of testing. Rates of Time and Material charges will be billed at amounts equal to those contained in the applicable state tariffs.

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

11.14.4 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.

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

11.14.6 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-ILEC** performed during normally scheduled working hours on a normally scheduled workday. Overtime is work-related efforts of **SBC-ILEC** performed on a normally scheduled workday, but outside of normally scheduled working hours. Premium Time is work related efforts of **SBC-ILEC** performed other than on a normally scheduled workday.

11.14.7 If CLEC requests or approves a **SBC-ILEC** 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.

12. RESERVATION OF RIGHTS

12.1 **SBC-ILEC**'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). Both Parties reserve the 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, based upon any action by any

telecommunications carrier, 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 invalidated, modified or stayed as required to immediately effectuate the subject order upon written request of either Party. In such event, the Parties shall expend diligent efforts to arrive at an agreement on the modifications required to the Agreement to immediately effectuate such order. If negotiations fail, 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.

13. APPLICABILITY OF OTHER RATES, TERMS AND CONDITIONS

13.1 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.

APPENDIX WP

TABLE OF CONTENTS

1. INTRODUCTION 3

2. SERVICE PROVIDED 4

3. USE OF SUBSCRIBER LISTING INFORMATION 5

4. PRICING 6

5. ASSIGNMENT 6

6. LIABILITY 7

7. BREACH OF CONTRACT 7

8. TERM 8

9. APPLICABILITY OF OTHER RATES, TERMS AND CONDITIONS 8

APPENDIX WP
(WHITE PAGES DIRECTORY)

1. INTRODUCTION

1.1 This Appendix sets forth terms and conditions that shall apply to switched-based CLEC's or CLECs leasing unbundled switched ports for End User Listings in White Page directories provided by the applicable SBC Communications Inc. (SBC) owned Incumbent Local Exchange Carrier (ILEC) and 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, Nevada Bell Telephone Company, The Ohio Bell Telephone Company, Pacific Bell Telephone Company, The Southern New England Telephone Company, Southwestern Bell Telephone Company and/or Wisconsin Bell, Inc. d/b/a Ameritech Wisconsin.

1.3 As used herein, **SBC-ILEC** means the applicable above listed ILEC(s) doing business in Arkansas, California, Connecticut, Illinois, Indiana, Kansas, Michigan, Missouri, Nevada, Ohio, Oklahoma, Texas, and Wisconsin.

1.4 As used herein, **SBC-AMERITECH** means the applicable above listed ILEC(s) doing business in Illinois, Indiana, Michigan, Ohio, and Wisconsin.

1.5 As used herein, **SBC-8STATE** means the above listed ILEC's doing business in Missouri, Oklahoma, Arkansas, Kansas, Texas, California, Nevada, and Connecticut.

1.6 The prices at which **SBC-ILEC** agrees to provide CLEC with White Page services are contained in the applicable Appendix Pricing and/or the applicable Commissioned ordered tariff where stated.

1.7 **SBC-AMERITECH** –Except where expressly stated, the terms and conditions for switch-based CLECs, CLEC's leasing unbundled switch ports, and conditions for including CLEC End User listings in **SBC-AMERITECH** White Page directories as well as distribution of such directories to CLEC and/or CLEC End User's is a product offering available through a non-regulated subsidiary of **SBC-AMERITECH**.

2. SERVICE PROVIDED

2.1 **SBC-8STATE** publishes White Pages (WP) directories for geographic areas in which CLEC also provides local exchange telephone service, and CLEC wishes to include alphabetical listings information for its End Users in the appropriate **SBC-8STATE** White Pages directories.

2.2 CLEC also desires distribution to its End Users of the WP directories that include listings of CLEC's End Users.

2.3 Subject to **SBC-8STATE**'s practices, as well as the rules and regulations applicable to the provision of WP directories, **SBC-8STATE** will include in appropriate WP directories the primary alphabetical listings of all CLEC End Users located within the local directory scope. The rules, regulations and **SBC-8STATE** practices are subject to change from time to time.

2.4 Prior to the issuance of a particular directory and at such time or times as may be mutually agreed, the CLEC shall furnish to **SBC-8STATE**, in a form acceptable to both Parties, subscriber listing information pertaining to CLEC End Users located within the local directory scope, along with such additional information as **SBC-8STATE** may require to prepare and print the alphabetical listings of said directory.

2.5 CLEC may provide CLEC's subscriber listing information to **SBC-8STATE** for inclusion in the WP directory via either a mechanical or manual feed of the listing information to **SBC-8STATE**'s directory listing database.

2.6 CLEC may choose to have its End User listings alphabetically interfiled (interspersed) **SBC-8STATE** subscriber listings or published in a separate section of the WP directory. **SBC-8STATE**, at its option, may impose an additional charge associated with separating CLEC End User listings and publishing them in a separate section of the WP directories. Sixty (60) days prior to the business office close date for a particular directory, **SBC-8STATE** shall provide CLEC a verification list of its subscriber listings, as such listings are to appear in the directory. The verification list shall also include Directory Delivery Address information for each CLEC End User. CLEC shall review this verification list and shall submit to **SBC-8STATE** any necessary additions, deletions or modifications within thirty (30) calendar days of the directory close date.

2.7 Each CLEC subscriber will receive one copy per primary End User listing of **SBC-8STATE** White Pages directory in the same manner and at the same time that they are delivered to **SBC-8STATE**'s subscribers during the annual delivery of newly published directories**.** **SBC-8STATE** has no obligation to provide any additional White Page directories above the directories provided to CLEC or CLEC customers after each annual distribution of newly published White Pages.

For White Page directories and/or White Page directories that are co-bound with Yellow Pages, CLEC may provide to **SBC-8STATE** written specifications of the total number of directories that it will require, at least sixty (60) days prior to the directory close. In that event, **SBC-8STATE** will deliver the remaining directories included in the CLEC's order in bulk to an address specified by the CLEC.

2.8 **SBC-8STATE** will provide CLEC with 1/8th page in each directory (where the CLEC has or plans to have local telephone exchange customers) for the CLEC to include CLEC specific-information (i.e., business office, residence office, repair bureau, etc.) in the WP directory on an "index-type" informational page. No advertising will be permitted on such informational page. This page will also include specific information pertaining to other CLECs. At its option, CLEC shall provide **SBC-8STATE** with its logo and information in the form of a camera-ready copy, sized at 1/8th of a page. The content of CLEC's camera-ready copy shall be subject to **SBC-8STATE** approval. In those directories in which **SBC-8STATE** includes Spanish Customer Guide Pages, this informational page will also be provided in Spanish at CLEC's request, subject to the guidelines set forth above.

2.9 At its request, CLEC may purchase "Informational Page(s)" in the informational section of the WP directory covering a geographic area where CLEC provides local telecommunications exchange service. Such page(s) shall be no different in style, size, color and format than **SBC-8STATE** "Informational Pages". Sixty (60) calendar days prior to the directory close date, the CLEC shall provide to **SBC-8STATE** the "Informational Page" in the form of camera-ready copy.

3. USE OF SUBSCRIBER LISTING INFORMATION

3.1 CLEC authorizes **SBC-ILEC** to include and use the subscriber listing information provided to **SBC-ILEC** pursuant to this Appendix in **SBC-ILEC**'s appropriate printed WP directory and **SBC-ILEC**'s directory assistance databases. Included in this authorization is the exchange of extended area service listings **SBC-ILEC** provides for Independent Company directory publications and release of CLEC listings to requesting competing carriers as required by Section 271(c)(2)(B)(vii)(II) and Section 251(b)(3) and any applicable state regulations and orders. Also included in this authorization is **SBC-ILEC**'s use of CLEC's subscriber listing information in **SBC-ILEC**'s current and future directory assistance and directory assistance related products and services.

3.2 At CLEC's written request, **SBC-8STATE** shall transmit CLEC's End User listing information to designated third party directory publishers (limited to publishers that **SBC-8STATE** transmits its own listing information) for a one-time administrative fee of one hundred dollars ($100.00) per occurrence, per directory publisher.

4. PRICING

4.1 The rates for the services described herein are identified on Exhibit I attached hereto and incorporated by reference. If CLEC provides its subscriber listing information to **SBC-8STATE**'s listings database, **SBC-8STATE** will assess a per book copy, per subscriber line, charge at the time newly published directories are distributed to CLEC End Users listed in the directory, plus an annual, per book copy charge at the time directories are delivered in bulk to CLEC. Included in this rate, CLEC will receive for its End User, one primary listing in **SBC-8STATE**'s WP directory, a listing in **SBC-8STATE**'s directory assistance database and, at the time of annual distribution of newly published directories, one copy of the directory provided to either CLEC's End Users, or in bulk to the CLEC location. **SBC-8STATE** has no obligation to warehouse WP directories for CLEC or provide WP directories to CLEC's End Users subsequent to the annual distribution of newly published directories.

4.2 **SBC-8STATE** has no obligation to provide any additional WP directories above the number of directories forecast by CLEC per Section 2.5 above. While **SBC-8STATE** has no obligation to provide WP directories to CLEC or CLEC End Users after the annual distribution of newly published directories, **SBC-8STATE** will in good faith attempt to accommodate CLEC requests for "Subsequent" directory orders (orders placed after the initial order/forecast is provided - see Section 2.5 above). Orders for directories above the forecast number(s) will be filled subject to availability. In such event, **SBC-8STATE** will provide the directories in bulk to CLEC and will assess a per book charge.

4.3 Where a CLEC End User requires additional listings to appear in the WP directory, **SBC-8STATE** will assess CLEC a charge for such listings at existing **SBC-8STATE** tariff rates. An additional charge at **SBC-8STATE**'s tariff rate applies when CLEC wishes to list an End User in **SBC-8STATE**'s directory assistance database but does not wish to have its End-User listed in **SBC-8STATE**'s WP directory. In addition, for those CLEC End Users served by CLEC via a **SBC-8STATE** unbundled switch port, CLEC may elect to have its End User unlisted and the listing not published in **SBC-8STATE**'s WP directory at **SBC-8STATE**'s tariff rate for those nonpublished, nonlisted services.

4.4 For inclusion of the CLEC "Informational Page" in the WP directory**,** **SBC-8STATE** shall charge the CLEC an annual fee for inclusion in the Metropolitan area book.

5. ASSIGNMENT

5.1 Except as stated in Section 3 herein, **SBC-8STATE** shall not sublicense, assign, sell or transfer the subscriber listing information provided hereunder, nor shall

SBC-8STATE authorize any other company or any person to use the subscriber listing information for any other purpose. **SBC-8STATE** shall take appropriate measures to guard against any unauthorized use of the listings provided to it hereunder (at least the same measures **SBC-8STATE** takes to protect its own listings from unauthorized use), whether by **SBC-8STATE**, its agents, employees or others.

6. LIABILITY

6.1 CLEC hereby releases **SBC-8STATE** from any and all liability for damages due to errors or omissions in CLEC's subscriber listing information as provided to **SBC-8STATE** under this Appendix, and/or CLEC's subscriber listing information as it appears in the WP directory, including, but not limited to, special, indirect, consequential, punitive or incidental damages.

6.2 CLEC shall indemnify, protect, save harmless and defend **SBC-8STATE** (or **SBC-8STATE**'s officers, employees, agents, assigns and representatives) from and against any and all losses, liability, damages and expense arising out of any demand, claim, suit or judgment by a third party in any way related to any error or omission in CLEC's subscriber listing information, including any error or omission related to non-published or non-listed subscriber listing information. CLEC shall so indemnify regardless of whether the demand, claim or suit by the third party is brought jointly against CLEC and **SBC-8STATE**, and/or against **SBC-8STATE** alone. However, if such demand, claim or suit specifically alleges that an error or omission appears in CLEC's subscriber listing information in the WP directory, **SBC-8STATE** may, at its option, assume and undertake its own defense, or assist in the defense of the CLEC, in which event the CLEC shall reimburse **SBC-8STATE** for reasonable attorney's fees and other expenses incurred by **SBC-8STATE** in handling and defending such demand, claim and/or suit.

6.3 This Appendix shall not establish, be interpreted as establishing, or be used by either Party to establish or to represent their relationship as any form of agency, partnership or joint venture. Neither Party shall have any authority to bind the other nor to act as an agent for the other unless written authority, separate from this Appendix, is provided. Nothing in the Appendix shall be construed as providing for the sharing of profits or losses arising out of the efforts of either or both of the Parties. Nothing herein shall be construed as making either Party responsible or liable for the obligations and undertakings of the other Party.

7. BREACH OF CONTRACT

7.1 If either Party is found to have materially breached this Appendix, the non-breaching Party may terminate the Appendix by providing written notice to the breaching Party, whereupon this Appendix shall be null and void with respect to

any issue of **SBC-8STATE**'s WP directory published sixty (60) or more calendar days after the date of receipt of such written notice.

8. TERM

8.1 This Appendix shall continue in force for one (1) year until terminated by sixty-(60) calendar days prior written notice by either Party to the other. Upon termination, **SBC-8STATE** shall cease using, for any purpose whatsoever, the subscriber listing information provided hereunder by CLEC, and shall promptly return such subscriber listing information to the CLEC.

8.2 Upon termination of the interconnection Agreement, this Appendix will be null and void with respect to any issue of directories published thereafter, except that the indemnification provided by Section 6 herein shall continue with respect to any directory published within sixty (60) calendar days of termination.

9. APPLICABILITY OF OTHER RATES, TERMS AND CONDITIONS

9.1 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.

APPENDIX WP

EXHIBIT I
PRICE LIST

Directory White Pages Price Sheet				
Directory	**Price Per Book Copy Delivered in Bulk to CLEC**	**Price Per Book Copy Delivered to CLEC End User**	**Price Per Single Sided Informational Page**	**Price Per Book Copy[1] Ordered After Initial Order**

1 Subject to Availability

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 7

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 a 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.

APPENDIX CH

TABLE OF CONTENTS

1. INTRODUCTION 3

2. CLEARINGHOUSE DESCRIPTION 4

3. QUALIFYING MESSAGE CRITERIA 4

4. RESPONSIBILITIES OF THE PARTIES 4

5. PROCESSING CHARGE 5

6. BILLING CHARGE 5

7. SETTLEMENT REPORT 5

8. RETROACTIVE AND LOST MESSAGES 5

9. LIMITATION OF LIABILITY 6

10. DISCLAIMER OF WARRANTIES 6

11. APPLICABILITY OF OTHER RATES, TERMS AND CONDITIONS 6

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, Nevada Bell Telephone Company, The Ohio Bell Telephone Company, Pacific Bell Telephone Company, The Southern New England Telephone Company, 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.

APPENDIX HOSTING

TABLE OF CONTENTS

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

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:
Lynne Sachs, Account Manager
SNET Diversified Group, Inc.
530 Preston Ave.
Meriden, CT 06450
Ls5275@ctmail.snet.com
205-634-6370

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, Nevada Bell Telephone Company, The Ohio Bell Telephone Company, Pacific Bell Telephone Company, The Southern New England Telephone Company, 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 26th of the current month through the 25th of the following month.

2.2 **"Centralized Message Distribution System" (CMDS)** – means all the applications located in the Telcordia Technologies St. Louis facility are used for the exchange of data 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 (Ameritech)
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 company
2.3.19 Mountain Bell Telephone Company
2.3.20 Pacific Bell Telephone Company
2.3.21 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" (<u>SBC-SWBT</u> 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 message 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 **SBC-7STATE**. 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 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 – CLEC must provide 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 with **SBC-AMERITECH** advise Telcordia Technologies to convert to a hosted status.

4.1.6 ILEC - For out-of- **SBC-AMERITECH** region properties, CLEC must provide to **SBC-AMERITECH** a Full-Status Revenue Accounting Office (RAO) code which has been assigned by Telcordia Technologies (previously Bellcore) for each geographical area in which the Customer operates. For properties within the **SBC-AMERITECH** region, CLEC must negotiate an acceptable RAO code with **SBC-AMERITECH**.

4.1.7 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.

4.1.8 CLEC - 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.

4.1.9 ILEC - If access records are received from out of the **SBC-AMERITECH** region, **SBC-AMERITECH** shall collect these records and distribute to the CLEC. Such records may be either detail or summary access records. Should CLEC desire collection and distribution of in **SBC-AMERITECH** region records, such services shall be covered by the **Meet Point Billing Agreement**.

4.1.10 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.

4.1.11 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.

4.1.12 (ILEC only) CLEC may request changes to existing services and/or the provision of new services pursuant to the procedures detailed in Exhibit B.

4.2 (**SBC-AMERITECH**) – (CLEC only) 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 I in to the CLEC's monthly invoice.

4.2.2 (ILEC only) **SBC-AMERITECH** shall not provide ICS settlement. CLEC is responsible for continuing settlement processes with the other LECs, including **SBC-AMERITECH**, in those territories in which the CLEC provides service.

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** 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 (ILEC only) **SBC-AMERITECH** shall not provide ICS settlement. CLECs are responsible for continuing settlement processes with the other LECs, including **SBC-AMERITECH**, in those territories in which the CLEC provides service

4.3.6 (ILEC only) **SBC-AMERITECH** shall not provide NICS settlement. CLEC is responsible for continuing settlement processes with the other LECs, including **SBC-AMERITECH**, in those territories in which the CLEC provides service.

4.3.7 For calls originating and billing within a non- **SBC-AMERITECH**, 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 Exhibit A.

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 Exhibit A, Price Schedule.

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 Exhibit A. 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.

Exhibit A
Hosting Price Schedule
SBC-AMERITECH

1. Start-Up Fee:

One year term	$28,000
Two year term	$20,000
Three year term	$16,000

One time fee for enabling the **SBC-AMERITECH** billing systems to accept CLEC's data and aggregate for distribution.

Included in the startup fee is one training session for HOSTING.

2. Basic Price Components – CLEC/ILEC in Region:

A. Message distribution Fees:
1) Monthly transmission fee $250

B. ICS Settlement (CLEC only)
1) Monthly settlement processing fee $200

3. Basic Price Components - ILEC:

A. Message distribution Fees:
1) CLEC will pay **SBC-AMERITECH** according a negotiated price schedule based on message volumes and/or a minimum payment per month.

i.e.: Number of Messages per Month	Rate per Message
0 – xxx	.xx
xxxx – xxxx	.xx
xxxx – xxxx	.xx
xxxx – xxxx	.xx
xxxx – xxxx	.xx
xxxx – xxxx	.xx
over xxxx	.xx

Consulting $150/hour

Hourly rate for customer requesting additional assistance outside of the daily exchange of data i.e. additional training or CLEC processing problems. (There is a minimum two (2) hour charge for each request)

Exhibit A
Hosting Price Schedule
SBC-SWBT

Per record charge for billable message records and/or access usage records that are received from the CLEC and destined to another location for billing.

Per Record Charge

Full Status RAO Company	
Hosting Company Network	$.0020
National CMDS Network	$.0050
Non-Full Status RAO Company	
Hosting Company Network	$.0070
National CMDS Network	$.0100

Per record charge for billable message records and/or access usage records in situations where the Hosting Company, performing a transfer service, provides this message data received from other LECs or from CMDS on magnetic tape or date file for delivery to the CLEC.

Per Record Charge	$.0030

Exhibit B
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 describe 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 LIDB – AS

TABLE OF CONTENTS

1. INTRODUCTION 3

2. DEFINITIONS 3

3. GENERAL DESCRIPTION 4

4. SERVICE DESCRIPTION 4

5. MANNER OF PROVISIONING 12

6. BILLING 16

7. COMPENSATION OPTION 16

8. PRICE AND PAYMENT 19

9. CONFIDENTIALITY 19

10. LIABILITY 19

11. DISCLAIMER OF WARRANTIES 20

12. APPLICABILITY OF OTHER RATES, TERMS AND CONDITIONS 21

APPENDIX LIDB-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 **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 Company and/or Wisconsin Bell, Inc. d/b/a Ameritech Wisconsin.

1.3 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.

1.4 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.

1.5 As used herein, **SBC-SWBT** means the applicable above listed ILECs doing business in Arkansas, Kansas, Missouri, Oklahoma, and Texas.

1.6 As used herein, **SBC-AMERITECH** means the applicable above listed ILECs doing business in Illinois, Indiana, Michigan, Ohio, and Wisconsin.

1.7 As used herein, **PACIFIC** means the applicable above listed ILECs doing business in California.

1.8 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, the database is the line number and related line information.

2.2 **"Data 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 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.

2.6 **"Validation Information"** means a Data Owner's records of all of its Calling Card Service and Toll Billing Exception Service.

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.

4. SERVICE DESCRIPTION

4.1 Unbundled electronic access to the LIDB SMS provides CLEC with the capability to access, create, modify or update CLEC's Line Record Information in LIDB when such records are associated with CLEC's subscriber accounts that are provided only on CLEC's own end office switch.

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. This includes, but is not limited to, **SBC-12STATE** retail accounts, CLEC's accounts administered by **SBC-12STATE** based on Local Service Requests, and resold accounts.

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 administrative systems 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 administrative system. **SBC-SWBT** also provides the Service Order Entry Interface to requesting CLECs that use **SBC-SWBT**'s UNE local switch ports. **PACIFIC**, **SBC-AMERITECH**, and **SNET** will also provide 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 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 administrative system 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.

4.3.1.5 CLEC understands and agrees that its access to **SBC-12STATE**'s LIDB administrative system through the Service Order Entry Interface will be limited to its subscribers' Line Records that are not assigned to **SBC-12STATE** for administration.

4.3.2 Interactive Interface

4.3.2.1 The Interactive Interface provides CLEC with unbundled access to **PACIFIC**'s and **SBC-SWBT**'s LIDB administrative systems that is equivalent to **PACIFIC**'s and **SBC-SWBT**'s access at its LIDB DBAC. Interactive Interface provides CLEC with the ability to have its own personnel access CLEC's records via an application screen that is presented on a computer monitor. Once CLEC has accessed one of its Line Records, CLEC can perform all of the data administration tasks **PACIFIC**'s and/or **SBC-SWBT**'s LIDB DBAC personnel can perform on **PACIFIC**'s and/or **SBC-SWBT**'s own Line Records. **SBC-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 administrative system through the Interactive Interface will be limited to CLEC's subscribers' Line Records that are not assigned to **PACIFIC** and/or **SBC-SWBT** for administration.

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 administrative system. CLEC does not gain access to any 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 administrative system 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 Tape Load Facility Interface

4.4.1 Tape Load Facility Interface provides CLEC with unbundled access to Tape Load facilities in those **SBC-12STATE** ILECs that use such facilities to load data into LIDB and/or the LIDB administrative system. **SBC-SWBT** is the only **SBC-12STATE** ILEC that uses Tape Loads.

4.4.2 Tape Load Facility Interface allows CLEC to create and submit magnetic tapes for input into a LIDB administrative system and/or LIDB.

4.4.3 Tape Load Facility Interface is available only for special occurrences, such as CLEC's initial load of data, updating CLEC's entire data store for a new LIDB capability, and when CLEC's updates exceed one hundred thousand (100,000) Line Records over and above CLEC's normal daily update processing.

4.4.4 CLEC can choose one of two options for using the Tape Load Facility Interface. These options are the Single Tape Option and the Multiple Tape Option.

4.4.5 Single Tape Option

4.4.5.1 CLEC will create and deliver one set of tape(s) to **SBC-SWBT**'s Line Validation Administration System (LVAS) System Administrator. Upon receipt of the tapes, **SBC-SWBT** will load CLEC's updates into LVAS. CLEC will limit each tape to 500,000 (five hundred thousand) Line Records or less. **SBC-SWBT** will use these tapes to update or create CLEC's records in LVAS. **SBC-SWBT** will then pass these updates into LIDB over the LVAS-to-LIDB interface at a rate of 200,000 (two hundred thousand) updates per business day where possible.

4.4.5.2 **SBC-SWBT** will provide CLEC with record format and hardware requirements for such tapes and CLEC will comply with such documentation in creating its tapes. **SBC-SWBT** will also provide CLEC with the name and address of **SBC-SWBT**'s LVAS System Administrator to whom CLEC will deliver the tapes.

4.4.6 Multiple Tape Option

4.4.6.1 The multiple tape option allows CLEC to bypass the update limitations of the LVAS-to-LIDB interface in the single tape option. It requires CLEC to create one set of tapes using LIDB format and another set of tapes using LVAS format. Upon receipt of the tapes, **SBC-SWBT** will load CLEC's updates directly into LIDB and LVAS. CLEC will provide **SBC-SWBT** with a separate set of tapes for each LIDB node and another set of tapes for LVAS. Each tape will conform to the hardware requirements of the location where the tape load will occur. **SBC-SWBT** will provide CLEC with record format and hardware requirements for the tape load as well as the name and address where CLEC will deliver each set of tapes.

4.4.6.2 **SBC-SWBT** and CLEC will negotiate mutually agreed upon dates and times for tape loads of CLEC's data.

4.4.6.3 CLEC will use the Tape Load Facility Interface only for CLEC's subscribers' Line Records. CLEC will not use the Tape Load Facility Interface to modify any Group Record nor will CLEC use the Tape Load Facility to modify any Line Record belonging to another Data Owner.

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 administrative system 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 administrative system.

4.5.2 LIDB Editor Interface is not an interface to a LIDB administrative system. 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 administrative system data and LIDB data. CLEC agrees that it will confirm all LIDB Editor Interface updates over its electronic unbundled interface or by issuing a Local Service Request (whichever method CLEC uses for its ongoing Line Record administration) once administrative system update capability is restored. CLEC understands that if it does not confirm such updates such changes might become reversed during audit processing.

4.6 Audits

4.6.1 LIDB Audit

4.6.1.1 This audit is between the LIDB administrative system and LIDB. This audit verifies that the LIDB administrative system records match LIDB records. The LIDB Audit is against all Line Records and Group Record information in the administrative system 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 a Data Owner's Line Records in the LIDB administrative system match the source of the Data Owner's Line Records.

4.6.2.2 The source of Data Owners' Line Records that **SBC-12STATE** administers through a service order process will be the **SBC-**

12STATE's billing system that maintains the LIDB data for such Data Owners.

4.6.2.3 **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.

4.6.2.4 CLEC will use the file **SBC-12STATE** provides in Section 4.6.2.3 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.

4.6.2.5 **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. 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.

4.7 LSR Process

4.7.1 The LSR Process allows **SBC-12STATE** to create and administer CLEC's data on CLEC's behalf through a bundled service order flow. The LSR Process is only available to CLEC when CLEC is providing service to end users using **SBC-12STATE**'s UNE local switch ports.

4.7.2 The LSR Process is not an interface to the LIDB administrative system. CLEC can obtain access to **SBC-12STATE**'s LIDB administrative system LVAS only through the electronic unbundled interfaces **SBC-12STATE** offers in Section 4.3 of this Appendix.

4.7.3 CLEC will not have direct access to any of its records that **SBC-12STATE** administers through the LSR Process.

4.7.4 CLEC will provide complete information in its LSR to **SBC-12STATE** so that **SBC-12STATE** can populate CLEC's line record completely and accurately. If CLEC's LSR does not contain information needed to populate a data element in LIDB, **SBC-12STATE** will populate such data element with **SBC-12STATE**-defined default information. Such default derivation will apply to all CLECs using the LSR Process that also omit said data element. Use of default information does not relieve CLEC of its responsibility for providing **SBC-12STATE** complete and accurate information in LIDB. In the event **SBC-12STATE** populates CLEC's Line Records with default information under this paragraph, **SBC-12STATE** will not be responsible for any claim or damage resulting from the use of such default information, except in the event of **SBC-12STATE**'s gross negligence or willful misconduct.

4.7.5 The following applies only to **SBC-SWBT**.

4.7.5.1 **SBC-SWBT** will transfer LIDB Line Records between local service providers (including **SBC-SWBT**) based on conversion activity either "as is" or "with changes".

4.7.5.2 CLEC will identify through a registration form that **SBC-SWBT** will provide to CLEC, how CLEC's Line Records will be created, transferred, or administered.

4.7.5.3 New Connect Activity. If CLEC has operational unbundled electronic interfaces, CLEC can identify whether **SBC-SWBT** will create LIDB Line Records based on an LSR for new connect activity or CLEC will create such Line Records.

4.7.5.4 Conversion Activity. CLEC will identify whether **SBC-SWBT** will convert LIDB Line Records from a previous local service

provider (including **SBC-SWBT**) to CLEC with changes to end user information or without changes to end user information. If CLEC has operational, unbundled electronic interfaces and CLEC so desires, CLEC can choose to have **SBC-SWBT** delete LIDB Line Records rather than transfer such records to CLEC from the previous local service provider (including **SBC-SWBT**).

4.7.5.5 Ongoing Administration. CLEC will identify whether ongoing administration of its Line Records will be done by CLEC directly through its unbundled electronic interface or whether ongoing administration will be done by **SBC-SWBT** based on an LSR submitted by CLEC.

4.8 Fraud Monitoring

4.8.1 **SBC-12STATE**'s fraud monitoring system(s) provides CLEC with alert messages. Alert messages indicate potential incidences of ABS-related fraud for investigation. **SBC-12STATE** will provide CLEC with an alert as set forth in Sections 6.4 through 6.5 of the General Terms and Conditions of the Agreement.

5. MANNER OF PROVISIONING

5.1 **SBC-12STATE** will provide to CLEC, on request, **SBC-12STATE**-specific documentation regarding record formatting and associated hardware requirements of the interfaces **SBC-12STATE** provides for LIDB data administration when CLEC chooses to use such interfaces.

5.2 CLEC will obtain, at its own expense, all necessary documentation, including documentation regarding record formatting and associated hardware requirements.

5.3 **SBC-12STATE** will input information provided by CLEC into LIDB for the NPA-NXXs and/or NXX-0/1XXs that CLEC will store in **SBC-12STATE**'s LIDB. CLEC shall provide all information needed by **SBC-12STATE** to fully and accurately populate a LIDB Line Record. This information may include, but is not limited to, Calling Card Service information, Toll Bill Exception information (such as restrictions on collect and third number billing), class of service information, Originating Line Number Screening information, ZIP code information, and Calling Name Information, depending on the LIDB.

5.4 CLEC will furnish, prior to the initial load of CLEC's data, and as requested by **SBC-12STATE** thereafter, the following forecast data:

5.4.1 the number of working lines per account group

5.4.2 the number of working line numbers to be established

5.4.3 the average number of monthly changes to these records

5.4.4 the number of busy hour queries, by query type

5.4.5 the number of annual queries by query type.

5.5 If **SBC-12STATE**, at its sole discretion, determines that it lacks adequate storage, or processing capability, prior to the initial loading of CLEC information, **SBC-12STATE** will notify CLEC of its intent to not provide to CLEC the Services under this Appendix and this Appendix will be void.

5.6 CLEC may submit updated or changed forecasts due to unforeseen events at any time and **SBC-12STATE** encourages CLEC to submit such forecasts as soon as practical. **SBC-12STATE** may request revised forecasts, but no more frequently than every six (6) months and then only if **SBC-12STATE** has reason to believe there may be significant error in CLEC's latest forecast.

5.7 CLEC will furnish all Line Records and Group Records in a format required by **SBC-12STATE** to establish records in LIDB for all working line numbers, not just line numbers associated with calling card PIN or Toll Billing Exceptions (TBE).

5.8 CLEC is solely responsible for all Line Records for which CLEC is the Data Owner. This includes all data, data administration, Line Records that CLEC creates, Line Records that **SBC-12STATE** creates on CLEC's behalf, or Line Records that are transferred to CLEC as a result of CLEC becoming the provider of local service to the End User(s) associated with such Line Records.

5.9 The unbundled electronic interfaces offered in this Appendix are the sole means through which CLEC can directly administer its Line Records in **SBC-12STATE**'s LIDB.

5.10 If CLEC resells the services associated with its Line Records to a third party, and those Line Records remain in an **SBC-12STATE**'s LIDB, CLEC will administer those records through the unbundled electronic interfaces **SBC-12STATE** offers in 3.3.1.1 through 3.3.1.2.5 of this Appendix, so that companies that query the **SBC-12STATE**'s LIDB will receive correct and current information regarding the reseller's identity and the services the reseller provides to its subscribers.

5.11 CLEC will administer its data in **SBC-12STATE**'s LIDB in such a manner that **SBC-12STATE**'s accuracy of response information and consistency of available data is not adversely impacted.

5.12 CLEC will use either the LSR Process or unbundled electronic interfaces for all accounts that use the same NECA, Inc. company code.

5.13 If CLEC has operational unbundled electronic interfaces and CLEC has chosen to create its own records in LIDB, CLEC will create its records within twenty-four (24) hours of **SBC-12STATE**'s deletion of any previous Line Record or, if there is no previous Line Record, within twenty-four (24) hours of providing the end-user with dial tone.

5.14 If CLEC administers its Line Records directly through unbundled electronic interfaces and CLEC does not provide service using a **SBC-12STATE**'s UNE local switching port, CLEC will delete its LIDB Line Records associated with an end-user disconnecting telecommunications service. CLEC will delete such Line Records within twenty-four (24) hours of disconnection.

5.15 CLEC will also delete Line Records from **SBC-12STATE**'s LIDB when CLEC migrates Line Record from an **SBC-12STATE**'s LIDB to another LIDB or LIDB-like Database unless CLEC otherwise arrange with **SBC-12STATE** to delete such records on CLEC's behalf.

5.16 If CLEC begins providing local services before CLEC completes and returns to **SBC-SWBT** its LSR Process registration form, **SBC-SWBT** will treat CLEC's LSRs as if CLEC had elected to administer all activity on its Line Records directly through an unbundled electronic interface.

5.17 **SBC-12STATE** will provide the capability needed to perform query/response functions on a call-by-call basis for CLEC's Line Records residing in an **SBC-12STATE** LIDB.

5.18 With respect to all matters covered by this Appendix, each Party shall adopt and comply with **SBC-12STATE**'s standard operating methods and procedures and shall observe the rules and regulations that cover the administration of the LIDB administrative system and the Sleuth System, as set forth in **SBC-12STATE** practices. The Parties acknowledge that **SBC-12STATE** may change those practices from time to time.

5.19 Administration of the SCP on which LIDB resides, as well as any system or Query processing logic that applies to all data resident on an **SBC-12STATE**'s LIDB is the responsibility of **SBC-12STATE**. CLEC acknowledges and agrees that **SBC-12STATE**, in its role as system administrator, may need to access any record in LIDB, including any such records administered by CLEC over unbundled electronic interfaces. **SBC-12STATE** will limit such access to those actions necessary to ensure the successful operation and administration of **SBC-12STATE**'s SCP and LIDB.

5.20 If CLEC creates its Line Records directly through unbundled electronic interfaces, CLEC will not have to provide on its LSR its end-user marketing and/or service information for LIDB on new connect and conversion activity LSRs. CLEC will also not have to provide its end-user marketing and/or service information for LIDB on an LSR if CLEC will perform ongoing administration of its Line Records directly through unbundled electronic interfaces

5.21 **SBC-12STATE** will, at its sole discretion, allow or negotiate any access to an **SBC-12STATE**'s LIDB. CLEC does not gain any ability, by virtue of this Appendix, to determine what companies are allowed to access information in an **SBC-12STATE**'s LIDB. CLEC acknowledges that when **SBC-12STATE** allows an entity to access **SBC-12STATE**'s LIDB, such query originators will also have access to CLEC's data that is also stored in such **SBC-12STATE**'s LIDB.

5.22 The following applies only to **SBC-SWBT**

5.22.1 **SBC-SWBT** will identify Line Records it transfers to CLEC's ownership without changes in end-user information by setting the record status indicator of the Line Record to a transitional value. CLEC must confirm that it provides the same services to the end-user as did the previous local service provider by changing the record status indicator back to a value of stable. If CLEC does not make its confirmation within seven (7) days, of the transfer, **SBC-SWBT** will convert all billing indicators of said Line Record to a denial value. If such Line Record continues to remain in transitional status, **SBC-SWBT** will consider the Line Record abandoned by CLEC and delete such Line Record on the twenty-first (21) day after the record's creation. For purposes of calculating the seventh and twenty-first day, **SBC-SWBT** will count the day of the record's creation as zero (0). **SBC-SWBT**'s ability to delete such Line Records does not relieve CLEC of its responsibility to administer its records accurately and in a timely manner.

5.22.2 If CLEC elects to have **SBC-SWBT** transfer ownership of LIDB Line Records to CLEC as a result of routine LSR activity, and CLEC elects to have such records transferred without changes to end-user data, **SBC-SWBT** will transfer all pre-existing end-user information, including calling card information, to CLEC's ownership. However, such transfers will result in changes to record ownership information such as Account Owner and Revenue Accounting Office (RAO) data as such information is entered by CLEC on its LSR, or default information created from a lack of CLEC's entry of data.

5.22.3 If CLEC elects to have **SBC-SWBT** transfer ownership of LIDB Line Records to CLEC as a result of routine LSR activity and CLEC elects to

have such records transferred with changes to end-user data, **SBC-SWBT** will change every data element in the LIDB Line Record as part of the transfer of ownership. However, **SBC-SWBT** will not mark such records as transitional. **SBC-SWBT** will change all LIDB Line Record data elements on such changes based on CLEC's LSR that initiated the Line Record's transfer of ownership. If CLEC did not populate all LIDB data elements on its LSR, **SBC-SWBT** will create default values for the data elements or derive the values for the data elements based on other LSR entries.

6. BILLING

6.1 If **SBC-12STATE** provides CLEC with compensation for data access as set forth in Section 6.3, **SBC-12STATE** will provide such data, as is reasonably necessary, to enable CLEC to substantiate Query volumes of CLEC Line Records residing in **SBC-12STATE**'s LIDB.

6.2 When **SBC-13STATE** or a third party queries CLEC's data in LIDB and receives a response verifying the End User's willingness to accept charges for the service being provided, CLEC will provide for billing as set forth in either Section 6.2.1 or 6.2.2 of this Appendix.

6.2.1 CLEC will bill the appropriate charges to its End Users, on behalf of **SBC-13STATE** or a third party.

6.2.2 CLEC will provide to **SBC-13STATE** or the third party all necessary billing information needed by **SBC-13STATE** or the third party to bill the End User directly.

6.3 CLEC understands that if CLEC chooses the option set forth in Section 6.2.2 of this Appendix, other providers, including **SBC-13STATE**, may choose to deny services to CLEC's subscribers.

6.4 **SNET** will charge CLEC a One-Time Administrative Fee Charge ("One Time Charge" as set forth in Appendix Pricing. Additional Administrative Fee Charges ("Additional Charge"), approved in writing by CLEC and incurred by **SNET** during Service set up shall be passed on to CLEC on an individual case basis. CLEC shall pay such One Time Charge upon execution of this Appendix and any approved Additional Charges at the time such charges are incurred by **SNET** and billed to CLEC, in accordance with **SNET**'s invoice.

7. COMPENSATION OPTION

7.1 CLEC may elect to receive compensation from **SBC-12STATE** for access to CLEC's data in **SBC-12STATE**'s LIDB only as set forth in this Section, Section

7, of this Appendix. **SBC-12STATE** offers the terms of Section 7 as a package and such terms are contingent upon CLEC's acceptance of market prices for Query access set forth in Sections 7.2.1 through 7.2.4, as applicable. **SBC-12STATE** will not provide compensation to CLEC for access of CLEC's data in **SBC-12STATE**'s LIDB other than via this Compensation Option.

7.2 Until **PACIFIC** and **SBC-SWBT** have the technical ability to identify record ownership of all Line Records in LIDB, and until **PACIFIC** and **SBC-SWBT** have developed billing processes to provide compensation for access to CLECs data, **PACIFIC** and CLEC and/or **SBC-SWBT** and CLEC will mutually agree upon a method of compensation or true-up procedure. The Compensation Option prices for various Queries are set forth below, as applicable:

7.2.1 **SNET**

7.2.1.1	Validation Query	$.038 per Query
7.2.1.2	CNAM Query	$.016 per Query

7.2.2 **SBC-SWBT**

7.2.2.1	Validation Query	$.026 per Query
7.2.2.2	CNAM Query	$.0036 per Query
7.2.2.3	OLNS Query	$.0055 per Query
7.2.2.4	Query Transport	$.0044 per Query

7.2.3 **SBC-AMERITECH**

7.2.3.1	Validation Query	$.017228 per Query
7.2.3.2	CNAM Query	$.012 per Query
7.2.3.3	Query Transport	$.00012 per Query

7.2.4 **PACIFIC**

7.2.4.1	Validation Query	$.021 per Query
7.2.4.2	CNAM Query	$.008 per Query
7.2.4.3	OLNS Query	$.012 per Query
7.2.4.4	Query Transport	$.00027 per Query

7.3 Based upon the prices set forth in Sections 7.2.1 through 7.2.4 above, **SBC-12STATE** will credit CLEC for each query against CLEC's non-resold Line Records in **SBC-12STATE**'s LIDB as set forth in this Sections 7.3.1 through 7.3.4:

7.3.1 **SNET**

7.3.1.1 28% paid to CLEC

7.3.1.2 72% retained by **SNET**

7.3.1.3 **SNET** will calculate the amount by multiplying total number of Queries to CLEC's Line Records multiplied by the Per Query Charge, multiplied by CLEC's percentage set forth in Section 7.2.1.1 above.

7.3.2 **SBC-SWBT**

7.3.2.1	Validation	$.01216 per Query
7.3.2.2	CNAM	$.0032 per Query
7.3.2.3	OLNS	$.00396 per Query

7.3.3 **SBC-AMERITECH**

7.3.3.1	Validation	$.0025 per Query
7.3.3.2	CNAM	$.005 per Query

7.3.3.3 During the month when CNAM Queries to CLEC's non-resold Line Records are equal to or greater than 500 thousand Queries for that month, **SBC-AMERITECH** will credit customer $.006 per Query.

7.3.3.4 During the month when CNAM Queries to CLEC's non-resold Line Records are equal to or greater than 2.5 million Queries for that month, **SBC-AMERITECH** will credit customer $.007 per Query.

7.3.4 **PACIFIC**

7.3.4.1	Validation	$.008508 per Query
7.3.4.2	CNAM	$.0032 per Query
7.3.4.3	OLNS	$.004908 per Query

7.4 **PACIFIC** and **SBC-SWBT** will waive nonrecurring charges for the initial establishment of LIDB Services (e.g., Validation Query, CNAM Query, and OLNS Query) for CLEC. Subsequent requests for service will incur nonrecurring charges for the activity requested.

8. PRICE AND PAYMENT

8.1 **SBC-AMERITECH** will charge CLEC $2.00 for every Line Record update it accepts from CLEC via a manual fax.

9. CONFIDENTIALITY

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

10. LIABILITY

10.1 In addition to any other limitations of liability set forth in this Agreement, **SBC-12STATE** will not be liable for any losses or damages arising out of errors, interruptions, defects, failures, or malfunction of a LIDB administrative system,

including any and all associated equipment and data processing systems, except such losses or damages caused by the willful misconduct or gross negligence of **SBC-12STATE**. Any such losses or damages for which **SBC-12STATE** is held liable under this Appendix shall be limited to actual direct damages, and shall in no event exceed the amount of charges made for a LIDB administrative system during the period beginning at the time **SBC-12STATE** receives notice of the error, interruption, defect, failure or malfunction to the time service is restored.

10.2 In addition to any other limitations of liability set forth in this Agreement, **SBC-12STATE** will not be liable for any losses or damages arising out of **SBC-12STATE**'s administration of Sleuth or Automatic Fraud Monitoring systems.

10.3 In addition to any other indemnity obligations set forth in this Agreement, CLEC agrees to release, indemnify, defend, and hold harmless **SBC-12STATE** from any and all claims, demands, or suits brought by a third party against **SBC-12STATE**, directly or indirectly, arising out of **SBC-12STATE**'s provision of service under this Appendix. This provision shall not apply to any losses, damages or other liability for which **SBC-12STATE** is found liable as a result of its sole negligence.

10.4 In addition to any other indemnity obligations set forth in this Agreement, CLEC further agrees to release, indemnify, defend, and hold harmless **SBC-12STATE** from any and all claims, demands, or suits brought by a third party against **SBC-12STATE**, directly or indirectly arising out of **SBC-12STATE**'s administration of **SBC-12STATE**'s fraud monitoring systems, including claims of invasion of privacy, defamation, slander, libel, or false prosecution. This provision shall not apply to any losses, damages, or other liability for which **SBC-12STATE** is found liable as a result of its gross negligence or willful misconduct.

10.5 In addition to any other indemnity obligations set forth in this Agreement, CLEC further agrees to release, indemnify, defend, and hold harmless **SBC-12STATE** from any and all claims, demands, or suits brought by a third party against **SBC-12STATE**, directly or indirectly, arising out of CLEC's administration of its data or failure to administer its data under this Appendix.

10.6 In addition to any other indemnity obligations set forth in this Agreement, CLEC further agrees to release, indemnify, defend and hold harmless **SBC-12STATE** from any and all claims, demands, or suits brought by a third party against **SBC-12STATE**, directly or indirectly, arising out of CLEC's refusal to provide billing as set forth in Section 6.2.1 of this Appendix.

11. DISCLAIMER OF WARRANTIES

11.1 **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 LIDB, LIDB ADMINISTRATIVE SYSTEM, THE SLEUTH SYSTEM, THE AUTOMATIC FRAUD MONITORING SYSTEM, OR ANY INTERFACES REFERENCED IN THIS APPENDIX. ADDITIONALLY, **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.

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.

APPENDIX LIDB SERVICE

TABLE OF CONTENTS

1. INTRODUCTION 3

2. DEFINITIONS 3

3. DESCRIPTION OF SERVICE 4

4. PRICE AND PAYMENT 6

5. OWNERSHIP OF INFORMATION 8

6. TERM AND TERMINATION 9

7. LIMITATION OF LIABILITY 9

8. COMMUNICATION AND NOTICES 11

9. CONFIDENTIALITY 11

10. MUTUALITY 12

11. APPLICABILITY OF OTHER RATES, TERMS AND CONDITIONS 12

APPENDIX LIDB SERVICE

1. INTRODUCTION

1.1 This Appendix sets forth the terms and conditions for Line Information Data Base (LIDB) Service provided by the applicable SBC Communications Inc. (SBC) owned Incumbent Local Exchange Carrier (ILEC) and 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, Nevada Bell Telephone Company, The Ohio Bell Telephone Company, Pacific Bell Telephone Company, The Southern New England Telephone Company, Southwestern Bell Telephone Company and/or Wisconsin Bell, Inc. d/b/a Ameritech Wisconsin.

1.3 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.

1.4 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.

1.5 As used herein, **SBC-SWBT** means the applicable above listed ILECs doing business in Arkansas, Kansas, Missouri, Oklahoma, and Texas.

1.6 As used herein, **SBC-AMERITECH** means the applicable above listed ILECs doing business in Illinois, Indiana, Michigan, Ohio, and Wisconsin.

1.7 As used herein, **PACIFIC** means the applicable above listed ILECs doing business in California.

1.8 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, the database is the line number and related line information.

2.2 **"Data 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 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 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 LIDB for CNAM Query except **SBC-AMERITECH** will provide access to LIDB for CNAM Query after April 5, 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 LIDB 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 LIDB.

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. 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 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 may not provide CLEC with access to all of the data of all Data Owners in **SBC-12STATE**'s LIDB. When a region in **SBC-12STATE** implements LIDB Data Screening by Data Owner, certain Data Owners may choose to limit or restrict CLEC from accessing their data. CLEC understands that **SBC-12STATE** will comply with Data Owners' requests to so limit or restrict their data. Should CLEC desire access to any restricted Data Owner's LIDB Information, CLEC understands that any requests and negotiations for such access to the Data Owner's LIDB Information will be between CLEC and said Data Owner.

3.8 Data Owners are solely responsible for the accuracy and completeness of the Line Records they store in **SBC-12STATE**'s LIDB; 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 Data Owner.

3.9 **SBC-12STATE** provides LIDB Service 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 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. 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 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 and/or LIDB Service Application 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 based upon the rates set forth in Appendix Pricing. All tariffed rates associated with LIDB Services 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 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.

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, 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 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 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 data 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 (i.e., Data 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 parties, CLEC will not use LIDB Service for purposes other than those described in this Appendix. CLEC may use LIDB Service for such authorized purposes only on a call-by-call basis. Data accessed on LIDB may not be stored by CLEC elsewhere for future use.

5.3 Proprietary information residing in **SBC-12STATE**'s LIDB 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 usage

5.3.6 Information related to billing for LIDB usage

5.3.7 LIDB 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.

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.

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.

7.2 The remedies as set forth above in this Appendix shall be exclusive of all other remedies 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 purchasers.

7.4 **SBC-12STATE** is furnishing access to its LIDB 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 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. 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.

APPENDIX ROW

TABLE OF CONTENTS

1. INTRODUCTION 4

2. STRUCTURE AVAILABILITY 4

3. INSTALLATION AND MAINTENANCE RESPONSIBILITIES 7

4. IMPLEMENTATION TEAM 8

5. ACCESS REQUESTS 8

6. UNUSED SPACE 8

7. MAINTENANCE DUCTS 9

8. APPLICABILITY 9

9. OTHER ARRANGEMENTS 9

10. MAPS AND RECORDS 9

11. OCCUPANCY PERMIT 10

12. INSPECTIONS 11

13. DAMAGE TO ATTACHMENTS 12

14. CHARGES 12

15. NONDISCRIMINATION 12

16. INTERCONNECTION 12

17. COST IMPUTATION 13

18. STRUCTURE ACCESS CENTER 13

19. STATE REGULATION 13

20. ABANDONMENT, SALES, OR DISPOSITIONS 14

21. APPLICABILITY OF OTHER RATES, TERMS, AND CONDITIONS..... 14

APPENDIX RIGHTS-OF-WAY, CONDUITS AND POLES (ROW)

1. INTRODUCTION

1.1 This Appendix sets forth the terms and conditions for Rights of Way (ROW), Conduits and Poles provided by the applicable SBC Communications Inc. (SBC) owned Incumbent Local Exchange Carrier (ILEC) and 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, Nevada Bell, The Ohio Bell Telephone Company, Pacific Bell Telephone Company, The Southern New England Telephone Company, Southwestern Bell Telephone Company and/or Wisconsin Bell, Inc. d/b/a Ameritech Wisconsin.

1.3 As used herein, **SBC-AMERITECH** is an ILEC doing business in Indiana, Illinois, Michigan, Ohio and Wisconsin.

1.4 The prices at which **SBC-AMERITECH** agrees to provide CLEC with ROW are contained in the applicable Appendix Pricing and/or the applicable Commission ordered tariff where stated.

2. STRUCTURE AVAILABILITY

2.1 **SBC-AMERITECH** shall make available, to the extent it may lawfully do so, access to poles, ducts, conduits and Rights-of-way along **SBC-AMERITECH**'s distribution network that are owned or controlled by **SBC-AMERITECH** (individually and collectively, "Structure") for the placement of CLEC's wires, cables and related facilities (individually and collectively, "Attachments").

2.1.1 "Rights-of-way" means (i) a legal interest of **SBC-AMERITECH** in property of others, such as an easement or license, suitable for use for communications distribution facilities or (ii) **SBC-AMERITECH**'s owned or leased property if such property is used for communications distribution facilities; provided, however, it does not generally include controlled environment vaults, remote equipment buildings, huts or enclosures, cross-connect cabinets, panels and boxes, equipment closets or enclosures in buildings or any like or similar equipment enclosures or locations, or the ducts

or conduit connecting any of the foregoing to manholes or conduit runs between manholes.

2.1.2 The availability of **SBC-AMERITECH** Structure for CLEC's Attachments is subject to and dependent upon all rights, privileges, franchises or authorities granted by governmental entities with jurisdiction, existing and future agreements with other persons not inconsistent with Section 15, all interests in property granted by persons or entities public or private, and Applicable Law, and all terms, conditions and limitations of any or all of the foregoing, by which **SBC-AMERITECH** owns and controls Structure or interests therein.

2.2 **SBC-AMERITECH** will not make Structure available:

2.2.1 Where, after taking all reasonable steps to accommodate such request, there is Insufficient Capacity to accommodate the requested Attachment, or

2.2.2 An Attachment cannot be accommodated based upon nondiscriminatorily applied safety, reliability or engineering principles.

2.2.3 For purposes of this Appendix, "Insufficient Capacity" means the lack of existing available space on or in Structure and the inability to create the necessary space by taking all reasonable steps to do so. Before denying a request for access based upon Insufficient Capacity, **SBC-AMERITECH** will, in good faith explore potential accommodations with CLEC. If **SBC-AMERITECH** denies a request by CLEC for access to its structure for Insufficient Capacity, safety, reliability or engineering reasons, **SBC-AMERITECH** will provide CLEC a detailed, written reason for such denial as soon as practicable but, in any event, within forty-five (45) days of the date of such request.

2.3 Franchises, Permits and Consents

2.3.1 CLEC shall be solely responsible to secure any necessary franchises, permits or consents from federal, state, county or municipal authorities and from the owners of private property, to construct and operate its Attachments at the location of the **SBC-AMERITECH** Structure it uses. CLEC shall indemnify **SBC-AMERITECH** against loss directly resulting from any actual lack

of CLEC's lawful authority to occupy such Rights-of-way and construct its Attachments therein.

2.4 Access and Modifications

2.4.1 Where necessary to accommodate a request for access of CLEC, and provided **SBC-AMERITECH** has not denied access as described in Section 2, or because **SBC-AMERITECH** will, as set forth below, modify its Structure in order to accommodate the Attachments of CLEC. Upon request, **SBC-AMERITECH** may permit CLEC to conduct Field Survey Work and Make Ready Work itself or through **SBC-AMERITECH**-approved contractors in circumstances where **SBC-AMERITECH** is unable to complete such work in a reasonable time frame. (For purposes of this Agreement, a "modification" shall mean any action that either adds future capacity to, or increases the existing capacity of, a given facility. By way of example, adding a bracket to a pole that is immediately utilized or adding innerduct to an existing duct does not qualify as a "modification," while adding taller poles, adding new ducts between existing manholes and rebuilding manholes to accommodate additional cables would qualify as a "modification.")

2.5 Before commencing the work necessary to provide such additional capacity, **SBC-AMERITECH** will notify all other parties having Attachments on or in the Structure of the proposed modification to the Structure. Where possible, **SBC-AMERITECH** shall include in a modification to accommodate CLEC's Attachment(s) those modifications required to accommodate other attaching parties, including **SBC-AMERITECH**, that desire to modify their Attachments.

2.6 If CLEC request access to an **SBC-AMERITECH** Right-of-way where **SBC-AMERITECH** has no existing Structure, **SBC-AMERITECH** shall not be required to construct new poles, conduits or ducts, or to bury cable for CLEC but will be required to make the Right-of-way available to CLEC to construct its own poles, conduits or ducts or to bury its own cable; provided, however, if **SBC-AMERITECH** desires to extend its own Attachments, **SBC-AMERITECH** will construct Structure to accommodate CLEC's Attachments.

2.7 The costs of modifying a Structure to accommodate CLEC's request, an existing or prospective attaching party's request, or the needs of **SBC-AMERITECH**, shall be borne by the party requesting such modification, except that if other parties obtain access to the Structure as a result of the modification, such parties shall share in the cost of such modification

proportionately with the party initiating the modification. A party, including **SBC-AMERITECH**, with a pre-existing Attachment to the Structure to be modified to accommodate CLEC shall be deemed to directly benefit from the modification if, after receiving notification of the modification, it adds to or modifies its Attachment. If a party, including **SBC-AMERITECH**, uses the modification to bring its Structure or Attachment into compliance with applicable safety or other requirements, it shall be considered as sharing in the modification and shall share the costs of the modification attributable to its upgrade. Notwithstanding the foregoing, an attaching party, including **SBC-AMERITECH**, with a pre-existing Attachment to the Structure shall not be required to bear any of the costs of rearranging or replacing its Attachment if such rearrangement or replacement is necessitated solely as a result of an additional Attachment or the modification of an existing Attachment sought by another attaching party, including CLEC. If an attaching party, including **SBC-AMERITECH**, makes an Attachment to the Structure after the completion of the modification, such party shall share proportionately in the cost of the modification if such modification rendered the added attachment possible.

2.8 All modifications to **SBC-AMERITECH**'s Structure will be owned by **SBC-AMERITECH**. CLEC and other parties, including **SBC-AMERITECH**, who contributed to the cost of a modification, may recover their proportionate share of the depreciated value of such modifications from parties subsequently seeking Attachment to the modified structure.

3. INSTALLATION AND MAINTENANCE RESPONSIBILITIES

3.1 CLEC shall, at its own expense, install and maintain its Attachments in a safe condition and in thorough repair so as not to conflict with the use of the Structure by **SBC-AMERITECH** or by other attaching parties. Work performed by CLEC on, in or about **SBC-AMERITECH**'s Structures shall be performed by properly trained, competent workmen skilled in the trade. **SBC-AMERITECH** will specify the location on the Structure where CLEC's Attachment shall be placed, which location shall be designated in a nondiscriminatory manner. CLEC shall construct each Attachment in conformance with the permit issued by **SBC-AMERITECH** for such Attachment. Other than routine maintenance and service wire Attachments, CLEC shall not modify, supplement or rearrange any Attachment without first obtaining a permit therefore. CLEC shall provide **SBC-AMERITECH** with notice before entering any Structure for construction or maintenance purposes.

3.2 Installation and Maintenance Standards

3.2.1 CLEC's Attachments shall be installed and maintained in accordance with the rules, requirements and specifications of the National Electrical Code, National Electrical Safety Code, Telcordia Construction Practices, the FCC, the Commission, the Occupational Safety & Health Act and the valid and lawful rules, requirements and specifications of any other governing authority having jurisdiction over the subject matter.

4. IMPLEMENTATION TEAM

4.1 The Implementation Team shall develop cooperative procedures for implementing the terms of this Appendix and to set out such procedures in the Implementation Plan.

5. ACCESS REQUESTS

5.1 Any request by CLEC for access to **SBC-AMERITECH**'s Structure shall be in writing and submitted to **SBC-AMERITECH**'s Structure Access Center. **SBC-AMERITECH** may prescribe a reasonable process for orderly administration of such requests. Each CLEC's Attachment to **SBC-AMERITECH**'s Structure shall be pursuant to a permit issued by **SBC-AMERITECH** for each request for access. The Structure Access Coordinator shall be responsible for processing requests for access to **SBC-AMERITECH**'s Structure, administration of the process of delivery of access to **SBC-AMERITECH**'s Structure and for all other matters relating to access to **SBC-AMERITECH**'s Structure. CLEC shall provide **SBC-AMERITECH** with notice before entering any **SBC-AMERITECH** Structure.

6. UNUSED SPACE

6.1 Except for maintenance ducts as provided in Section 7 and ducts required to be reserved for use by municipalities, all useable but unused space on Structure owned and controlled by **SBC-AMERITECH** shall be available for the Attachments of CLEC, **SBC-AMERITECH** or other providers of Telecommunications Services, cable television systems and other persons that are permitted by Applicable Law to attach. CLEC may not reserve space on **SBC-AMERITECH** Structure for its future needs. **SBC-AMERITECH** shall not reserve space on **SBC-AMERITECH** Structure for the future need of **SBC-AMERITECH** nor permit any other person to reserve such space. Notwithstanding the foregoing, CLEC may provide

SBC-AMERITECH with a two (2)-year rolling forecast of its growth requirements for Structure that will be reviewed jointly on an annual basis.

7. MAINTENANCE DUCTS

7.1 If currently available, one duct and one inner-duct in each conduit section shall be kept vacant as maintenance ducts. If not currently available and additional ducts are added, maintenance ducts will be established as part of the modification. Maintenance ducts shall be made available to CLEC for maintenance purposes if it has a corresponding Attachment.

8. APPLICABILITY

8.1 The provisions of this Appendix shall apply to all **SBC-AMERITECH** Structure now occupied by CLEC.

9. OTHER ARRANGEMENTS

9.1 CLEC's use of **SBC-AMERITECH** Structure is subject to any valid, lawful and nondiscriminatory arrangements **SBC-AMERITECH** may now or hereafter have with others pertaining to the Structure.

9.2 Cost of Certain Modifications

9.2.1 If **SBC-AMERITECH** is required by a governmental entity, court or Commission to move, replace or change the location, alignment or grade of its conduits or poles, each Party shall bear its own expenses of relocating its own equipment and facilities. If a move of CLEC's Attachment is required by **SBC-AMERITECH** or another attaching party, CLEC shall move its Attachment, at the expense of the party requesting such move, within thirty (30) days after notification of the required move. If CLEC fails to move its Attachment with the foregoing period, CLEC authorizes **SBC-AMERITECH** to move such Attachment at CLEC's expense.

10. MAPS AND RECORDS

10.1 **SBC-AMERITECH** will provide CLEC, at CLEC's request and expense, with access to maps, records and additional information relating to its Structure within the time frame agreed upon by the Implementation Team; provided that **SBC-AMERITECH** may redact any Proprietary Information (of **SBC-AMERITECH** or third parties) contained or reflected in any such maps, records or additional information before providing access to such information to CLEC. **SBC-AMERITECH** does

not warrant the accuracy or completeness of information on any maps or records. Maps, records and additional information are provided solely for the use by CLEC and such materials may not be resold, licensed or distributed to any other person.

11. OCCUPANCY PERMIT

11.1 CLEC occupancy of Structure shall be pursuant to a permit issued by **SBC-AMERITECH** for each requested Attachment. Any such permit shall terminate:

11.1.1 If CLEC's franchise, consent or other authorization from federal, state, county or municipal entities or private property owners is terminated,

11.1.2 If CLEC has not placed and put into service its Attachments within one hundred eighty (180) days from the date **SBC-AMERITECH** has notified CLEC that such Structure is available for CLEC's Attachments,

11.1.3 If CLEC ceases to use such Attachments for any period of one hundred eighty (180) consecutive days,

11.1.4 If CLEC fails to comply with a material term or condition of this Appendix and does not correct such noncompliance within sixty (60) days after receipt of notice thereof from **SBC-AMERITECH** or

11.2 If **SBC-AMERITECH** ceases to have the right or authority to maintain its Structure, or any part thereof, to which CLEC has Attachments. If **SBC-AMERITECH** ceases to have the right or authority to maintain its Structure, or any part thereof, to which CLEC has Attachments, **SBC-AMERITECH** shall:

11.2.1 Provide CLEC notice within ten (10) Business Days after **SBC-AMERITECH** has knowledge of such fact and

11.3 **SBC-AMERITECH** will provide CLEC with at least sixty (60) days written notice prior to:

11.3.1 Terminating a permit for an Attachment, terminating service to a CLEC Attachment, or removal of an Attachment in each case for a breach of the provisions of this Appendix,

11.3.2 Any increase in the rates for Attachments to **SBC-AMERITECH**'s Structure permitted by the terms of this Appendix, or

11.3.3 Any modification to **SBC-AMERITECH**'s Structure to which CLEC has an Attachment, other than a modification associated with routine maintenance or as a result of an emergency.

11.4 If CLEC surrenders its permit for any reason (including forfeiture under the terms of this Appendix), but fails to remove it's Attachments from the Structure within one hundred eighty (180) days after the event requiring CLEC to so surrender such permit, **SBC-AMERITECH** shall remove CLEC's Attachments at CLEC's expense.

11.5 If **SBC-AMERITECH** discovers that CLEC has placed an Attachment on **SBC-AMERITECH**'s Structure without a valid permit, **SBC-AMERITECH** shall notify CLEC of the existence of such unauthorized Attachment and CLEC shall pay to **SBC-AMERITECH** within ten (10) Business Days after receipt of such notice an unauthorized Attachment fee equal to five (5) times the annual attachment fee for an authorized Attachment.

11.6 Within the foregoing period, CLEC shall also apply for an Occupancy Permit for the unauthorized Attachment.

11.7 In addition, CLEC shall go through the process of any Make Ready Work that may be required for the unauthorized Attachment.

11.8 If CLEC fails to pay the unauthorized Attachment fee or apply for the required Occupancy Permit within the foregoing period, **SBC-AMERITECH** shall have the right to remove such unauthorized Attachment from **SBC-AMERITECH**'s Structure at CLEC's expense.

12. INSPECTIONS

12.1 **SBC-AMERITECH** may make periodic inspections of any part of the Attachments of CLEC located on **SBC-AMERITECH** Structure. CLEC shall reimburse **SBC-AMERITECH** for the costs (as defined in Section 252 (d) of the Act) of such inspections. Where reasonably practicable to do so, **SBC-AMERITECH** shall provide prior written notice to CLEC of such inspections.

13. DAMAGE TO ATTACHMENTS

13.1 Both CLEC and **SBC-AMERITECH** will exercise precautions to avoid damaging the Attachments of the other or to any **SBC-AMERITECH** Structure to which CLEC obtains access hereunder. The Party damaging the Attachments of the other Party shall be responsible to such other Party therefore.

14. CHARGES

14.1 **SBC-AMERITECH**'s charges for Structure provided hereunder shall be determined in compliance with the regulations to be established by the FCC pursuant to Section 224 of the Act. Prior to the establishment of such rates, the initial charges applicable to Structure hereunder shall be as set forth in the Appendix Pricing. **SBC-AMERITECH** reserves the right to adjust the charges for Structure provided hereunder consistent with the foregoing. Notwithstanding the foregoing, **SBC-AMERITECH** reserves the right to price on a case-by-case basis any extraordinary Attachment to Structure. An "Extraordinary Attachment" is any Attachment to Structure that is not typical of Attachments commonly made to Structure and that impacts the usability of the Structure in excess of a typical Attachment or that presents greater than typical engineering, reliability or safety concerns to other attaching parties or users of the Structure. A deposit shall be required from CLEC for map preparation, field surveys and Make-Ready Work.

15. NONDISCRIMINATION

15.1 Except as otherwise permitted by Applicable Law, access to **SBC-AMERITECH**-owned or controlled Structure under this Appendix shall be provided to CLEC on a basis that is nondiscriminatory to that which **SBC-AMERITECH** provides its Structure to itself, its Affiliates, Customers, or any other person.

16. INTERCONNECTION

16.1 Upon request by CLEC, **SBC-AMERITECH** will permit the interconnection of ducts or conduits owned by CLEC in **SBC-AMERITECH** manholes. However, such interconnection in **SBC-AMERITECH** manholes will not be permitted where modification of **SBC-AMERITECH**'s Structure to accommodate CLEC's request for interconnection is possible.

16.2 Except where required herein, requests by CLEC for interconnection of CLEC for interconnection of CLEC's Attachments in or on **SBC-AMERITECH** Structure with the Attachments of other attaching parties in or on **SBC-AMERITECH** Structure will be considered on a case-by-case basis and permitted or denied based on the applicable standards set forth in this Appendix for reasons of Insufficient Capacity, safety, reliability and engineering. **SBC-AMERITECH** will provide a written response to CLEC's request within forty-five (45) days of **SBC-AMERITECH**'s receipt of such request.

16.3 CLEC shall be responsible for the costs to accommodate any interconnection pursuant to this Section 16.

17. COST IMPUTATION

17.1 **SBC-AMERITECH** will impute costs consistent with the rules under Section 224 (g) of the Act.

18. STRUCTURE ACCESS CENTER

18.1 Request for access to **SBC-AMERITECH** Structure shall be made through **SBC-AMERITECH**'s Structure Access Center, which shall be CLEC's single point of contact for all matters relating to CLEC's access to **SBC-AMERITECH**'s Structure. The Structure Access Center shall be responsible for processing requests for access to **SBC-AMERITECH**'s Structure, administration of the process of delivery of access to **SBC-AMERITECH**'s Structure and for all other matters relating to access to **SBC-AMERITECH**'s Structure.

19. STATE REGULATION

19.1 The terms and conditions in this Appendix shall be modified through negotiations between the Parties to comply with the regulation of the state in which **SBC-AMERITECH** owns or controls Structure to which CLEC seeks access if such state meets the requirements of Section 224 (c) of the Act for regulating rates, terms and conditions for pole attachments and so certifies to the FCC under Section 224 (c) of the Act and the applicable FCC rules pertaining thereto. Until the terms and conditions of this Appendix are renegotiated, the rules, regulations and orders of such state so certifying shall supersede any provisions herein inconsistent therewith.

20. ABANDONMENT, SALES, OR DISPOSITIONS

20.1 **SBC-AMERITECH** shall notify CLEC of the proposed abandonment, sale or other intended disposition of any Structure. In the event of a sale or other disposition of the conduit system or pole, **SBC-AMERITECH** shall condition the sale or other disposition to include and incorporate the rights granted to CLEC hereunder.

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.

APPENDIX WIRELESS

TABLE OF CONTENTS

1. INTRODUCTION 3

2. DEFINITIONS 3

3. ADMINISTRATION OF REVENUE DISTRIBUTION 4

4. TERMINATION PROVISIONS 5

5. MISCELLANEOUS PROVISIONS 5

6. APPLICABILITY OF OTHER RATES, TERMS AND CONDITIONS 6

APPENDIX WIRELESS

1. INTRODUCTION

1.1 This Appendix **only applies in the states of Oklahoma, Kansas, Arkansas, and Texas** and sets forth the terms and conditions under which the Parties will distribute revenue from their joint provision of Wireless Interconnection Service for traffic from a Commercial Mobile Radio Service (CMRS) provider under the auspices of a tariff specific to wireless service, that is originated on a CMRS provider's network and terminating through the Parties' respective wireline switching networks within a Local Access and Transport Area (LATA). The Parties will be compensated under this Appendix only to the extent that they are not compensated for Wireless Interconnection Service under other tariffs, settlement agreements, contracts or other mechanism. This Appendix is subject to the terms and conditions of applicable tariffs. Notwithstanding the foregoing, this Appendix applies only where mobile to land traffic is being delivered, the CMRS provider exchanges traffic with the Primary Company pursuant to the Primary Company's tariff specific to wireless services, and the CMRS provider does not have an agreement for the exchange of traffic with the Secondary Company.

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, Nevada Bell Telephone Company, The Ohio Bell Telephone Company, Pacific Bell Telephone Company, The Southern New England Telephone Company, Southwestern Bell Telephone Company and/or Wisconsin Bell, Inc. d/b/a Ameritech Wisconsin.

1.3 **SBC-SWBT** - As used herein, **SBC-SWBT** means the above listed ILEC doing business in Kansas, Arkansas, Oklahoma, and Texas.

2. DEFINITIONS

2.1 **"Wireless Interconnection Service"** - The interchange of traffic originated from a CMRS Provider's MSC through **SBC-SWBT**'s or the CLEC's point of switching for termination on the relevant Party's wireline switching network.

2.2 **"Local Calling Area or Local Calling Scope"** - That area in which the message telephone exchange service between two (2) or more End Offices, without a toll charge, is provided.

2.3 **"Minutes of Use"** (MOU) - For the purposes of this Appendix, MOU means the Terminating Traffic as recorded by the Primary Company or MOU provided by the CMRS Provider to the Primary Company where the Primary Company is unable to measure the actual terminating usage.

2.4 **"Mobile Switching Center"** (MSC) - A CMRS Provider's switching equipment or terminal used to provide CMRS Provider's switching services or, alternatively, any other point of termination designated by the CMRS Provider. The MSC directly connects the CMRS Provider's customers within its licensed serving area to the Primary Company's facilities.

2.5 **"Primary Company"** - The Party that provides the End Office or Tandem Office where the CMRS Provider chooses to connect terminating traffic. The Primary Company also bills the CMRS Provider for Wireless Interconnection Service.

2.6 **"Revenues"** - Those monies the Primary Company bills and collects from the CMRS Provider for jointly provided Wireless Interconnection Service.

2.7 **"Secondary Company"** - The Party that receives Terminating Traffic from the Primary Company.

2.8 **"Tandem Office"** - A Party's switching system that provides an intermediate switching point for traffic between End Offices or the network.

2.9 **"Terminating Traffic"** - That traffic which is delivered by a CMRS Provider to the Primary Company for termination at a point on the intraLATA wireline switching network.

3. ADMINISTRATION OF REVENUE DISTRIBUTION

3.1 The Primary Company will compute, bill, collect and distribute the revenue for jointly provided Wireless Interconnection Service for calls terminating within a LATA. On jointly provided Wireless Interconnection Service, the Primary Company will distribute a portion of the Local Transport (LT) Revenues as described below with the Secondary Company for its part in terminating traffic from the CMRS Provider. The Primary Company will distribute applicable Local Switching (LS) and Carrier Common Line (CCL) charges which are collected from the CMRS Provider to the Secondary Company, as described below.

3.2 Distribution of revenues will be computed using the rate elements as defined in **SBC-SWBT**'s applicable Wireless Interconnection Tariff.

3.3 For terminating traffic, actual monthly wireless MOU will be measured by the Primary Company for each office in the LATA or provided to the Primary Company by the CMRS Provider in those cases where the Primary Company is unable to measure the actual terminating usage.

3.4 Each month, the amount of CCL and LS revenue (based on the rates in the Primary Company's applicable tariffs) due the Secondary Company from the Primary Company will be determined by totaling the actual terminating MOU

associated with each of the Secondary Company's End Offices and multiplying those MOU by the appropriate rates as set out above. The LT revenues due to the Secondary Company will be determined for each Secondary Company End Office by multiplying the billed MOU by the appropriate LT rate multiplied by the applicable End Office percentage ownership of facilities listed in Exhibit A to this Appendix.

3.5 The Primary Company will prepare a revenue and usage statement on a monthly basis. Within ninety (90) calendar days after the end of each billing period, except in cases of disputes, the Primary Company will remit the compensation amount due the Secondary Company. When more than one compensation amount is due, they may be combined into a single payment. No distribution will be made for the revenue the Primary Company is unable to collect.

3.6 The revenue and usage statement will contain the following information:

3.6.1 The number of MOU for each of the Secondary Company's End Offices, the corresponding rate elements to be applied to the MOUs for each End Office, and the resulting revenues;

3.6.2 The total of the MOU and revenues for the Secondary Company;

3.6.3 The percent ownership factor used to calculate the distribution of Local Transport revenues; and,

3.6.4 Adjustments for uncollectibles.

3.7 The Parties agree that revenue distribution under this Appendix will apply as of the effective date of the Agreement. The Primary Company will start revenue distribution on usage within sixty (60) calendar days from the date this Appendix is effective.

4. TERMINATION PROVISIONS

4.1 This Appendix shall remain in effect until terminated by either Party upon a minimum of thirty (30) calendar days written notice by such Party to the designated representative of the other.

4.2 This Appendix may be terminated by an order of an appropriate regulatory commission or a court of competent jurisdiction.

5. MISCELLANEOUS PROVISIONS

5.1 Exhibit A to this Appendix is attached and incorporated into this Appendix by reference. From time to time, by written agreement of both parties, new Exhibits may be substituted for the attached Exhibit A, superseding and canceling the Exhibit A previously in effect.

5.2 Each party will promptly upon request, furnish to the other such information as may reasonably be required to perform under this Appendix.

6. APPLICABILITY OF OTHER RATES, TERMS AND CONDITIONS

6.1 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.

EXHIBIT A TO APPENDIX WIRELESS

End Office Percent Ownership of Local Transport Facilities

CLLI Code	NPA-NXX	% Ownership of Transport Facilities

EXHIBIT I

CLEC SERVING AREA DESCRIPTION AND E9-1-1 INTERCONNECTION DETAILS

CLEC NAME & CONTACTS	CLEC "OCN"	CLEC Switch	Switch Type	CLEC NPA/NXX(s) included
			CLLI Code	
E9-1-1 Coordinator	CLEC Telco ID			
			"Connect Signal" Digits(4)	Estimated # of EAAs
	CLEC Service Area Definition:		1 - 1	
9-1-1 Database Manager			ETST Code	# 9-1-1 Trunks Requested
			"Default" PSAP	Requested Service Date
Switch Site Contact				

SBC-SWBT & **SBC-SNET** E9-1-1 SYSTEM CONFIGURATION ASSOCIATED WITH DESIGNATED E9-1-1 CONTROL OFFICE

E9-1-1 CONTROL OFFICE: CLLI Code:		EXCHANGES FOR MSAG PULL (1)	PSAPs INCLUDED	E9-1-1 CUSTOMER and AGENCY TYPE (see legend below)
E9-1-1 Features Required:				
# of 9-1-1 Trunks from CLEC:				
MSAG Update Interval:	Monthly			

FOOTNOTES:
(1) MSAG pull is keyed to these exchanges, and will only contain addresses in SWB's service area.
(2) n/a
(3) Only areas within the the listed exchanges and also within the jurisdiction of this PSAP are included. The remainder of the PSAP's jurisdiction is not included.
(4) Refer to network interface specifications in Exhibit III.

"TYPE of AGENCY" LEGEND:

HRC = Home Rule City
ECD = Emergency Communications District
COG = Council of Governments or Regional Planning Commission
GLC = General Law City
Cnty = County with special provisions (only applies to Dallas County)

Date Prepared

Agreement No. _____

MASTER AGREEMENT FOR ACCESS
TO POLES, DUCTS, CONDUITS, AND RIGHTS-OF-WAY (ARKANSAS)

This Agreement dated _____, 2000, is made by and between Southwestern Bell Telephone Company ("SWBT") and the undersigned Applicant. As provided in this Agreement, SWBT will provide Applicant nondiscriminatory access, in accordance with the Pole Attachment Act, the Telecommunications Act of 1996, and applicable rules, regulations, and commission orders, to poles, ducts, conduits, and rights-of-way owned or controlled by SWBT and located in this state.

ARTICLE 1: PARTIES

1.01 Southwestern Bell Telephone Company. Southwestern Bell Telephone Company is a corporation chartered in the State of Missouri. SWBT's principal office is located at 1010 Pine Street, St. Louis, Missouri 63101.

1.2 Applicant. Applicant is a telecommunications carrier or cable television system doing business or operating in this State under the following name(s): New Edge Network, Inc. d/b/a New Edge Networks.

1.2 Applicant maintains offices in this State at the following address:
_____.
Applicant is more fully described in APPENDIX II ("Identification of Applicant").

ARTICLE 2: PURPOSE OF AGREEMENT

2.01 Primary Purpose of Agreement. The primary purpose of this Agreement is to set forth the rates, terms, conditions, and procedures under which SWBT will provide Applicant access to SWBT's poles, ducts, conduits, and rights-of-way located in this State.

2.02 Applicability. This Agreement applies to all poles, ducts, conduits, and rights-of-way subject to the Pole Attachment Act, 47 U.S.C. § 224, as amended by the Telecommunications Act of 1996, and further amendments.

2.03 Construction in Accordance with Purpose. All provisions of this Agreement shall be construed and applied consistently with the requirements of the Pole Attachment Act and those provisions of the Telecommunications Act of 1996, including but not

limited to 47 U.S.C. §§ 251(b)(4) and 271(c)(2)(B)(iii), which mandate access to SWBT's poles, ducts, conduits, and rights-of-way.

2.04 Uniform Application and Nondiscriminatory Access. In Paragraph 1156 of the First Interconnection Order in CC Docket No. 96-98, the FCC has ordered that "[W]here access is mandated, the rates, terms, and conditions of access must be uniformly applied to all telecommunications carriers and cable operators that have or seek access." In Paragraph 1157 of the First Interconnection Order, the FCC has further stated that except as specifically noted elsewhere in that order, "a utility may not favor itself over other parties with respect to the provision of telecommunications or video programming services." This Agreement has been drafted and shall be construed to effectuate these nondiscriminatory access requirements.

2.05 Effect on Rights and Remedies under Law. This Agreement is intended by the parties to implement, rather than abridge, their respective rights under federal and state law. In the event of an irreconcilable conflict between any provision of this Agreement and any applicable federal or state laws, rules, regulations, or commission orders, the parties' rights and remedies under such laws, rules, regulations, and orders shall take precedence over the terms of this Agreement.

2.06 Additional Negotiations. This Agreement is one of many agreements between SWBT and parties seeking access to SWBT's poles, ducts, conduits, and rights-of-way in this State. Nothing contained in this Agreement shall preclude SWBT from negotiating additional or different terms of access with third parties. Applicant may, at any time, seek amendments to this Agreement to conform to the terms of agreements between SWBT and third parties. In addition, the parties acknowledge that it may be necessary to amend or supersede this Agreement to conform to changes in the law, streamline procedures for granting access, address issues not addressed in this Agreement, and resolve operational concerns arising by virtue of the presence of competing providers of telecommunications and cable television services on, within, or in the vicinity of SWBT's poles, ducts, conduits, and rights-of-way. Each party shall, therefore, at the request of the other party, engage in good faith negotiations to supplement, amend or replace this Agreement.

2.07 Relationship to Interconnection Agreement. SWBT has provided Applicant the option of executing this Agreement either as a standalone agreement or as part of the interconnection agreement, if any, between the parties. Applicant's election is reflected in this section, and this Agreement shall be construed in accordance with Applicant's election. If this Agreement has been executed as part of an interconnection agreement, Applicant shall have the additional option of replacing this Agreement at any time with SWBT's then-current Master Agreement for Access to Poles, Ducts, Conduits, and Rights-of-Way.

[ ] This Agreement has been entered into as a standalone Agreement.

[X] This Agreement has been entered into, at Applicant's request, as an appendix, attachment, or exhibit to an interconnection agreement between the parties. Except as otherwise specifically stated in this Agreement, the terms of this Agreement, which are specific to poles, ducts, conduits, and rights-of-way, shall apply in the event of conflict between the terms of this Agreement and the general terms and conditions set forth in the interconnection agreement.

2.08 Access Ancillary to Arrangements for Interconnection, Collocation, and Access to Unbundled Network Elements. Nothing contained in this Agreement shall be construed as precluding Applicant from having such additional access to SWBT's poles, ducts, conduits, and rights-of-way as may be necessary to effectuate the terms of other arrangements between Applicant and SWBT relating to interconnection, collocation, and access to unbundled network elements. To the extent that this Agreement does not provide the access required, additional terms of access may be included in any tariff or agreement between the parties establishing arrangements for interconnection, collocation, or access to unbundled network elements.

ARTICLE 3: DEFINITIONS

3.01 Definitions in general. As used in this Agreement, the terms defined in this article shall have the meanings set forth below in Sections 3.02 to 3.48 except as the context otherwise requires.

3.02 Agreement. The term "Agreement" refers to this Master Agreement for Access to Poles, Ducts, Conduits, and Rights-of-Way. The term "Agreement" includes all appendices, attachments, and addenda to this Agreement, including but not limited to addenda, if any, reflecting state-specific requirements or Applicant-specific requirements imposed by interconnection arbitration orders.

3.03 Anchor. The term "anchor" refers to a device, structure, or assembly which stabilizes a pole and holds it in place. An anchor assembly may consist of a rod and fixed object or plate, typically embedded in the ground, which is attached to a guy strand or guy wire which, in turn, is attached to the pole. The term "anchor" does not include the guy strand which connects the anchor to the pole.

3.04 Appendix. The capitalized term "APPENDIX" refers to one of the following appendices to this Agreement.

APPENDIX I:	Schedule of Rates, Fees, and Charges
APPENDIX II:	Identification of Applicant
APPENDIX III:	Administrative Forms and Notices
SW-9433:	Pole Attachments
SW-9434:	Access Application and Make-Ready Authorization
SW-9435:	Conduit Occupancy
SW-9436A:	Notification of Surrender or Modification of Pole Attachment License by Licensee
SW-9436B:	Notification of Surrender or Modification of Conduit Occupancy License by Applicant
SW-9436C:	Notification of Unauthorized Attachments by Applicant
APPENDIX IV:	Insurance Requirements
APPENDIX V:	Nondisclosure Agreement
APPENDIX VI:	Notices to Applicant
APPENDIX VII:	Notices to SWBT
APPENDIX VIII:	Identification of Utility Liaison Supervisor (ULS)

3.05 Assigned. When used with respect to pole, duct, conduit, or right-of-way space, the term "assigned" refers to space that is occupied by, or has been designated for occupancy by, either party or by a third party. Except as otherwise specifically provided in this Agreement, no person or entity shall have the right to occupy space assigned to another person or entity (other than on a temporary basis in the event of emergency as provided in Section 15.02 of this Agreement) until the assignment has been released or lapsed. Assignment procedures are described in Section 8.02 of this Agreement.

3.06 Authorized contractor. "Authorized contractors" are contractors selected by Applicant who may, subject to Applicant's direction and control, perform facilities modification or make-ready work which would ordinarily be performed by SWBT or persons acting on SWBT's behalf. As used in this Agreement, the term "authorized contractor" does not refer to contractors performing routine installation, maintenance, or

repair work on Applicant's behalf or other contractors who may be selected by Applicant to perform work on Applicant's behalf without SWBT's approval. More specifically, the term "authorized contractor" refers only to those contractors included on a list of contractors mutually approved by Applicant and SWBT to perform one or more of the following tasks within a specified SWBT construction district: (a) installation of those sections of Applicant's ducts or facilities which connect to SWBT's conduit system as provided in Section 6.08(c); (b) installation of inner duct as provided in Section 10.02(b); (c) excavation work in connection with the removal of retired or inactive (dead) cables as provided in Section 10.02(c); or (d) make-ready work as provided in Sections 10.04 and 10.05. A person or entity approved as an authorized contractor is only an authorized contractor with respect to those tasks for which such person or entity has been approved by both parties and is an authorized contractor only in those SWBT construction districts agreed to by both parties. Designation of an authorized contractor for a specific category of tasks shall not be deemed to be the designation of such person or entity as an authorized contractor for other purposes, nor shall approval of an authorized contractor by one SWBT construction district constitute approval of such authorized contractor for the area served by a different SWBT construction district; provided, however, that if a specific construction job extends beyond the boundaries of a single construction district, an authorized contractor shall, for the purposes of that job, be deemed to have been approved by all SWBT construction districts in which the work is to be performed. If, by agreement of the parties or commission order, Applicant has been approved as an authorized contractor, such approval shall be noted by an addendum to this Agreement.

3.07 Available. When used with respect to pole, duct, conduit, and right-of-way space, the term "available" refers to space that is not occupied or assigned. In conduit systems owned or controlled by SWBT, maintenance ducts will not be considered "available" for assignment. All other unassigned ducts, inner ducts, sub-ducts, and partitioned conduits in a conduit system owned or controlled by SWBT will be deemed available for assignment.

3.08 Cables. The term "cable" includes but is not limited to twisted-pair copper, coaxial, and fiber optic cables. Cables are transmissions media which may be attached to our placed in poles, ducts, conduits, and rights-of-way but are not themselves poles, ducts, conduits, or rights-of-way. Nothing contained in this Agreement shall be construed as a grant of access to cables attached to SWBT's poles or placed in SWBT's ducts, conduits, or rights-of-way.

3.09 Conduit. The term "conduit" refers to all SWBT conduits subject to the Pole Attachment Act and the provisions of the Telecommunications Act of 1996 codified as 47 U.S.C. §§ 251(b)(4) and 271(c)(2)(B)(iii). In general, conduits are tubes or structures, usually underground or on bridges, containing one or more ducts used to enclose cables, wires, and associated transmission equipment. Except as the context otherwise requires, the term "conduit" refers only to conduit owned or controlled by

SWBT, including the re-enterable manholes and handholes used to connect ducts and provide access to cables, wires, and other facilities within the ducts. As used in this Agreement, the term "conduit" refers only to conduit structures (including ducts, manholes and handholes) and space within those structures and does not include (a) cables and other telecommunications equipment located within conduit structures or (b) central office vaults, controlled environment vaults, or other SWBT structures (such as huts and cabinets) which branch off from or are connected to SWBT's conduit.

3.10 Conduit occupancy. The term "conduit occupancy" refers to the presence of wire, cable, optical conductors, or other equipment within any part of SWBT's conduit system.

3.11 Conduit system. The term "conduit system" refers to any combination of ducts, conduits, manholes, and handholes joined to form an integrated whole. As used in this Agreement, the term "conduit system" refers only to conduit systems owned or controlled by SWBT and does not include (a) cables and other telecommunications equipment located within conduit structures or (b) central office vaults, controlled environment vaults, or other SWBT structures (such as huts and cabinets) which branch off from or are connected to SWBT's conduit.

3.12 Construction District. The term "construction district" refers to the SWBT organization responsible for outside plant construction in a specified geographic area. The term "construction district" connotes responsibility for handling a function and not to the official name of the organization responsible for outside plant construction matters.

3.13 Cost/Cost-based. The terms "cost" and "costs" refer to costs determined in a manner consistent with the Pole Attachment Act and applicable rules, regulations, and commission orders. The term "cost-based" refers to rates, fees, and other charges which are based on costs and determined in a manner consistent with the Pole Attachment Act and applicable rules, regulations, and commission orders.

3.14 Duct. The term "duct" refers to all SWBT ducts subject to the Pole Attachment Act and the provisions of the Telecommunications Act of 1996 codified as 47 U.S.C. §§ 251(b)(4) and 271(c)(2)(B)(iii). In general, a "duct" is a single enclosed tube, pipe, or channel for enclosing and carrying cables, wires, and other equipment. As used in this Agreement, the term "duct" includes "inner ducts" created by subdividing a duct into smaller channels. Except as the context otherwise requires, the term "duct" refers only to ducts owned or controlled by SWBT and space within those ducts and does not include cables and other telecommunications equipment located within such ducts.

3.15 Facilities. The terms "facility" and "facilities" refer to any property, equipment, or items owned or controlled by any person or entity.

3.16 FCC. The acronym "FCC" refers to the Federal Communications Commission.

3.17 First Interconnection Order. The term "First Interconnection Order" refers to the First Report and Order adopted by the FCC on September 1, 1996, and released on September 8, 1996, in CC Docket No. 96-98, In the Matter of Implementation of the Local Competition Provisions in the Telecommunications Act of 1996 and CC Docket No. 95-185, In the Matter of Interconnection between Local Exchange Carriers and Commercial Mobile Radio Service Providers. Access to poles, ducts, conduits, and rights-of-way is addressed in the First Interconnection Order in Paragraphs 1119-1240.

3.18 Handhole. The term "handhole" refers to a structure similar in function to a manhole, but which is too small for personnel to enter. As used in this Agreement, the term "handhole" refers only to handholes which are part of SWBT's conduit system and does not refer to handholes which provide access to buried cables not housed within SWBT ducts or conduits. As used in this Agreement, the term "handhole" refers only to handhole structures owned or controlled by SWBT and does not include cables and other telecommunications equipment located within handhole structures.

3.19 Hazardous substances. The term "hazardous substances" refers to hazardous and toxic substances, waste, pollutants, contaminants, and materials as defined in the Comprehensive Environmental Response, Compensation and Liability Act ("CERCLA"), 42 U.S.C. § 9601(14), as amended, and other federal, state, and local health, safety, and environmental laws, ordinances, statutes, rules, and regulations applicable to sites subject to this Agreement, including but not limited to the Occupational Safety and Health Act ("OSHA"). In general, the term "hazardous substances" refers to any substance the presence, use, transport, abandonment or disposal of which (a) requires investigation, remediation, compensation, fine, or penalty under health, safety, and environmental laws, ordinances, statutes, rules, and regulations applicable to sites subject to this Agreement or (b) poses risks to human health, safety, or the environment and is regulated under any such laws, ordinances, statutes, rules, and regulations. For the purposes of this Agreement, the term "hazardous substances" shall also include petroleum, natural gas, and other combustible or noxious liquids, gases, or solids which may accumulate at sites subject to this Agreement.

3.20 Interconnection agreement. The term "interconnection agreement" refers to the interconnection agreement, if any, to which this Agreement has been made an appendix, attachment, or exhibit, or, as the context may require, any other interconnection agreement between the parties.

3.21 Jacket. The term "jacket" refers to a single enclosed outer covering containing communications wires, fibers, or other communications media. As used in this Agreement, the term "jacket" refers to the outermost sheath or jacket of a cable.

3.22 Joint user. The term "joint user" refers to any person or entity which has entered or may enter into an agreement or arrangement with SWBT permitting it to attach its facilities to SWBT's poles or place its facilities in SWBT's ducts, conduits, or rights-of-way.

3.23 License. The term "license" refers to a written instrument confirming that SWBT has granted the application of Applicant or a third party for access to pole, duct, conduit, or right-of-way space and that, based on Applicant's or such third party's representations (and SWBT's field inspection, if any), it appears that no further facilities modification, capacity expansion or make-ready work by SWBT is required before facilities described in the application are installed in the space requested. The term "license" refers to licenses issued by SWBT pursuant to this Agreement and may, if the context requires, refer to licenses issued by SWBT before the date of this Agreement. The parties' use of the term "license" in this Agreement shall not be construed as conferring authority or discretion on SWBT's part to deny access to Applicant in any manner inconsistent with the requirements of the Pole Attachment Act, the Telecommunications Act of 1996, and applicable rules, regulations, and commission orders.

3.24 Local service provider ("LSP"). The terms "local service provider" and "LSP" refer only to telecommunications carriers authorized by applicable federal and state laws and regulations to provide local exchange service. As used in this Agreement, these terms include SWBT.

3.25 Maintenance duct. The term "maintenance duct" generally refers to a full-sized duct (typically three inches in diameter or larger) which may be used, on a short-term basis, for maintenance, repair, or emergency restoration activities. Maintenance ducts will be available, on a nondiscriminatory basis, to all persons and entities (including SWBT, Applicant, other local service providers, and other joint users) with facilities in the conduit section in which the maintenance duct is located for (a) short-term emergency repairs as provided in Article 15 of this Agreement and (b) short-term non-emergency maintenance or repair activities as provided in Articles 12 and 13 of this Agreement. No more than one full-sized duct within any given conduit section will be designated by SWBT as the maintenance duct. In those locations where, on the effective date of this Agreement, there is not a full-sized duct available to be used as a maintenance duct, SWBT will designate an inner duct, if one is available, as the maintenance duct although such inner duct may be too small to accommodate some of the cables occupying the conduit section in which such inner duct is located. The term "maintenance duct" does not include ducts and conduits extending from a SWBT manhole to customer premises. Maintenance ducts will not be considered "available" (as defined in Section 3.07) for assignment to SWBT, Applicant, or joint users for purposes other than short-term uses contemplated in this section; provided, however, that SWBT may assign the duct currently designated as a maintenance duct if another suitable full-

sized duct will be made available to serve as a replacement maintenance duct and may assign an inner duct currently designated as a maintenance duct if another inner duct will be made available to serve as a replacement maintenance duct. Maintenance duct designations may change from time to time and may or may not be reflected in SWBT's outside plant records. When only one usable full-sized duct remains in a conduit section, that duct shall be deemed to be the maintenance duct.

3.26 Make-ready work. The term "make-ready work" refers to all work performed or to be performed to prepare SWBT's poles, ducts, conduits, rights-of-way, and related facilities for the requested occupancy or attachment of Applicant's facilities. Make-ready work does not include the actual installation of Applicant's facilities. "Make-ready work" includes, but is not limited to, clearing obstructions (e.g., by "rodding" ducts to ensure clear passage), and rearranging, transferring, replacing, and removing existing facilities on a pole or in a conduit system where such work is required to accommodate Applicant's facilities (as contrasted with work performed on SWBT's behalf in furtherance of SWBT's own business needs or convenience). "Make-ready work" may require "dig-ups" of existing facilities and may include the repair, enlargement or modification of SWBT's facilities (including, but not limited to, poles, ducts, conduits, handholes, and manholes), consolidating services into fewer cables, or the performance of other work required to make a pole, anchor, duct, conduit, manhole, handhole, or right-of-way usable for the initial placement of Applicant's facilities. As used in this Agreement, the term "make-ready work" also includes associated planning and engineering work required to confirm or determine the extent of make-ready work required and to plan make-ready projects.

3.27 Manhole. The term "manhole" refers to an enclosure, usually below ground level and entered through a hole on the surface covered with a cast iron, cast aluminum, steel, or concrete manhole cover, which personnel may enter and use for the purpose of installing, operating, and maintaining facilities in ducts or conduits which are parts of SWBT's conduit system. As used in this Agreement, the term "manhole" refers only to manhole structures owned or controlled by SWBT and does not include cables and other telecommunications equipment located within manhole structures.

3.28 Occupancy. The term "occupancy" refers to the presence of cables or other facilities on a pole, in a duct or conduit, or within a right-of-way.

3.29 Overlashing. The term "overlashing" refers to the practice of placing an additional cable or inner duct by lashing such cable or inner duct with spinning wire over an existing cable and strand.

3.30 Person acting on Applicant's behalf. The terms "person acting on Applicant's behalf," "personnel performing work on Applicant's behalf," and similar terms include both natural persons and firms and ventures of every type, including, but

not limited to, corporations, partnerships, limited liability companies, sole proprietorships, and joint ventures. The terms "person acting on Applicant's behalf," "personnel performing work on Applicant's behalf," and similar terms specifically include, but are not limited to, Applicant, its officers, directors, employees, agents, representatives, attorneys, contractors, subcontractors, and other persons or entities performing services at the request of or as directed by Applicant and their respective officers, directors, employees, agents, and representatives. An authorized contractor selected by Applicant to perform make-ready work shall be deemed to be a person acting on Applicant's behalf while performing such work at Applicant's request.

3.31 Person acting on SWBT's behalf. The terms "person acting on SWBT's behalf," "personnel performing work on SWBT's behalf," and similar terms include both natural persons and firms and ventures of every type, including but not limited to corporations, partnerships, limited liability companies, sole proprietorships, and joint ventures. The terms "person acting on SWBT's behalf," "personnel performing work on SWBT's behalf," and similar terms specifically include, but are not limited to, SWBT, its officers, directors, employees, agents, representatives, attorneys, contractors, subcontractors, and other persons or entities performing services at the request of or as directed by SWBT and their respective officers, directors, employees, agents, and representatives. An authorized contractor selected by SWBT to perform make-ready work shall be deemed to be a person acting on SWBT's behalf while performing such work at SWBT's request.

3.32 Pole. The term "pole" refers to all SWBT poles subject to the Pole Attachment Act and the provisions of the Telecommunications Act of 1996 codified as 47 U.S.C. §§ 251(b)(4) and 271(c)(2)(B)(iii). Except as the context otherwise requires, the term "pole" refers only to poles (and associated anchors) which are owned or controlled by SWBT and does not include cables and other telecommunications equipment attached to pole structures.

3.33 Pole Attachment. As defined in the Pole Attachment Act, 47 U.S.C. § 224(a)(4), the term "pole attachment" refers to "any attachment by a cable television system or provider of telecommunications service to a pole, duct, conduit, or right-of-way owned or controlled by a utility." In this Agreement, except as the context otherwise requires, the term "pole attachment" refers to any attachment by a cable television system or provider of telecommunications service to a pole (and associated anchors) owned or controlled by SWBT. The term "pole attachment" includes all such facilities attached to or supported by a SWBT pole, including but not limited to cables, risers and U-guards, equipment boxes, drop wires, anchors, bolts, clamps, drive rings, guys, hooks, strands, and other hardware affixed to the pole. Groupings of associated pole attachments for billing purposes shall be consistent with the Pole Attachment Act and applicable rules, regulations, and commission orders. Except as otherwise authorized by applicable FCC rules, regulations, or orders, Applicant's pole attachments occupying

the same usable space (or otherwise associated with facilities occupying the same usable space on a pole) shall be treated as a single attachment for billing purposes.

3.34 Pole Attachment Act. The term "Pole Attachment Act" refers to those provisions of the Communications Act of 1934, as amended by the Telecommunications Act of 1996, now codified as 47 U.S.C. § 224, as those provisions may be amended from time to time.

3.35 Pre-license survey. The term "pre-license survey" refers to work and activities performed or to be performed by SWBT or by persons acting on SWBT's behalf for the primary purpose of:

(a) confirming or determining the existing availability and capacity of a pole, duct, conduit, or right-of-way and identifying capacity, safety, reliability, or engineering concerns, if any, relating to Applicant's application;

(b) confirming or determining the extent, if any, to which modifications to SWBT's poles, ducts, conduits, or right-of-ways are required to accommodate Applicant's facilities;

(c) confirming or determining what make-ready work, if any, will be required to prepare SWBT's poles, ducts, conduits, or rights-of-way to accommodate Applicant's facilities; and

(d) estimating the costs, if any, that Applicant will be required to pay for any such facilities modification, capacity expansion, or make-ready work.

3.36 Pre-occupancy survey. The term "pre-occupancy survey" refers to work and activities performed or to be performed by Applicant or persons acting on Applicant's behalf for the primary purpose of enabling Applicant to determine:

(a) whether SWBT's poles, ducts, conduits, or rights-of-way, in their existing condition, are suitable for Applicant's intended use;

(b) the extent, if any, to which modifications of SWBT's poles, ducts, conduits, or rights-of-way will be proposed by Applicant to expand the capacity of SWBT's poles, ducts, conduits, or rights-of-way to accommodate Applicant's facilities; and

(c) what other capacity expansion or make-ready work, if any, will be proposed by Applicant to prepare SWBT's poles, ducts, conduits, and rights-of-way to accommodate Applicant's facilities.

3.37 Primary point of contact. The term "primary point of contact" refers to the persons designated by Applicant and SWBT, respectively, to coordinate arrangements for Applicant's access to SWBT's poles, ducts, conduits, and rights-of-way and records relating to such poles, ducts, conduits, and rights-of-way. SWBT's designated primary point of contact shall be the Utility Liaison Supervisor unless the parties have arranged for that function to be performed by a designated account representative who will serve as an intermediary between Applicant and the Utility Liaison Supervisor.

3.38 Rights-of-way. The term "rights-of-way" refers to all SWBT rights-of-way subject to the Pole Attachment Act and the provisions of the Telecommunications Act of 1996 codified as 47 U.S.C. §§ 251(b)(4) and 271(c)(2)(B)(iii). In general, rights-of-way are legal rights to pass over or through property of another party for limited purposes as defined in a statute, ordinance, easement, grant or other conveyance. Rights-of-way include but are not limited to (a) public rights-of-way which SWBT may occupy as permitted by law for the placement of its facilities (e.g., rights-of-way on, under, or over streets, highways, and other public roads) and (b) easements or servitudes granted by property owners or obtained through the exercise of eminent domain authority authorizing SWBT to pass over, place facilities on, and have rights of ingress and egress to the property of such property owners. Rights-of-way may also include easements which, at the time of land development or subdivision, were dedicated for use by public or private utilities and are being occupied, in whole or in part, by SWBT's facilities. Except as the context otherwise requires, the term "rights-of-way" as used in this Agreement refers only to rights-of-way owned or controlled by SWBT and does not include (a) cables and other telecommunications equipment buried or located on such rights-of-way, (b) public rights of way (which are owned by and subject to the control of governmental entities), or (c) any space which is owned and controlled by a third-party property owner and occupied by SWBT with permission from such owner rather than as a matter of legal right. As used in this Agreement, the term "right-of-way" may also include certain fee-owned or leased property acquired by SWBT for the specific purpose of installing poles, ducts, or conduits or burying underground cables which are part of SWBT's network distribution facilities.

3.39 Sheath. The term "sheath" refers to an enclosed covering containing communications wires, fibers, or other communications media. A cable may include both inner and outer sheaths.

3.40 Spinning. The term "spinning" refers to a method of attaching a cable or inner duct to a supporting strand. "Spinning" is sometimes referred to as "lashing."

3.41 State. When capitalized, the term "State" (as used in terms such as "this State") refers to the State of Arkansas.

3.42 State Commission. The term "State Commission" refers to the Arkansas Public Service Commission.

3.43 Strand. The term "strand" refers to support wires, typically stranded together, or other devices attached to a pole and connecting that pole to an anchor or to another pole for the purpose of increasing pole stability or supporting wires, cables, and associated facilities. The term "strand" includes, but is not limited to, strands sometimes referred to as "anchor strands," "anchor/guy strands," "down guys," "guy strands," "pole-to-pole guys," and "messengers."

3.44 Telecommunications Act of 1996. The term "Telecommunications Act of 1996" refers to the Telecommunications Act of 1996, Pub. L. No. 104-104, 110 Stat. 56, enacted February 8, 1996.

3.45 Third party. The terms "third party" and "third parties" refer to persons and entities other than the parties to this Agreement (that is, persons and entities other than Applicant and SWBT).

3.46 Utility Liaison Supervisor ("ULS"). The terms "Utility Liaison Supervisor" and "ULS" refer to the person or persons designated by SWBT to be responsible for handling and processing requests for access to SWBT's poles, ducts, conduits, and rights-of-way in this State. The term "ULS" connotes responsibility for handling a function and is not a job title. Except as otherwise specifically provided in this Agreement or in the parties' interconnection agreement, if any, the ULS shall serve as Applicant's single point of contact for arranging access to SWBT's poles, ducts, conduits, and rights-of-way and access to SWBT's records relating to SWBT's poles, ducts, conduits, and rights-of-way. The Utility Liaison Supervisor for this State is identified in APPENDIX VIII.

3.47 Vault. The term "vault" includes central office vaults and controlled environment vaults ("CEVs"). Vaults may be connected to, but are not considered part of, SWBT's conduit system. Access, if any, to vaults (and to ducts, conduits, and risers which serve no purpose other than to provide a means of entry to and exit from such vaults) shall be governed by the tariffs, agreements, or commission orders, if any, establishing arrangements for interconnection, collocation, and access to unbundled network elements, and not by this Agreement.

3.48 "Vicinity of …". When used in terms such as "vicinity of SWBT's conduit system," "vicinity of SWBT's poles," "vicinity of SWBT's rights-of-way," or "vicinity of SWBT's poles, ducts, conduits, or rights-of-way," the term "vicinity of …" includes sites on, within, near to, surrounding, or adjoining SWBT's poles, ducts, conduits, and

rights-of-way. These sites include, but are not limited to, all sites within a distance of 10 feet of any SWBT pole, duct, conduit, or right-of-way.

ARTICLE 4: NATURE AND SCOPE OF AGREEMENT

4.01 Scope of Agreement. This Agreement establishes the rates, terms, conditions, and procedures for access to SWBT's poles, ducts, conduits, and rights-of-way located within this State, without regard to whether such poles, ducts, conduits, or rights-of-way are located on public or private property; provided, however, that nothing contained in this Agreement shall be construed as a grant of access to any facilities which are not poles, ducts, conduits, or rights-of-way subject to the Pole Attachment Act or to any poles, ducts, conduits, rights-of-way, facilities, or property owned and controlled by parties other than SWBT. Separate tariffs or agreements, including other portions of the parties' interconnection agreement, and not this Agreement, shall govern Applicant's access, if any, to the following facilities which require special security, technical, and construction arrangements outside the scope of this Agreement:

(a) SWBT's central office vaults and ducts and conduits which serve no purpose other than to provide a means of entry to and exit from SWBT's central offices;

(b) controlled environment vaults (CEVs), huts, cabinets, and other similar outside plant structures and ducts and conduits which serve no purpose other than to provide a means of entry to and exit from such vaults, huts, cabinets, and structures;

(c) ducts and conduits located within buildings owned by SWBT; and

(d) ducts, conduits, equipment rooms, and similar spaces located in space leased by SWBT from third-party property owners for purposes other than to house cables and other equipment in active service as part of SWBT's network distribution operations.

4.02 No Transfer of Property Rights to Applicant. Nothing contained in this Agreement or any license subject to this Agreement shall create or vest (or be construed as creating or vesting) in either party any right, title, or interest in or to any real or personal property owned by the other. The payment of fees and charges as provided by this Agreement and licenses subject to this Agreement shall not create or vest (or be construed as creating or vesting) in either party any right, title, or interest in or to any real or personal property owned by the other. No use, however extended, of SWBT's poles, ducts, conduits, or rights-of-way shall create or vest (or be construed as creating or vesting) in Applicant any right, title, or interest in or to any real or personal property owned by SWBT, and the placement of Applicant's facilities on or in SWBT's poles,

ducts, conduits and rights-of-way shall not create or vest in SWBT any right, title, or interest in such facilities.

4.03 No Effect on SWBT's Right to Abandon, Convey or Transfer Poles, Ducts, Conduits, or Rights-of-Way. Except as provided in subsections (a)-(d) of this section, nothing contained in this Agreement or any license subject to this Agreement shall in any way affect SWBT's right to abandon, convey, or transfer to any other person or entity SWBT's interest in any of SWBT's poles, ducts, conduits, or rights-of-way.

(a) SWBT shall give Applicant no less than 60 days written notice prior to abandoning, conveying, or transferring any pole, duct, conduit, or right-of-way (1) to or in which Applicant has attached or placed facilities pursuant to this Agreement or (2) with respect to which Applicant has been assigned pole attachment or conduit occupancy space. The notice shall identify the transferee, if any, to whom any such pole, duct, conduit, or right-of-way is to be conveyed or transferred.

(b) SWBT represents that prior to the effective date of this Agreement, and prior to enactment of the Telecommunications Act of 1996, SWBT entered into one or more "joint use pole agreements" with electric utilities located in this State and that such agreements may require SWBT to transfer or convey poles to such electric utilities from time to time. Nothing contained in this Agreement shall abridge the rights of SWBT or any electric utility under any contract executed prior to the effective date of this Agreement. In the event of any transfer or conveyance of poles to an electric utility pursuant to such a joint pole agreement, SWBT will, at Applicant's request, provide Applicant and the transferee utility with such information as may be necessary to minimize any burdens to Applicant which may arise out of or in connection with the transfer or conveyance.

(c) Transfers of SWBT's poles, ducts, conduits, and rights-of-way shall be subject to Applicant's rights at the time of transfer. Applicant shall, at the request of SWBT or the transferee, provide SWBT or the transferee with all information required to assess Applicant's rights, post-transfer intentions with respect to continued occupancy, and willingness to negotiate new rates, terms, and conditions of access. Applicant shall not unreasonably refuse to negotiate with the transferee. If the transferee itself is a local exchange carrier or other utility subject to the Pole Attachment Act, Applicant shall, at the request of the transferee, negotiate in good faith new rates, terms, and conditions of access.

(d) Transfers or conveyances of poles, ducts, conduits, or rights-of-way to any entity controlling, controlled by, or under common control with SWBT or to any entity which acquires or succeeds to ownership of substantially all of SWBT's assets shall be subject to Applicant's rights under this Agreement and licenses subject to this Agreement.

4.04 No Effect on SWBT's Rights to Manage its Poles, Ducts, Conduits, and Rights-of-Way. Subject to Applicant's rights under this Agreement and applicable federal and state laws, rules, regulations, and commission orders, including, but not limited to, 47 C.F.R. §1.1403 (requiring 60 days' notice of contemplated modifications), SWBT may (a) locate, relocate, move, replace, modify, maintain, and remove all poles, ducts, conduits, and rights-of-way subject to this Agreement at any time and in any manner as SWBT deems appropriate and (b) enter into new agreements or arrangements with other persons or entities permitting them to attach facilities to SWBT's poles or place facilities in or on SWBT's ducts, conduits, or rights-of-way.

4.05 No Right to Interfere. Except to the extent expressly provided by the provisions of this Agreement, the provisions of this Agreement shall not be construed as authorizing either party to this Agreement, or persons acting on their behalf, to rearrange or interfere in any way with (a) the facilities of the other party or joint users, (b) the use of or access to such facilities by the other party or joint users, or (c) the ability of either party or joint users to conduct normal business operations, serve their respective customers, or avail themselves of new business opportunities.

4.06 Required Franchises, Permits, Certificates, and Licenses. This Agreement shall not be construed as relieving either party from any obligations it may have to obtain legal authority to construct, operate, maintain, repair, and remove its facilities on public or private property (including but not limited to any required franchises, permits, certificates, licenses, easements, or the like) from all appropriate public authorities and private persons or entities.

4.07 DISCLAIMER OF WARRANTIES. SWBT MAKES NO REPRESENTATIONS THAT SWBT'S POLES, DUCTS, CONDUITS, OR RIGHTS-OF-WAY ARE SUITABLE FOR APPLICANT'S INTENDED USES. SWBT MAKES NO WARRANTIES, EXPRESS OR IMPLIED, OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. IN THIS AGREEMENT, SWBT MAKES NO IMPLIED WARRANTIES OF ANY KIND.

4.08 Third-party Beneficiaries. Except as may be specifically set forth in this Agreement, this Agreement does not provide and shall not be construed to provide third parties with any remedy, claim, liability, reimbursement, cause of action, or other privilege.

ARTICLE 5: ACCESS TO RIGHTS-OF-WAY

5.01 Public Rights-of-Way. SWBT and Applicant agree that neither party has the right to restrict or interfere with the other party's lawful access to and use of public rights-of-way, including public rights-of-way which pass over property owned by either party. Except as otherwise specifically provided in this Agreement, SWBT and Applicant shall each be responsible for obtaining their own rights-of-way and permission to use real or personal property owned or controlled by any governmental body.

5.02 Private Rights-of-Way Not Owned or Controlled by Either Party. SWBT and Applicant agree that neither party shall restrict or interfere with the other party's access to or right to occupy property owned by third-parties which is not subject to the other party's control, including property as to which either party has access subject to non-exclusive rights-of-way. Subject to the procedures set forth in Section 5.04 below, each party shall make its own, independent legal assessment of its right to enter upon or use the property of third-party property owners and shall bear all expenses, including legal expenses, involved in making such determinations.

5.03 Access to Rights-of-Way Generally. Each pole attachment and conduit occupancy assignment or license made, issued, or subject to this Agreement shall include access to and use of all associated rights-of-way including, but not limited to, rights-of-way required by Applicant for ingress, egress, or other access to any sites where SWBT's poles or any part of SWBT's conduit system are located, but only to the extent, if any, that SWBT has the legal authority to grant such access and use. At locations where SWBT has access to third-party property pursuant to non-exclusive rights-of-way, SWBT shall not interfere with Applicant's negotiations with third-party property owners for similar access or with Applicant's access to such property pursuant to easements or other rights-of-ways obtained by Applicant from the property owner; provided, however, that neither party shall conduct activities on such right-of-way which interfere with the facilities of the other party or with the other party's access to and use of its own facilities. At locations where SWBT has obtained exclusive rights-of-way from third-party property owners or otherwise controls the right-of-way, SWBT shall, to the extent space is available, and subject to reasonable safety, reliability, and engineering conditions, provide access to Applicant and third parties on a nondiscriminatory, first-come, first-served basis, provided that the underlying agreement with the property owner permits SWBT to provide such access, and provided further that Applicant agrees to indemnify, on request defend, and hold SWBT harmless from any injury, loss, damage, claim, or liability arising out of or in connection with such access or use. Such access shall be granted, on a case-by-case basis, in the form of a license, sublicense, sub-easement, or other mutually acceptable writing. Except as otherwise agreed to by the parties, SWBT's charges for such access (obtained from SWBT rather than from the third-party property owner) shall include (a) a pro rata portion of the charges (including but not limited to one-time charges and recurring charges), if any, paid by SWBT to obtain the right-of-way

plus (b) any other documented legal, administrative, and engineering costs incurred by SWBT in obtaining the right-of-way and processing Applicant's request for access. Applicant's pro rata portion of the charge paid by SWBT shall be negotiated on a case-by-case basis and shall take into account the size of the area used by Applicant and the number of users occupying the right-of-way.

5.04 Special Procedures for Obtaining Access to Third-party Property. Although SWBT will afford access to rights-of-way owned or controlled by it and permit Applicant to utilize SWBT's rights-of-way to the extent that SWBT has legal authority to do so, Applicant acknowledges that SWBT may not own or control certain rights-of-way to the extent necessary to permit Applicant full access to such rights-of-way. The following general principles shall be applied with respect to access to rights-of-way on third-party property in those situations in which SWBT does not have authority to permit Applicant access or either party has a good faith belief that SWBT does not have such authority:

(a) Applicant will first attempt to obtain right-of-way directly from the property owner.

(b) If Applicant has the right of eminent domain under state law, Applicant will independently attempt to obtain the right-of-way it seeks through the exercise of that right.

(c) If Applicant is unable to obtain access to a right-of-way under subsections (a) or (b) above, Applicant may request in writing that SWBT exercise its right of eminent domain to condemn the right-of-way for Applicant's use and SWBT will respond to Applicant's written request within 45 days. SWBT will exercise its right of eminent domain on Applicant's behalf only if permitted to do so under applicable state law, and only if Applicant agrees to bear all costs and expenses, including but not limited to legal fees, arising out of or in connection with the condemnation proceedings.

5.05 Access to Rights-of-Way Incident to the Use of CEVs and Similar Structures. SWBT will provide Applicant nondiscriminatory access, consistent with the requirements of the Pole Attachment Act and Telecommunications Act of 1996, and as provided in Sections 5.03 and 5.04 above, to rights-of-way containing Controlled Environment Vaults (CEVs), huts, cabinets, and other similar structures. SWBT will place no restrictions on access to such rights-of-way that are more restrictive than those SWBT places on itself; provided, however, that neither party shall conduct activities on such rights-of-way which interfere with the facilities of the other party, with the privacy of communications carried over the other party's network, or with the other party's access to and use of its own facilities. This section relates only to access to rights-of-way and shall not be construed as granting access to the CEVs, huts, cabinets, and similar

structures located on such rights-of-way. Access, if any, to CEVs, huts, cabinets, and similar structures, and to ducts, conduits, and risers which serve no purpose other than to provide a means of entering or exiting such structures, shall be governed by the tariff, agreement, or order, if any, granting Applicant access to such structures.

5.06 Access to Building Entrance Facilities, Building Distribution Facilities, and Equipment Rooms. The parties acknowledge that ownership and control of building entrance and distribution ducts, building entrance and distribution conduits, building entrance and building distribution space, equipment rooms, equipment closets, mechanical rooms, telephone communications rooms, and similar spaces will vary from location to location and that the respective rights of third-party property owners, tenants in buildings owned by third-party property owners, telecommunications carriers, cable television systems, and other providers of telecommunications services with respect to such ducts, conduits, and spaces must be determined on a case-by-case basis. Each party shall, when feasible, directly obtain from third-party property owners such access to building entrance and building distribution ducts, building entrance and building distribution conduits, building entrance and distribution space, equipment rooms, equipment closets, mechanical rooms, telephone communications rooms, and other similar areas as may be needed by such party to serve the building owner and tenants located within buildings owned by third parties or to access other space in the building occupied or to be occupied by such party. In those situations in which Applicant cannot obtain from the building owner access on terms satisfactory to Applicant, Applicant may request access from SWBT as provided in Sections 5.03-5.04 of this Agreement; provided, however, that a separate, building-specific notice of intent to occupy under Section 8.02(b) or license application under Section 9.02, including such additional information as may be necessary to identify the space to be occupied and the facilities to be placed in such space, shall be required for access to the facilities and space subject to this section. Any such notice or application shall conspicuously note on its face that access to building entrance or building distribution facilities or space is being sought. Applicant acknowledges that SWBT must, before providing access to building space and facilities located on or within third-party property, review applicable legal documents and physical arrangements relating to the property, including physical arrangements within the building. Upon completion of that review, SWBT will notify Applicant whether Applicant's request can be granted under this Agreement, will require access arrangements under a tariff or other applicable agreement, or will require other special handling (e.g., direct negotiations with the third-party property owner). Pending such notice, Applicant may not occupy any duct, conduit, or space subject to this section pursuant to Section 8.03 without SWBT's express written consent but may exercise occupancy rights obtained directly from the building owner. If SWBT has lawful authority to provide such access and is required by the Pole Attachment Act to do so, SWBT shall provide Applicant access under this Agreement. Such access shall be negotiated on a case-by-case basis taking into account any special legal, technical, security, or construction considerations applicable to the ducts, conduits, or space which

Applicant seeks to access. Such access, when provided, shall only include access to ducts, conduits, and available space (as distinguished from access to cables and other equipment not subject to the Pole Attachment Act). Such access shall be subject to such reasonable terms and conditions as may be appropriate to protect the equipment and other property of the parties and third parties, the reliability of the parties' networks and the networks of third parties, and the privacy of communications carried over the parties' networks and networks of third parties.

(a) Applicant's access, if any, to building entrance ducts and building entrance conduits entering SWBT-owned buildings (including but not limited to central offices) and access, if any, to other building entrance and building distribution facilities and space located within such buildings shall be arranged under and shall be subject to tariffs, agreements, and, if applicable, commission or court orders establishing such access rights rather than this Agreement.

(b) Applicant's access to and use of building entrance ducts, building entrance conduits, building entrance space, and other building entrance facilities owned and controlled by third-parties shall be obtained by Applicant through direct negotiations between Applicant and the third-party property owners who own and control access to such facilities. If SWBT owns a building entrance duct, building entrance conduit, or other building entrance space, or if SWBT has sufficient control over a building entrance duct, building entrance conduit, or other building entrance space to permit other telecommunications carriers or cable television systems to have access to such ducts, conduits, or space without approval or consent from the third-party property owner, SWBT shall, if adequate capacity is available, and subject to reasonable safety, reliability, and engineering conditions, provide access to Applicant and other telecommunications carriers and cable television systems on a nondiscriminatory, first-come, first-served basis; provided, however, that Applicant agrees to indemnify, on request defend, and hold SWBT harmless from any injury, loss, damage, claim or liability arising out of or in connection with Applicant's access to or use of such building entrance ducts, building entrance conduits, or other building entrance space. Such access shall be granted, on a case-by-case basis, in the form of a license, sublicense, easement, sub-easement, or other mutually acceptable writing and shall not include access to or the right to use SWBT's cables or other SWBT telecommunications equipment occupying such ducts, conduits, or space. Except as otherwise agreed to by the parties, SWBT's charge for such access (obtained from SWBT rather than from the third-party property owner) shall include (1) a pro rata portion of all charges (including but not limited to one-time charges

and recurring charges), if any, paid by SWBT to obtain the building entrance duct, building entrance conduit, or building entrance space and (2) any other documented legal, administrative, engineering and construction costs incurred by SWBT to obtain such duct, conduit, or space, process Applicant's request for access, or prepare the facilities for Applicant's occupancy or use. SWBT's charges to Applicant under this subsection shall be calculated and negotiated on a case-by-case basis.

(c) Applicant's access to and use of building distribution ducts, building distribution conduits, building distribution space, and other building distribution facilities owned and controlled by third-parties shall be obtained by Applicant through direct negotiations between Applicant and the third-party property owners who own and control access to such facilities. If SWBT owns a building distribution duct, building distribution conduit, or other building distribution space, or if SWBT has sufficient control over a building distribution duct, building distribution conduit, or other building distribution space to permit other telecommunications carriers or cable television systems to have access to such duct, conduit, or space without approval or consent from the third-party property owner, SWBT shall, if adequate capacity is available, and subject to reasonable safety, reliability, and engineering conditions, provide access to Applicant and other telecommunications carriers and cable television systems on a nondiscriminatory, first-come, first-served basis; provided, however, that Applicant agrees to indemnify, on request defend, and hold SWBT harmless from any injury, loss, damage, claim or liability arising out of or in connection with Applicant's access to or use of such building distribution ducts, building distribution conduits, or other building distribution space. Such access shall be granted, on a case-by-case basis, in the form of a license, sublicense, easement, sub-easement, or other mutually acceptable writing and shall not include access to or the right to use SWBT's cables or other SWBT telecommunications equipment occupying such ducts, conduits, or space. Except as otherwise agreed to by the parties, SWBT's charges for such access (obtained from SWBT rather than from the third-party property owner) shall include (1) a pro rata portion of all charges (including but not limited to one-time charges and recurring charges) paid by SWBT to obtain the building distribution duct, building distribution conduit, or building distribution space and (2) any other documented legal, administrative, engineering costs and construction costs incurred by SWBT to obtain such duct, conduit, or space, process Applicant's request for access, or prepare the facilities for Applicant's occupancy or use. SWBT's charges to Applicant under this subsection shall be calculated and negotiated on a case-by-case basis.

(d) Access to equipment rooms, equipment closets, mechanical rooms, telephone communications rooms, and similar areas located in buildings owned and controlled by third-parties shall be subject to access as provided in subsection (c); provided, however, that when any such room or space is leased to SWBT on an exclusive basis (as may be the case if the room or space will be used to house remote switching equipment, pair gain equipment, or other network equipment used to provide or support telecommunications services to customers at locations outside the building in which such room is located), access, if any, shall be also subject to facilities collocation tariffs, agreements, or arrangements.

(e) Nothing contained in this section shall be construed as authorizing Applicant to occupy space owned or controlled by third parties or to utilize third-party facilities or property without permission or authority from the owner of such property, where such permission or authority is required. Neither this section nor any license or permission granted under or subject to this section shall be construed as a representation by SWBT to Applicant that Applicant has the right to have access to or occupy any duct, conduit, or space owned and controlled by a third-party property owner or to utilize any telecommunications equipment owned or controlled by SWBT or any third party (including but not limited to owner- or tenant-owned cables, wires, and equipment located on the customer side of any network interface device).

(f) If Applicant has been granted access to a building entrance or building distribution duct, conduit, or space pursuant to this section, Applicant shall, at SWBT's request, relinquish such access to SWBT if it is subsequently determined that Applicant's use of such space will preclude SWBT from meeting carrier- or provider-of-last-resort obligations to customers on the premises affected.

ARTICLE 6: SPECIFICATIONS

6.01 Compliance with Requirements, Specifications, and Standards. Applicant agrees that Applicant's facilities attached to SWBT's poles or occupying space in SWBT's ducts, conduits, and rights-of-way shall be attached, placed, constructed, maintained, repaired, and removed in full compliance with the requirements, specifications, and standards specified in this Agreement.

6.02 Design to Minimize the Need for Access to SWBT's Poles, Ducts, and Conduits. The parties shall each design their facilities to minimize the need for the parties to access SWBT's poles, ducts, and conduits.

6.03 Infrequent Construction Techniques and Connectivity Solutions. Unless precluded by documented engineering criteria or written guidelines SWBT applied to itself as of January 1, 1996, and consistent with considerations of safety, reliability, and sound engineering practice, SWBT will permit Applicant at its own expense to utilize the following techniques to avoid high or unusual expenditures: (a) placement of pole attachments on both the "field" side and "road" side of a pole; (b) placement of extension arms or stand-off brackets on poles; and (c) building conduit branches into SWBT's conduit systems. Applicant acknowledges that use of the above techniques will be rare, will be permitted only on a case-by-case basis, and must be performed in a manner which does not jeopardize the structural integrity of SWBT's facilities, the safety of personnel working on or in SWBT's poles, ducts, or conduits, and does not render unusable other available space on the pole or in the duct or conduit. Except as otherwise agreed to by the parties in writing, extension arms or stand-off brackets, if utilized, shall be installed as make-ready work in accordance with SWBT's specifications and at Applicant's expense. Once installed, extension arms and stand-off brackets shall become part of the pole and shall be owned by SWBT. Unused capacity on any such extension arms or stand-off brackets shall be deemed "available" (as defined in Section 3.07) for assignment.

6.04 Published Standards. SWBT and Applicant agree that the following standards equally apply to either party with respect to facilities attached to or placed in SWBT's poles, ducts, conduits, and rights-of-way and further agree that facilities shall be placed, constructed, maintained, repaired, and removed in accordance with current (as of the date when such work is performed) editions of the following publications:

(a) the Blue Book Manual of Construction Procedures, Special Report SR-TAP-001421, published by Bell Communications Research, Inc. ("Bellcore"), and sometimes referred to as the "Blue Book";

(b) the National Electrical Safety Code ("NESC"), published by the Institute of Electrical and Electronic Engineers, Inc. ("IEEE"); and

(c) the National Electrical Code ("NEC"), published by the National Fire Protection Association ("NFPA").

6.05 Additional Electrical Design Specifications: Conduit. The parties agree that, in addition to the specifications and requirements referred to in Sections 6.01-6.04 above, facilities placed in SWBT's conduit system after the effective date of this Agreement shall meet the electrical design specifications set forth in this section.

(a) No facilities shall be placed in SWBT's conduit system in violation of FCC regulations, including regulations relating to electrical interference.

In addition, neither party shall place any facility in SWBT's conduit system which causes or may cause electrical interference with the facilities of the other party or joint users sufficient to jeopardize network integrity or degrade the quality of any communications services offered by either party or a joint user. If either party is notified by the other party or a joint user that its facilities are causing, or have the potential to cause, unacceptable levels of electrical interference, the party notified shall either correct the problem, remove the facility, or initiate good faith negotiations with the complaining party or joint user to resolve the issue.

(b) Facilities placed in SWBT's conduit system shall not be designed to use the earth as the sole conductor for any part of the circuits.

(c) Facilities placed in SWBT's conduit system and carrying more than 50 volts AC (rms) to ground or 135 volts DC to ground shall be enclosed in an effectively grounded sheath or shield.

(d) No coaxial cable shall be placed in SWBT's conduit system unless such cable meets the voltage limitations of Article 820 of the National Electrical Code.

(e) Coaxial cable placed in SWBT's conduit system may carry continuous DC voltages up to 1800 volts to ground where the conductor current will not exceed one-half ampere and where such cable has two separate grounded metal sheaths or shields and a suitable insulating jacket over the outer sheath or shield. The power supply shall be so designed and maintained that the total current carried over the outer sheath shall not exceed 200 microamperes under normal conditions. Conditions which would increase the current over this level shall be cleared promptly.

(f) The integrity of SWBT's conduit system and overall safety of personnel require that "dielectric cable" be used within SWBT's conduit system when a cable facility utilizes a duct or route shared in the same trench by any electric transmission facilities such as the facilities of a power utility.

6.06 Additional Physical Design Specifications: Conduit. Facilities placed in SWBT's conduit system following the effective date of this Agreement shall meet all of the following physical design specifications:

(a) Except as otherwise specifically agreed in this Agreement or licenses subject to this Agreement, Applicant's facilities shall enter SWBT's

conduit system at locations consistent with the physical design specifications that SWBT applies to itself (typically through a manhole) or at such other designated locations agreed upon in writing (e.g., through the licensing process) by the parties in accordance with Section 6.03 (infrequent construction techniques and connectivity solutions).

(b) Cables bound or wrapped with cloth or having any kind of fibrous coverings or impregnated with an adhesive material shall not be placed in SWBT's conduit or ducts.

(c) Neither party shall circumvent the corrosion mitigation measures of the other party or joint users.

(d) New construction splices in cables (including but not limited to fiber optic and twisted pair cables) shall be located in manholes, pull boxes or handholes.

6.07 Efficient Use of Conduit. To ensure efficient use of conduits, SWBT will, when cable diameters permit, install inner ducts in multiples that fully utilize duct space (typically three or four inner ducts in a full four-inch duct) as needed for SWBT's own business purposes and to accommodate Applicant and other joint users; provided, however, that SWBT will not be required to install inner duct in advance of need or in anticipation of potential future requests for access by Applicant and other joint users. In addition, the parties shall, in accordance with SWBT's duct selection standards, install cables in inner duct when cable diameters permit.

6.08 Specifications Applicable to Connections: Conduit. Except as otherwise specifically agreed in this Agreement or licenses subject to this Agreement, or as mutually agreed upon by the parties in writing, the following specifications apply to connections of Applicant's ducts and conduits to SWBT's conduit system:

(a) Applicant shall not bore, make, or enlarge any hole in, or otherwise structurally modify or alter any manhole, handhole, duct, conduit, or other facility which is part of SWBT's conduit system except as provided in this Agreement, in licenses subject to this Agreement, or as mutually agreed upon by the parties in writing.

(b) Nothing contained in subsection (a) shall be construed as precluding Applicant or qualified personnel acting on Applicant's behalf from reattaching cable racks or performing similar routine work which is minor in nature and associated with the placement and splicing of Applicant's cable.

(c) Where Applicant's duct or facility physically connects with SWBT's conduit system, the section of Applicant's duct or facility which connects to SWBT's conduit system shall be installed by SWBT or its contractor at Applicant's expense (which will be SWBT's actual costs or the price charged SWBT by the contractor performing such work). SWBT will perform this work in an interval consistent with the intervals SWBT performs the same or similar types of work for itself. If SWBT's interval for beginning or completing this work does not meet Applicant's needs, Applicant may arrange for the work to be performed by an authorized contractor selected by Applicant from a list, jointly developed by Applicant and SWBT, of mutually agreed contractors qualified to perform such work. Work performed by an authorized contractor selected by Applicant to perform work under this subsection shall be performed in accordance with both parties' specifications and in accordance with both parties' standards and practices. Each party shall indemnify, on request defend, and hold the other party harmless from any injuries, losses, damages, claims, or liabilities resulting from the performance of work by the indemnifying party or by persons acting on the indemnifying party's behalf under this subsection.

(d) SWBT will have the option to monitor the entrance and exit of Applicant's facilities into SWBT's conduit system and the physical placement of Applicant's facilities in and removal of such facilities from any part of SWBT's conduit system. Notice requirements for such monitoring are addressed in Section 6.11 of this Agreement.

(e) If Applicant constructs or utilizes a duct (other than a duct owned or controlled by SWBT) which is connected to SWBT's conduit system, the duct and all connections between that duct and SWBT's conduit system shall be sealed to prevent the entry of gases or liquids into SWBT's conduit system. If Applicant's duct enters a building, it shall also be sealed where it enters the building and at all other locations necessary to prevent the entry of gases and liquids into SWBT's conduit system.

6.09 General Requirements Relating to Personnel, Equipment, Materials, and Public Safety. Except as otherwise specifically provided in this Agreement, Applicant shall be responsible for selecting the employees and contractors who will perform work on Applicant's behalf on, within, and in the vicinity of SWBT's poles, ducts, conduits, and rights-of-way. Applicant, its contractors, subcontractors, and other vendors acting on Applicant's behalf shall also be responsible for selecting the personnel who perform work on Applicant's behalf at such sites, directing the work performed by such personnel, compensating their respective employees, and complying with all applicable

laws, rules, regulations, and agency orders relating to withholding taxes, social security taxes, and other employment-related taxes. The provisions of this section are intended to protect the integrity of the networks, facilities and operations of SWBT, Applicant and joint users, to protect the health and safety of persons working on, within, or in the vicinity of SWBT's poles, ducts, conduits, and rights-of-way, to assure the financial responsibility of all persons and entities performing work on, within, or in the vicinity of SWBT's poles, ducts, conduits, and rights-of-way, and to protect the public at large. The requirements of this section (other than the provisions of subsection (h)) shall be reciprocal and shall apply to SWBT and personnel acting on SWBT's behalf to the same extent they apply to Applicant.

(a) Contractors, subcontractors, and other vendors, including authorized contractors, performing work on Applicant's behalf on, within, or in the vicinity of SWBT's poles, ducts, conduits, or rights-of-way shall meet the same financial responsibility (insurance and bonding) requirements generally applicable to contractors, subcontractors, and vendors performing work on SWBT's behalf on, within, or in the vicinity of such poles, ducts, conduits, or rights-of-way. SWBT shall advise Applicant of SWBT's requirements and any changes in such requirements. Applicant shall be solely responsible for assuring compliance with such requirements by contractors, subcontractors, and other vendors acting on Applicant's behalf and shall be liable to SWBT for any injury, loss, or damage suffered by SWBT as a result of its failure to do so.

(b) Only properly trained persons shall work on, within, or in the vicinity of SWBT's poles, ducts, conduits, and rights-of-way. Applicant shall be responsible for determining that all such persons acting on Applicant's behalf have proper training.

(c) Neither Applicant nor any person acting on Applicant's behalf shall permit any person to climb or work on SWBT's poles or in the vicinity of SWBT's poles, or enter SWBT's manholes or work within or in the vicinity of SWBT's conduit system, unless such person has the training, skill, and experience required to recognize potentially dangerous conditions relating to the pole or conduit system and to perform the work safely.

(d) Neither Applicant nor any person acting on Applicant's behalf shall permit any person acting on Applicant's behalf to perform any work on, within, or in the vicinity of SWBT's poles, ducts, conduits, or rights-of-way without first verifying, to the extent practicable, on each date when such work is to be performed, that conditions at the work site (including but not limited to the physical condition of the pole or any part of

SWBT's conduit system) are sufficiently safe for the work to be performed. If Applicant or any person acting on Applicant's behalf determines that the condition of any pole, duct, conduit, conduit system, or right-of-way is not safe enough for the work to be performed, Applicant shall notify SWBT of conditions at the site and shall not proceed with the work until Applicant is satisfied that the work can be safely performed.

(e) Neither Applicant nor any person acting on Applicant's behalf shall knowingly permit defective equipment or materials to be used on, within, or in the vicinity of SWBT's poles, ducts, conduits, or rights-of-way.

(f) When Applicant or personnel performing work on Applicant's behalf are working on, within, or in the vicinity of SWBT's poles, ducts, conduits, or rights-of-way located within, under, over, adjacent to, or in the vicinity of streets, highways, alleys or other traveled rights-of-way, such personnel shall follow procedures which Applicant deems appropriate for the protection of persons and property. Applicant and its contractors shall be responsible, at all times, for determining and implementing the specific steps required to protect persons and property at the site. Applicant and its contractors shall provide all traffic control and warning devices required to protect pedestrian and vehicular traffic, workers, and property from danger. Applicant and its contractors shall have sole responsibility for the safety of all personnel performing work on Applicant's behalf, for the safety of bystanders, and for insuring that all operations performed by persons acting on Applicant's behalf conform to current OSHA regulations and all other governmental rules, ordinances or statutes.

(g) Neither Applicant nor any persons acting on Applicant's behalf shall engage in any conduct which damages public or private property in the vicinity of SWBT's poles, ducts, conduits, or rights-of-way, interferes with the use or enjoyment of such public or private property except as expressly permitted by the owner of such property, or creates a hazard or nuisance on such property (including but not limited to a hazard or nuisance resulting from any abandonment of Applicant's facilities, failure to remove such facilities or any construction debris from the property, failure to erect warning signs or barricades as may be necessary to exclude others from the premises or give notice to others of unsafe conditions on the premises while work performed on Applicant's behalf is in progress, or failure to restore the property to a safe condition after such work has been completed).

(h) Applicant shall promptly suspend activities on, within, or in the vicinity of SWBT's poles, ducts, conduits, or rights-of-way (other than sites owned or controlled by Applicant) if notified by SWBT that such activities create an unreasonable risk of injury to persons or property (including unreasonable risks of service interruptions). Applicant shall not resume such activities on or in the vicinity of SWBT's poles or rights-of-way until Applicant is satisfied that the work may safely proceed and that any hazardous conditions at the site have been rectified and shall not resume such activities within or in the vicinity of SWBT's conduit system until both Applicant and SWBT are satisfied that the work may safely proceed and that hazardous conditions at the site have been rectified. In the event that SWBT requires Applicant to suspend work activities and it is later determined that there was no reasonable basis for the work suspension, SWBT shall reimburse Applicant for actual costs resulting from the delay.

(i) All personnel acting on Applicant's behalf shall, while working on or in SWBT's poles, ducts, conduits, or rights-of-way, carry with them suitable identification and shall, upon the request of any SWBT employee or representative, produce such identification.

(j) Applicant and persons acting on Applicant's behalf are encouraged to report unsafe conditions on, within, or in the vicinity of SWBT's poles or conduit system to SWBT.

(k) Applicant shall establish sufficient controls and safeguards to assure compliance with all provisions of this section.

6.10 Specific Requirements Relating to Personnel, Equipment, Materials, and Construction Practices Within or in the Vicinity of SWBT's Conduit Systems. When Applicant, its contractors, and other persons acting on Applicant's behalf perform work for Applicant within or in the vicinity of SWBT's ducts, conduits, and rights-of-way where such ducts or conduits are located, they will be guided by the following:

(a) Except as may be mutually agreed upon by the parties in writing, Applicant shall not "rod" or clear any duct or inner duct in SWBT's conduit system other than a duct or inner duct assigned to Applicant. Following the assignment of a specific duct or inner duct to Applicant, Applicant may request that SWBT rod or clear the duct or inner duct. If the duct or inner duct cannot be cleared, SWBT will assign the next available duct or inner duct to Applicant. Applicant's request for assignment of the next available duct shall be in writing, may be

transmitted to SWBT via fax or other transmission media mutually agreed upon by the parties, and shall be processed within the same intervals applicable to the processing of similar requests by SWBT's own personnel.

(b) Personnel performing work within SWBT's conduit system on either party's behalf shall not climb on, step on, or otherwise disturb the cables, air pipes, equipment, or other facilities located in any manhole or other part of SWBT's conduit system.

(c) Personnel performing work within or in the vicinity of SWBT's conduit system (including any manhole) on either party's behalf shall, upon completing their work, make reasonable efforts to remove all tools, unused materials, wire clippings, cable sheathing and other materials brought by them to the work site.

(d) All of Applicant's facilities shall be firmly secured and supported in accordance with Bellcore and industry standards and any applicable construction standards adopted by SWBT and applicable to SWBT's own facilities.

(e) Applicant's facilities shall be plainly identified with Applicant's name in each manhole with a firmly affixed permanent tag that meets the identification standards set by SWBT for its own facilities.

(f) Manhole pumping and purging required in order to allow Applicant's work operations to proceed shall be performed by Applicant or its contractor in accordance with the requirements of Sections 6.14 and 6.15 of this Agreement.

(g) Planks or other types of platforms shall be supported only by cable racks.

(h) Any leak detection liquid or device used by Applicant or personnel performing work on Applicant's behalf within or in the vicinity of SWBT's conduit system shall be of a type approved by SWBT and included on SWBT's then-current list of approved types of leak-detection liquids and devices; provided, however, that Applicant may use any type of leak detection liquid or device which meets Bellcore's published standards if SWBT has not provided Applicant SWBT's list of approved types of leak detection liquids or devices at least 60 days in advance of Applicant's work.

(i) Applicant and its contractors shall be responsible for providing proper ventilation while work is being performed in SWBT's conduit system on Applicant's behalf. Except for protective screens, no temporary cover shall be placed over an open manhole unless it is at least four feet above the surface level of the manhole opening.

(j) Smoking or the use of any open flame is prohibited in manholes, in any other portion of the conduit system, or within 10 feet of any open manhole entrance.

(k) Artificial lighting, when required by Applicant, will be provided by Applicant. Only explosion-proof lighting fixtures shall be used.

(l) Neither Applicant nor personnel performing work on Applicant's behalf shall allow any combustible gas, vapor, liquid, or material to accumulate in SWBT's conduit system (including any manhole) during work operations performed within or in the vicinity of SWBT's conduit system.

(m) Applicant shall comply with the standards set by SWBT for its own personnel restricting the use of spark producing tools, equipment, and devices (including but not limited to such tools as electric drills and hammers, meggers, breakdown sets, induction sets, and the like) in manholes and other portions of SWBT's conduit system, provided that such standards have been communicated in writing to Applicant at least 60 days in advance of the construction, installation, or placement of Applicant's facilities within SWBT's conduit system.

(n) Cable lubricants used in conduit systems shall be of a type or types approved by SWBT and included on SWBT's then-current list of approved types of cable lubricants; provided, however, that Applicant may use any type of cable lubricant which meets Bellcore's published standards if SWBT has not provided Applicant SWBT's list of approved types of cable lubricants at least 60 days in advance of Applicant's work.

6.11 Opening of Manholes and Access to Conduit. The following requirements apply to the opening of SWBT's manholes and access to SWBT's conduit system.

(a) Applicant will notify SWBT not less than 48 hours in advance before entering SWBT's conduit system to perform non-emergency work operations. Such operations shall be conducted during normal business hours except as otherwise agreed by the parties. The notice shall state

the general nature of the work to be performed. As a courtesy, Applicant shall, when feasible, provide SWBT with 10 working days advance notice before entering SWBT's conduit system. SWBT shall, within 10 working days after the effective date of this Agreement, advise Applicant of the manner in which notices required by this section shall be given.

(b) An authorized employee or representative of SWBT may be present as a construction inspector at any time when Applicant or personnel acting on Applicant's behalf enter or perform work within SWBT's conduit system. Such inspectors may inspect the performance and quality of the work and monitor the work for compliance with the terms, conditions, and specifications of this Agreement or, in the case of facilities modification, capacity expansion or make-ready work, the plans and specifications of the facilities modification, capacity expansion, or make-ready project. When SWBT inspectors are present, Applicant and its contractors shall have sole authority, responsibility, and control over the method or manner by which the work is to be performed. SWBT's inspectors may call violations to Applicant's attention but shall have no authority to direct or advise Applicant or personnel acting on Applicant's behalf concerning the method or manner by which the work is to be performed; provided, however, that nothing contained in this subsection shall relieve Applicant from complying with any requirements of this Agreement.

(c) The parties contemplate that Applicant may need to perform operations in SWBT's conduit system other than during normal business hours and may on occasion require access to manholes on shorter notice than contemplated in subsection (a) above. Under these circumstances, Applicant shall notify SWBT as soon as is reasonably possible of its intent to enter and perform work in the conduit system and SWBT shall not, without due cause and justification, insist on literal compliance with scheduling requirements of subsection (a). SWBT will establish procedures enabling SWBT to receive notices from Applicant under this subsection 24 hours a day, seven days a week.

(d) Each party must obtain any necessary authorization from appropriate authorities to open manholes for such party's own conduit work and operations therein.

(e) Applicant shall reimburse SWBT for costs associated with the presence of construction inspectors only as specified in APPENDIX I and only as permitted by applicable laws, rules, regulations, and commission orders.

SWBT shall not charge Applicant for more than one such construction inspector per site at any given time.

(f) If the presence of SWBT personnel at the site is requested by Applicant or, in Applicant's opinion, is integral to successful completion of the work, Applicant shall pay the costs of having such personnel present.

6.12 OSHA Compliance. The parties agree that:

(a) facilities attached to SWBT's poles or placed in SWBT's ducts, conduits, and rights-of-way shall be constructed, placed, maintained, repaired, and removed in accordance with the Occupational Safety and Health Act (OSHA) and all rules and regulations promulgated thereunder;

(b) all persons acting on such party's behalf shall, when working on, within, or in the vicinity of SWBT's poles, ducts, conduits, or rights-of-way, comply with OSHA and all rules and regulations thereunder; and

(c) Applicant shall establish appropriate procedures and controls to assure compliance with all requirements of this section.

6.13 Hazardous Substances. Applicant acknowledges that, from time to time, hazardous substances (as defined in Section 3.19 of this Agreement) may enter SWBT's conduit system and accumulate in manholes or other conduit facilities and that hazardous substances may be present at other sites where SWBT's poles, ducts, conduits, or rights-of-way are located.

(a) Applicant may, at its expense, perform such inspections and tests at the site of any pole, duct, conduit, or right-of-way occupied by or assigned to Applicant as Applicant may deem necessary to determine the presence at such sites of hazardous substances. SWBT will assist Applicant, at Applicant's request and expense, in the performance of such inspections and tests.

(b) SWBT makes no representations to Applicant or personnel performing work on Applicant's behalf that SWBT's poles, ducts, conduits, or rights-of-way will be free from hazardous substances at any particular time. Before entering a manhole or performing any work within or in the vicinity of SWBT's conduit system or any other site subject to access under this Agreement, Applicant or personnel acting on Applicant's behalf shall independently determine, to their satisfaction,

whether such hazardous substances are present and conduct their work operations accordingly.

(c) Each party shall promptly notify the other of hazardous substances known by such party to be present on, within or in the vicinity of poles, ducts, conduits, or rights-of-way occupied by or assigned to Applicant pursuant to this Agreement if, in the sole judgment of such party, such hazardous substances create a serious danger to (1) the health or safety of personnel working within or in the vicinity of the conduit or (2) the physical condition of the other party's facilities placed or to be placed within the conduit.

(d) Nothing contained in this Agreement (including but not limited to the acknowledgments and representations set forth in this section) shall relieve either party from its responsibility to comply with all applicable environmental laws or its responsibility for any liability arising out of such party's failure to comply with such laws. Nothing contained in this Agreement shall be construed as relieving SWBT of liability for hazardous substances present at any site subject to this Agreement or as relieving either party of liability for introducing hazardous substances to the site or causing or contributing to the release of any such substances. Failure to comply with the requirements of this section may, however, be considered in determining issues relating to negligence, causation of injury, and comparative responsibility for injuries to persons, property, and the environment.

6.14 Compliance with Environmental Laws and Regulations. Applicant and SWBT agree to comply with the following provisions relating to compliance with environmental laws and regulations.

(a) Facilities attached to SWBT's poles or placed in SWBT's ducts, conduits, and rights-of-way following the effective date of this Agreement shall be constructed, placed, maintained, repaired, and removed in accordance with all applicable federal, state, and local environmental statutes, ordinances, rules, regulations, and other laws.

(b) All persons acting on Applicant's or SWBT's behalf, including but not limited to the parties' employees, agents, contractors, and subcontractors, shall, when working on, within or in the vicinity of SWBT's poles, ducts, conduits, or rights-of-way, comply with all applicable federal, state, and local environmental laws, including but not limited to all environmental statutes, ordinances, rules, and regulations. Applicant and personnel acting on Applicant's behalf are expected to be

familiar with their obligations under environmental laws such as the Comprehensive Environmental Response, Compensation, and Liability Act (42 U.S.C. §§ 9601 et seq.), the Toxic Substance Control Act (15 U.S.C. §§ 2601-2629), the Clean Water Act (33 U.S.C. §§ 1251 et seq.), and the Safe Drinking Water Act (42 U.S.C. §§ 300f-300j).

(c) The parties shall each establish appropriate procedures and controls to assure compliance with all requirements of this section.

(d) From and after the effective date of this Agreement, neither party nor personnel acting on either party's behalf shall discharge or release hazardous substances onto or from the site of any SWBT pole, duct, conduit, or right-of-way. Neither Applicant nor SWBT nor personnel acting on either party's behalf shall discharge water or any other substance from any SWBT manhole or other conduit facility onto public or private property, including but not limited to any storm water drainage system, without first determining that such discharge would not violate any environmental law, create any environmental risk or hazard, or damage the property of any person. Applicant will be expected to test such water or substance for hazardous substances in accordance with then-applicable SWBT standards and practices.

(e) Applicant and SWBT and all personnel performing work on Applicant's or SWBT's behalf shall, when working on, within, or in the vicinity of SWBT's poles, ducts, conduits, and rights-of-way, comply with such additional standards, practices, and requirements as SWBT may from time to time adopt to comply with environmental laws, provided that such standards are communicated in writing to Applicant at least 60 days in advance of Applicant's work.

6.15 Compliance with Other Governmental Requirements (Including Aeronautical Navigation Safeguards). Facilities attached to SWBT's poles or placed in SWBT's ducts, conduits, and rights-of-way shall be constructed, placed, maintained, repaired, and removed in accordance with the ordinances, rules, and regulations of any governing body having jurisdiction of the subject matter (including but not limited to any valid ordinances, rules, and regulations requiring permits, certificates, licenses or the like). Applicant and SWBT shall comply with all statutes, ordinances, rules, regulations, and other laws requiring the marking and lighting of aerial wires, cables, and other structures to ensure that such wires, cables, and structures are not a hazard to aeronautical navigation.

6.16 Differences in Specifications. To the extent that there may be differences in the specifications, the most stringent specification will apply except as otherwise

specifically provided by SWBT in writing. Applicant will consult with SWBT when Applicant is uncertain as to which specification is to be followed.

6.17 Responsibility for the Condition of Facilities. Each party will be responsible at all times for the condition of its facilities (including but not limited to those extending from SWBT's poles, ducts, conduits, or rights-of-way directly to any other location) and for its compliance with the requirements and specifications of this article and all applicable laws, rules, regulations, and ordinances.

ARTICLE 7: PRIMARY POINTS OF CONTACT, ACCESS TO RECORDS, AND PRE-OCCUPANCY INSPECTIONS

7.01 Designation of Primary Points of Contact. Each party will, at the request of the other party, designate a primary point of contact to facilitate communications between the parties and the timely processing of Applicant's applications for access to SWBT's poles, ducts, conduits, and rights-of-way located within this State. Designations of primary points of contact will be made by written notices including the name, title, address, phone number, and fax number of the person designated as the primary point of contact; provided, however, that unless and until a different designation is made, SWBT's primary point of contact shall be the Utility Liaison Supervisor identified in APPENDIX VIII. Designation of primary points of contact pursuant to this section will not affect notice requirements or other legal requirements set forth in other provisions of this Agreement.

7.02 Determinations by Applicant of Suitability and Availability. Applicant shall make its own, independent assessment of the suitability of SWBT's poles, ducts, conduits, and rights-of-way for Applicant's intended purposes.

7.03 Access to Records Relating to SWBT's Poles, Ducts, Conduits, and Rights-of-Way. This section establishes procedures through which certain records and information relating to SWBT's poles, ducts, conduits, and rights-of-way will be made available to Applicant for planning and other purposes. Access to such records and information will be conditioned on Applicant's execution of a nondisclosure agreement equivalent in substance to the Nondisclosure Agreement attached to this Agreement as APPENDIX V or such other nondisclosure agreement as shall be mutually acceptable to the parties, and no person acting on Applicant's behalf will be granted access to such records and information without first signing such a nondisclosure agreement. Applicant will reimburse SWBT for all reasonable costs incurred by SWBT in granting Applicant's requests for access to records and information under this section.

(a) Applicant may, at any time after the effective date of this Agreement, request permission to inspect SWBT's pole and conduit maps and records, cable plat maps, and other plant location records, if any,

recording or logging assignments of pole, duct, and conduit space. Applicant will be permitted to examine these records during regular business hours at a location where copies of such records are maintained or at such other location as may be mutually agreed upon by the parties. Access to such maps and records will be by appointment only, and SWBT will make such maps and records available for inspection by Applicant on two business days advance notice; provided, however, that Applicant will, as a courtesy, when feasible, provide SWBT with 10 business days advance notice of its intent to examine such records.

(b) The access described in subsection (a) shall include the right to make copies, at Applicant's expense, except for cable plat maps, which shall be made available for inspection only. In all instances, such access shall include the ability to take notes and make drawings with references to those maps and records. No references to cable counts or circuit information may be included in any such copies, notes, or drawings. With respect to other cable-specific or customer-specific information, Applicant's copies, notes, or drawings may include only such information as needed for bona fide engineering and construction purposes (e.g., proposing cable consolidations and identifying plant discrepancies) and not for sales, marketing, competitive intelligence, competitive analysis, strategic planning, and similar activities. Applicant's copies, notes, and drawings may include estimates regarding the physical characteristics (such as size and weight) of cables when necessary to make engineering determinations regarding the capacity, safety, reliability, or suitability of SWBT's poles, ducts, conduits, and rights-of-way for Applicant's intended uses.

(c) SWBT will provide Applicant the best information available from SWBT's current pole and conduit maps and records, cable plat maps, and other outside plant and construction records. SWBT represents that such records reflect approximate geographical locations of the facilities depicted and may not accurately reflect information such as:

(1) the exact location of the facilities depicted;

(2) the physical size, characteristics, or condition of the facilities depicted;

(3) the ducts or inner ducts presently occupied, assigned, or available within any particular conduit segment or manhole;

(4) the arrangement of facilities attached to a pole, the position of facilities suspended between poles or their relationship to each other and to the ground, or the positioning of cables and other facilities housed within ducts, conduits, manholes or other portions of SWBT's conduit system; and

(5) other information which must be assessed before it can be determined that space is available on or in a pole, duct, or conduit for the attachment or occupancy of Applicant's facilities or that the poles, ducts, or conduits depicted are suitable for Applicant's intended use.

7.04 Pre-occupancy Inspection of Poles, Ducts, Conduits, and Rights-of-Way. Applicant shall be permitted to view and inspect specified poles, ducts, conduits, and rights-of-way on a pre-occupancy basis as provided in this section.

(a) After the effective date of this Agreement, Applicant may view specified poles, ducts, conduits, and rights-of-way on a pre-occupancy basis. Nothing contained in this section shall preclude Applicant from visually inspecting SWBT's poles, ducts, conduits, or rights-of-way from any vantage point lawfully accessible to Applicant without SWBT's permission.

(b) Applicant shall not enter any SWBT manhole for the purpose of performing a pre-occupancy inspection without complying with all applicable requirements set forth in Article 6 of this Agreement, including but not limited to the provisions of Section 6.11 relating to the opening of manholes.

ARTICLE 8: POLE, DUCT, AND CONDUIT SPACE ASSIGNMENTS

8.01 Selection of Space. Applicant will select the space Applicant will occupy on SWBT's poles or in SWBT's conduit systems. Applicant's selections will be based on the same criteria SWBT applies to itself. To enable Applicant to make such selections in accordance with SWBT's criteria, SWBT will provide Applicant information about the network guidelines and engineering protocols used by SWBT in determining the placement of facilities on SWBT's poles and in SWBT's conduit systems. In conduit systems owned or controlled by SWBT, maintenance ducts (as defined in Section 3.25) shall not be considered available for Applicant's use except as specifically provided elsewhere in this Agreement. All other ducts, inner ducts, sub-ducts, and partitioned conduits which are not assigned or occupied shall be deemed available for use by SWBT, Applicant, and third parties entitled to access under the Pole Attachment Act.

8.02 Pole, Duct, and Conduit Space Assignments. Pole, duct, and conduit space selected by Applicant will be assigned to Applicant as provided in this section. Information received by SWBT in connection with this section shall be subject to the provisions of Article 28 of this Agreement (Confidentiality of Information).

(a) After Applicant's application for a pole attachment or conduit occupancy license has been received by SWBT, the pole, duct, and conduit space selected by Applicant in such application will be assigned to Applicant for a pre-occupancy period not to exceed 12 months. The assignment (and date and time of assignment) will be logged and recorded in the appropriate SWBT records. If such space has been provisionally assigned to Applicant as authorized below in subsection (b), the 12-month pre-occupancy assignment period will begin on the date the provisional assignment is recorded in SWBT's records or the date of SWBT's receipt of Applicant's notice of intent to occupy under subsection (b), whichever date first occurs.

(b) SWBT shall, within 60 days after the effective date of this Agreement, adopt interim procedures which will enable pole, duct, and conduit space to be provisionally assigned to Applicant and other applicants prior to the submission of formal applications required pursuant to Section 9.02 of this Agreement. Where indicated below, the interim procedures will apply to the assignment of space to SWBT as well as to Applicant and other applicants. SWBT may, on 60 days advance notice to Applicant, revise such interim procedures if such procedures prove to be unworkable, in which event Applicant may challenge SWBT's decision in accordance with procedures available to Applicant under applicable federal and state laws and regulations. The procedures will enable Applicant and other applicants, by written notice, to advise SWBT of their intent to occupy unassigned space which appears, from SWBT's records, to be available for assignment. Upon receipt of such notice, SWBT shall date-and-time stamp the notice and provisionally assign the space selected by Applicant or such other applicant by logging and recording the assignment (and date and time of assignment) in the appropriate SWBT records, which records will be available for inspection as provided in Section 7.03 of this Agreement. Space provisionally assigned to Applicant or such other applicant will not be available for assignment to any other person or entity, including SWBT. Notwithstanding such provisional assignment, Applicant shall not occupy such space without first obtaining a license, except as provided in Section 8.03. The following additional requirements shall apply.

(1) Before giving SWBT notice of its intent to occupy unassigned space, Applicant shall make a good faith determination that it actually plans to occupy such space. The assignment process shall not be used by either party for the purpose of holding or reserving space which such party does not plan to use or for the purpose of precluding SWBT or any other person or entity from utilizing or having access to SWBT's poles, ducts, conduits, or rights-of-way.

(2) With respect to unassigned conduit occupancy space, the notice must include all information required to enable SWBT and joint users, including other persons or entities which may from time to time seek space in the same ducts and conduits, to determine the specific space which Applicant desires to occupy. The notice must, therefore, include, at a minimum, the following information:

(i) the specific conduit sections, and each manhole, to be occupied;

(ii) the number of ducts, and number of inner ducts, to be occupied by Applicant within each conduit section;

(iii) the physical size (diameter) of the cables to be placed in such duct, if known, or the maximum and minimum sizes of the cables which may be placed if more than one size cable is being considered for the space to be occupied;

(iv) the anticipated use by Applicant of any infrequent construction techniques and connectivity solutions authorized under Section 6.03 to avoid high or unusual expenditures;

(v) Applicant's best estimates of the dates when Applicant plans to begin and complete construction at the sites specified in the notice;

(vi) if applicable, a conspicuous statement that Applicant intends to occupy the space before the issuance of a license, as provided in Section 8.03 of this Agreement; and

(vii) if applicable, a conspicuous statement, as required by Section 5.06 of this Agreement, that the notice pertains to a building entrance or building distribution duct or conduit or other space within a building.

(3) With respect to unassigned pole space, such notice must include all information required to enable SWBT and other joint users, including other persons or entities seeking space on the same poles, to determine the specific space which Applicant desires to occupy. The notice must, therefore, include, at a minimum, the following information:

(i) the specific poles to be occupied;

(ii) the specific space on each pole to be occupied, including the height (distance from the ground) of the attachment and the side (road or field) where the attachment is to be made;

(iii) the anticipated number and types of cables to be attached, together with the anticipated physical size (diameter) and weight (weight per foot) of such cables, and the anticipated number and types of strands, if any, to be used to support the cables, such information to be sufficient to give notice to SWBT and other joint users of the remaining space on the pole available and what facilities modification, capacity expansion, or make-ready work may be required of subsequent applicants as a result of the provisional assignment of space to Applicant;

(iv) the anticipated use by Applicant of any infrequent construction techniques and connectivity solutions authorized under Section 6.03 to avoid high or unusual expenditures;

(v) Applicant's best estimates of the dates when Applicant plans to begin and complete construction at the sites specified in the notice; and

(vi) if applicable, a conspicuous statement that Applicant intends to occupy the space before the issuance of a license, as provided in Section 8.03 of this Agreement.

(4) No later than 30 days after giving such notice, Applicant shall file an application under Section 9.02 or the provisional assignment will lapse.

(5) As stated in Section 7.03(c), SWBT does not represent that its records accurately reflect the information necessary to enable Applicant to rely upon a records-based assignment process. SWBT

shall have no duty to verify that space provisionally assigned pursuant to this subsection is actually available.

(c) Assignments made prior to the issuance of a license will be provisional assignments and will be subject to modification if it is subsequently determined that the space selected by or assigned to Applicant is already occupied or that a different assignment is required to comply with SWBT's standards for assigning pole, duct, and conduit occupancy space.

(d) Applicant's obligation to pay semiannual pole attachment or conduit occupancy fees will commence from the date of assignment or provisional assignment, as logged and recorded in the appropriate SWBT records.

(e) During the 12-month assignment period following the date space is assigned to Applicant and entered into the appropriate SWBT record, SWBT shall not occupy or use such space without Applicant's permission, shall not assign such space to any party other than Applicant, and shall not knowingly permit any party other than Applicant to occupy or use such space without Applicant's permission except as otherwise specifically provided in this Agreement. The assignment to Applicant will automatically lapse 12 months after the date the assignment has been entered into the appropriate SWBT record if Applicant has not occupied such assigned space within such 12-month period; provided, however, that if Applicant's failure to occupy the space within such 12-month period results from SWBT's failure to perform make-ready work on schedule, the parties shall negotiate a single extension of the assignment period, which extension shall not extend the assignment period beyond three months from the date of completion of SWBT's make-ready work; and, provided further, that if Applicant can demonstrate that its failure to occupy the space within such 12-month period results from the actions of SWBT or third parties other than persons acting on Applicant's behalf, or from acts of God, the assignment may be extended for a period no longer than three months from the date Applicant is first able to commence construction activities at the site involved. Assignments to third parties shall be subject to the same rules applicable to Applicant under this subsection. Extensions permitted under this subsection must be requested in writing before expiration of the original 12-month period and shall be recorded on the appropriate SWBT records available for inspection under Section 7.03.

(f) SWBT may assign space to itself by making appropriate entries in the same records used to log assignments to Applicant and third parties. If SWBT assigns pole, duct, or conduit space to itself, such assignment will automatically lapse 12 months after the date the assignment has been entered into the appropriate SWBT record if SWBT has not occupied such assigned space within such 12-month period; provided, however, that if SWBT's failure to occupy the space within such 12-month period results from the actions of Applicant or third parties other than persons acting on SWBT's behalf, or from acts of God, SWBT's assignment may be extended for a period no longer than three months from the date SWBT is able to commence construction at the site involved. Extensions permitted under this subsection must be recorded before expiration of the original 12-month period on the appropriate SWBT records available for inspection under Section 7.03.

(g) If facilities modifications, capacity expansions, or other make-ready work are required due to the assignment of space to either party under this section, the party to whom such space has been assigned will reimburse the person or entity incurring the costs for such facilities modifications, capacity expansions, or make-ready work if the party to whom such space has been assigned fails to occupy the assigned space within the 12-month assignment period or any extension thereof.

(h) Except as provided in subsections (e)-(f) above, assignments shall not be extended, renewed, or sequentially repeated in any manner (other than by actual occupancy) that enables Applicant, SWBT, or any joint user to preclude access by others to unused pole attachment or conduit occupancy space for any period greater than 12 months after the date of initial assignment.

(i) At Applicant's election, Applicant may file an application for access which specifically requests that the space sought by Applicant not be assigned to Applicant immediately and not be recorded immediately in the SWBT records available for inspection by other telecommunications carriers, cable television systems, or other providers of telecommunications services under Section 7.03 of this Agreement. In that event, the space sought by Applicant will not be assigned to Applicant and will remain available for assignment to others without restriction until such time as such space is formally assigned to Applicant in accordance with Applicant's written instructions and the assignment is recorded in the records available for inspection under Section 7.03. The assignment shall be made no later than the date of issuance to Applicant of a license confirming that Applicant has the

right to occupy the space described in the license. In the event that Applicant elects to proceed under this subsection, Applicant's obligation to pay pole attachment and conduit occupancy fees shall not commence until the date the assignment is recorded in the appropriate SWBT records and Applicant shall bear the risks that (1) the space sought by Applicant will be assigned to and occupied by another person or entity or (2) circumstances will occur which may require that SWBT reevaluate Applicant's application and repeat the field inspection portion of the pre-license survey at Applicant's expense.

(j) Notices and applications including assignment requests will be date- and time-stamped on receipt. Because space will be selected and further assignments made based on entries logged and recorded in the appropriate SWBT records, the date and time of assignment will be the date and time when the assignment is recorded rather than the date and time of receipt of the application or notice requesting such assignment. Although SWBT's clerical personnel will promptly process assignment requests included in applications and notices transmitted to SWBT by mail, courier, fax, or other transmission media, SWBT shall not be liable for any failure by Applicant to obtain the space desired by Applicant due to delay in logging assignment requests. Applicant acknowledges that, to maximize the probability that Applicant will be assigned the space Applicant desires, Applicant should, when possible, submit applications and notices including assignment requests in person to SWBT at the site where the applicable records are maintained and should countersign the entry reflecting the assignment and time of assignment.

8.03 Immediate Occupancy. SWBT shall, within 60 days after the effective date of this Agreement, adopt interim procedures which will provide Applicant the ability to attach or place facilities on or in SWBT's poles, ducts, conduits, and rights-of-way on an immediate basis when such space is available for Applicant's use and no make-ready work or infrequent construction techniques or connectivity solutions are required. SWBT may, on 60 days advance notice to Applicant, revise or terminate such interim procedures if they prove to be unworkable, in which event Applicant may seek renegotiation of this Agreement or challenge SWBT's decision in accordance with procedures available to Applicant under applicable federal and state laws, regulations, and commission orders. The special procedures established under this section shall supplement, rather than replace, the regular assignment and licensing procedures set forth in Articles 8-10 of this Agreement, are intended to be used only under special circumstances (e.g., when the regular procedures allow insufficient time to meet customer service commitments or resolve non-routine construction or network contingencies), shall not be used on a routine basis, and shall be consistent with subsections (a)-(f) below.

(a) Upon giving SWBT the notice required by this subsection, Applicant may immediately occupy space assigned or provisionally assigned to Applicant pursuant to Section 8.02 of this Agreement. The notice shall be contained in either a notice of intent to occupy as provided in Section 8.02(b) or a license application under Section 9.02. Applicant shall not give such notice or occupy such space without first reviewing SWBT's records and determining that the records reflect that the space sought is available.

(b) Applicant shall not occupy space which has not been assigned or provisionally assigned to Applicant. The assignment must be recorded on the appropriate SWBT records, as provided in Section 8.02, prior to Applicant's occupancy. If Applicant subsequently determines that the records are inaccurate and that the space assigned to Applicant is not available, or that the space assigned is not suitable for Applicant's intended use, Applicant shall, within one business day, notify SWBT in writing that it no longer intends to occupy the space earlier assigned and is releasing the assignment. Except as otherwise provided in this subsection, Applicant shall not occupy other space on the pole or in the duct or conduit without first obtaining an assignment or provisional assignment of the space which Applicant will occupy. To avoid high or unusual expenditures resulting from unanticipated conditions at the site, Applicant may occupy space not assigned to Applicant subject to the following terms and conditions.

(1) Applicant may occupy the next available space shown on SWBT's records as available at the time of Applicant's last review of the records. Applicant shall not knowingly occupy space occupied by or assigned to SWBT or any third party without consent of the party to whom the space has been assigned.

(2) Within one business day after occupying such space, Applicant shall submit to SWBT a written notice of intent to occupy or an application for the space occupied showing the reason for Applicant's use of the space occupied.

(3) Applicant shall bear the risk that space occupied by Applicant pursuant to this section was assigned to SWBT or a third party during the period between Applicant's last review of the records and Applicant's occupancy of such space. After occupying space not previously assigned to Applicant, Applicant shall review the records and promptly notify the affected party if Applicant determines that it has occupied space assigned to such party. At the request of the

party to whom such space has been assigned, Applicant shall, within 24 hours, or within such other period of time mutually agreed to by the parties affected, remove its facilities from the space in question if the parties affected cannot reach an acceptable alternative solution. SWBT and Applicant anticipate that all parties affected will act in good faith to work out acceptable solutions and that the parties affected will not insist on strict adherence to the 24-hour removal requirement unless there is a legitimate business need for compelling removal within such time period.

(4) SWBT shall be entitled to recover from Applicant actual costs, if any, directly incurred by SWBT as a result of Applicant's decision under this subsection to occupy space subject to a valid prior assignment to SWBT. Applicant shall indemnify, on request defend, and save SWBT harmless from any injury, loss, damage, liability, or claim asserted against SWBT by any third party resulting from Applicant's decision under this subsection to occupy space assigned to such third party.

(c) Nothing in this section authorizes Applicant to place its facilities on or in any pole, duct, or conduit space already occupied by the facilities of SWBT or a third party, even if the presence of such facilities is not reflected on SWBT's records.

(d) Nothing in this section authorizes Applicant, without first obtaining SWBT's written authorization, to (1) place its facilities on any pole or in any duct or conduit that requires make-ready work (other than third-party make-ready work arranged directly by Applicant) or (2) utilize any infrequent construction technique or connectivity solution described in Section 6.03.

(e) If Applicant has not done so already, within 24 hours after occupying space pursuant to this section, Applicant will submit to SWBT an application for the space occupied as provided in Section 9.02 of this Agreement. The application may be submitted by fax.

(f) Applicant will bear all risks resulting from the possibility that assigned space which appears from the records to be available is not available or in suitable condition to be used by Applicant and shall indemnify, on request defend, and hold SWBT harmless from any injury, loss, damage, claim, or liability (including but not limited to third-party claims) resulting from Applicant's occupancy of space in violation of this section.

ARTICLE 9: APPLICATIONS AND PRE-LICENSE SURVEYS

9.01 Licenses Required. Except as otherwise specifically permitted in this Agreement, Applicant shall apply in writing for and receive a license before attaching facilities to specified SWBT poles or placing facilities within specified SWBT ducts, conduits, manholes, or handholes. License applications and information received by SWBT in connection with such applications shall be subject to the provisions of Article 28 of this Agreement (Confidentiality of Information).

9.02 Application Form. To apply for a pole attachment or conduit occupancy license under this Agreement, Applicant shall submit to SWBT two signed copies of the appropriate application forms. SWBT represents that the forms specified in subsections (a)-(b) are forms in use prior to the effective date of this Agreement and that SWBT is in the process of revising such forms to conform to the provisions of this Agreement and to streamline the application process. The parties therefore agree that the forms specified in subsections (a) and (b) will be interim forms only. SWBT reserves the right to change the format and content of these forms upon 60 days written notice to Applicant.

(a) To apply for a pole attachment license, Applicant shall submit to SWBT two signed copies of SWBT's Form SW-9434 ("Access Application and Make-Ready Authorization") together with completed Form SW-9433 ("Pole Attachments"). An application for a pole attachment license will not be complete or subject to processing by SWBT until these forms have been submitted to SWBT; provided, however, that such forms will be deemed to be substantially complete if they contain the information specified in subsections (c)-(h) below, as applicable. Copies of Forms SW-9433 and SW-9434 are attached to this Agreement as parts of APPENDIX III.

(b) To apply for a conduit occupancy license, Applicant shall submit to SWBT two signed copies of SWBT's Form SW-9434 ("Access Application and Make-Ready Authorization") together with completed Form SW-9435 ("Conduit Occupancy"). An application for a conduit occupancy license will not be complete or subject to processing by SWBT until these forms have been submitted to SWBT; provided, however, that such forms will be deemed to be substantially complete if they contain the information specified in subsections (c)-(h) below, as applicable. Copies of Forms SW-9434 and SW-9435 are attached to this Agreement as parts of APPENDIX III.

(c) Each application for a license under this Agreement shall include, at a minimum, the following information:

(1) the poles, ducts, and conduits (including all manholes) along Applicant's proposed route to or within which Applicant desires to attach or place its facilities;

(2) a description of the facilities to be attached to SWBT's poles and a description of the facilities to be placed within each component of SWBT's conduit system (including but not limited to ducts, conduits, manholes, and handholes) along the proposed route;

(3) for poles, the proposed points of attachment;

(4) for building entrance or building distribution ducts or conduits or other space within a building, a conspicuous statement, as required by Section 5.06 of this Agreement, that the application pertains to a building entrance or building distribution duct or conduit or other space within a building;

(5) if applicable, a conspicuous notation that the space requested is not to be assigned (or billed) to Applicant until SWBT has received Applicant's written instruction to make such assignment or issued a license authorizing Applicant to occupy the space requested; and

(6) if applicable, a conspicuous statement that Applicant intends to occupy the space before the issuance of a license, as provided in Section 8.03 of this Agreement.

(d) Facilities descriptions which apply to multiple pole attachments or conduit occupancies need only be described once on any form. Facilities descriptions shall include, at a minimum, the following information:

(1) the number and types of cables, including the physical size (diameter) and weight (weight per foot);

(2) the number and types of strands, if any, which will be used to support the cables, including the rated holding capacity expressed in thousand pound increments (e.g., 2.2M) of such strands; and

(3) sufficient information to identify and describe the physical characteristics (size, dimensions, and weight) of apparatus enclosures and other facilities to be attached to SWBT's poles or placed in SWBT's conduit system.

(e) When it appears to Applicant that facilities modification, capacity expansion, or make-ready work may be required to accommodate Applicant's access requests, Applicant shall describe the facilities modification, capacity expansion, or make-ready work which Applicant proposes. Applicant shall also describe its plans, if any, to use any infrequent construction technique or connectivity solution authorized under Section 6.03 to avoid high or unusual expenditures and state its reasons for the use of such technique or solution.

(f) Applicant acknowledges that the poles along a particular pole line or route may include poles owned by firms (such as electric utilities) other than SWBT, that it may be necessary for SWBT to rearrange its facilities or perform other make-ready work on poles other than poles it owns or controls in order to accommodate Applicant's request for access to SWBT's poles and that, at the time an application is submitted, it may be difficult for Applicant to determine with certainty whether a particular pole is owned or controlled by SWBT or by another entity. Accordingly, the application shall, to the extent feasible, identify all poles utilized by SWBT (without regard to ownership) along Applicant's proposed route.

(g) Each application for a license under this Agreement shall be accompanied by a construction schedule showing Applicant's projected dates for beginning and completing construction at the sites specified in the application. Information on this schedule may be used by SWBT's engineering and outside plant construction personnel in scheduling work required to process Applicant's applications and scheduling such capacity expansions, make-ready work, and facilities modifications, if any, as may be necessary to accommodate Applicant's facilities.

(h) Applicant may include multiple cables in a single license application and may provide multiple services (e.g., CATV and non-CATV services) under the same cable sheath or jacket. When both CATV and non-CATV services are provided under the same cable sheath or jacket, or CATV and non-CATV services are provided using different cables attached or lashed to the same strand or otherwise occupying the same space on a pole or the same duct or inner duct within a conduit, Applicant will so advise SWBT and SWBT shall, if permitted by law, adjust its charges to enable SWBT to charge Applicant the rate applicable to telecommunications carriers rather than the rate applicable to cable television systems solely to provide cable service.

9.03 Cooperation in the Application Process. The orderly processing of applications submitted by Applicant and other firms seeking access to SWBT's poles, ducts, conduits, and rights-of-way requires good faith cooperation and coordination between SWBT's personnel and personnel acting on behalf of Applicant and other firms seeking access. The parties therefore agree to the following transitional procedures which will remain in effect during the term of this Agreement unless earlier modified by mutual agreement of the parties.

(a) Before submitting a formal written application for access to SWBT's poles, ducts, conduits, and rights-of-way, the firm submitting the application shall make a good faith determination that it actually plans to attach facilities to or place facilities within the poles, ducts, conduits, or rights-of-way specified in the application. Applications shall not be submitted for the purpose of holding or reserving space which the applicant does not plan to use or for the purpose of precluding SWBT or any other provider of telecommunications or cable television services from using such poles, ducts, conduits, or rights-of-way.

(b) Applicant shall only submit applications for access to poles, ducts, conduits, and rights-of-way which it plans to use within one year following the date access is granted and shall use its best efforts to submit applications in an orderly manner in accordance with Applicant's needs. If Applicant contemplates the need to submit more than 10 applications within any 45-day period with respect to poles, ducts, conduits, and rights-of-way within the territory of any single SWBT construction district, Applicant shall give SWBT advance notice as promptly as is reasonably practicable.

(c) No more than 300 poles shall be the subject of any single pole attachment license application.

(d) No more than 20 manholes shall be the subject of any single conduit occupancy license application.

9.04 Applicant's Priorities. When Applicant has multiple applications on file within a single SWBT construction district, Applicant shall, at SWBT's request, designate its desired priority of completion of pre-license surveys, facilities modifications, capacity expansions, and make-ready work with respect to all such applications.

9.05 Pre-license Survey. A pre-license survey (including a review of records and field inspection, if necessary) will be completed by SWBT after Applicant has submitted its written license application as specified in Section 9.02 of this Agreement. SWBT

shall not, without due cause and justification, repeat pre-occupancy survey work performed by Applicant.

(a) The field inspection portion of the pre-license survey, which includes the visual inspection of existing pole and conduit facilities, shall be performed by SWBT or its authorized representative. Primary purposes of the field inspection will be to enable SWBT to (1) confirm or determine the facilities modification, capacity expansion, and make-ready work, if any, necessary to accommodate Applicant's facilities; (2) plan and engineer the facilities modification, capacity expansion, and make-ready work, if any, required to prepare SWBT's poles, ducts, conduits, rights-of-way, and associated facilities for Applicant's proposed attachments or occupancy; and (3) estimate the costs associated with such facilities modification, capacity expansion, or make-ready work. SWBT may dispense with the field inspection if it appears that the information necessary to process Applicant's license application is already available from existing sources, including the application forms and such other information as may be available to SWBT. If Applicant, pursuant to Section 8.03, has occupied the space requested before the issuance of a license, a post-installation inspection of Applicant's facilities may be performed, in place of the field inspection portion of the pre-license survey, to determine whether such facilities are in compliance with the specifications of Article 6 and other provisions of this Agreement. In performing such inspection, SWBT will not, without due cause and justification, repeat pre-occupancy survey work performed by Applicant.

(b) The administrative processing portion of the pre-license survey (which includes processing the application and reviewing records) will be performed by SWBT.

(c) Before performing any portion of the pre-license survey, SWBT shall obtain Applicant's written authorization to perform such work. Authorization may be given, when possible, when the application is submitted. No authorization shall be required for post-installation inspections of Applicant's facilities when installation has occurred, pursuant to Section 8.03, before the issuance of a license.

ARTICLE 10: ISSUANCE AND DENIAL OF LICENSES (INCLUDING FACILITIES MODIFICATIONS, CAPACITY EXPANSIONS, AND MAKE-READY WORK

10.01 Response Within 45 Days. Within 45 days of Applicant's submission of a license application pursuant to Section 9.02 of this Agreement, or within such other

period of time as may be mutually agreed upon in writing by the parties, SWBT shall respond to the application. The response shall state whether the application is being granted or denied. If denial is anticipated, or if SWBT personnel involved in the processing of Applicant's request for access become aware of hazardous substances at the site requested by Applicant, SWBT shall promptly advise Applicant and shall, at Applicant's request, discuss alternatives to denial and issues associated with the presence of such hazardous substances. Additional state-specific response and notice requirements, if any, shall be addressed by an addendum to this Agreement.

(a) If access is granted, SWBT shall, no later than 45 days after Applicant's submission of the license application, further advise Applicant in writing (1) what facilities modifications, capacity expansions, or make-ready work, if any, will be required to prepare SWBT's pole or conduit facilities, (2) provide Applicant an estimate of charges for such facilities modifications, capacity expansions, or make-ready work and (3) disclose to Applicant any hazardous substances known by SWBT to be present at the site.

(b) SWBT may take into account issues of capacity, safety, reliability, and engineering when considering requests for access, provided the assessment of such factors is done in a nondiscriminatory manner. If access is denied, SWBT shall confirm the denial in writing by the 45th day after the receipt by SWBT of Applicant's completed application. A denial of access shall be specific, shall include all relevant evidence and information supporting the denial, and shall explain how such evidence and information relates to a denial of access for reasons of lack of capacity, safety, reliability, or generally applicable engineering purposes. If Applicant in its completed application sets forth in writing specific proposals for expanding capacity, the denial statement shall specifically address such proposals.

(c) Applicant agrees that if, at any time prior to the 45th day, it has determined that it no longer seeks access to specific poles, ducts, or conduit facilities, Applicant shall promptly withdraw or amend its application, thereby minimizing the administrative burdens on SWBT of processing and responding to the application.

(d) Notwithstanding the 45-day deadline, SWBT will, pursuant to Section 8.03 of this Agreement, make available to Applicant for immediate occupancy any pole, duct, or conduit space which is not currently assigned, not designated as a maintenance duct, and not subject to applicable make-ready requirements.

(e) If SWBT fails to respond in writing within 30 days of SWBT's documented receipt of a license application pursuant to Section 9.02 of this Agreement, or within such other period of time as may be mutually agreed upon in writing by the parties, Applicant may by written notice inquire whether SWBT intends to deny Applicant's request for access. After such notice has been given and receipt by SWBT of a properly submitted license application has been confirmed, SWBT's failure to respond in writing within 15 days after receipt of the notice shall be deemed to constitute approval of the request for access. In such event, Applicant shall be entitled to occupy the space requested without the formality of a license; provided, however, that nothing contained in this subsection shall authorize Applicant to occupy space already occupied or subject to a prior valid space assignment to SWBT or any third-party; and provided further that nothing in this subsection authorizes Applicant, without first obtaining SWBT's written authorization, to (1) place its facilities on any pole or in any duct or conduit that requires make-ready work (other than third-party make-ready work arranged directly by Applicant) or (2) utilize any infrequent construction technique or connectivity solution described in Section 6.03.

10.02 Obligation to Construct or Modify Facilities; Capacity Expansions. SWBT may grant access subject to Applicant's approval of such make-ready work (including facilities modifications) as may be required to expand capacity to accommodate Applicant's request, in which event Applicant shall either accept such conditions, initiate good faith negotiations to explore other potential accommodations, or withdraw its request for access. If SWBT does not offer to expand capacity and denies Applicant's request for access, SWBT shall promptly notify Applicant of such determination. SWBT shall not deny Applicant's request for access on lack of capacity grounds when capacity can be expanded as provided in this section and in Section 6.03 (infrequent construction techniques and connectivity solutions).

(a) At Applicant's request, SWBT will replace, expand, or modify its poles and conduit system, or otherwise expand the capacity of such facilities to accommodate the placement of Applicant's facilities; provided, however, that such modifications shall be consistent with the capacity, safety, reliability, and engineering considerations which SWBT would apply to itself if the work were performed for SWBT's own benefit. Outside plant facilities modifications and capacity expansions contemplated by this subsection include, but are not limited to, installation of inner duct, cable consolidations and the removal of cables that are retired or inactive (dead). Except as otherwise specifically provided in this section, SWBT may recover from Applicant the costs of facilities modifications and capacity expansions to make space available

for Applicant's facilities and charges for such modifications and expansions shall be determined and billed as provided in APPENDIX I of this Agreement.

(b) SWBT will, at its own expense, install inner duct in SWBT's conduit system as necessary to make space available for Applicant's facilities. Inner duct installations to accommodate Applicant's facilities will be performed by SWBT within the same time intervals which would apply if SWBT were performing such installations for itself. If SWBT's intervals for beginning or completing inner duct installation do not meet Applicant's needs, Applicant may arrange for the inner duct installation to be performed by an authorized contractor selected by Applicant from a list, jointly developed and maintained by the parties, of contractors mutually approved as qualified to perform inner duct installations. Applicant may install the inner duct itself if Applicant is on the list of mutually approved contractors at the time the work is performed. When inner duct is installed in SWBT's conduit system by Applicant or an authorized contractor selected by Applicant, SWBT will provide the inner-ducting materials to be installed and Applicant shall bear all other installation expenses. Applicant shall give SWBT sufficient advance notice of the materials needed to enable SWBT to provide such materials to Applicant on a timely basis. Applicant shall return all unused materials, including unused inner duct and reels, to SWBT or purchase them from SWBT. Inner duct installed by Applicant or an authorized contractor selected by Applicant shall be installed in accordance with SWBT's specifications and in accordance with the same standards and practices which would be followed if the inner duct were being installed by SWBT or SWBT's contractors. Applicant shall indemnify, on request defend, and hold SWBT harmless for any injuries, losses, damages, claims, or liabilities directly resulting from the installation of inner duct by Applicant or any authorized contractor selected by Applicant under this subsection. Applicant shall not, without SWBT's prior written approval, arrange for inner duct installation to be performed by subcontractors who are not authorized contractors.

(c) SWBT shall, at its expense, remove cables that are retired or inactive (dead) to free-up requested duct and pole space, provided that such removal is reasonably feasible (i.e., cable pulls easily without incident). If a section of cable is "frozen" in a duct and would require excavation to remove, Applicant may, at its option, request that SWBT excavate the obstruction or, in the alternative, arrange for excavation of the obstruction to be performed by an authorized contractor selected by

Applicant from a list, jointly developed and maintained by the parties, of contractors mutually approved as qualified to perform such excavations. Applicant may excavate the obstruction itself if Applicant is on the list of mutually approved contractors at the time the work is performed. Such excavations will be at Applicant's expense. Removal of the remainder of the cable will be at SWBT's expense. Excavation work performed by Applicant or an authorized contractor selected by Applicant shall be performed in accordance with SWBT's specifications and in accordance with the same standards and practices which would be followed if such excavation work were being performed by SWBT or SWBT's contractors. Neither Applicant nor any authorized contractor selected by Applicant to perform excavation work under this subsection shall conduct facility excavation activities in any manner which jeopardizes or degrades the integrity of SWBT's structures or interferes with any existing use of the facilities. Applicant shall indemnify, on request defend, and hold SWBT harmless for any injuries, losses, damages, claims, or liabilities directly resulting from the performance of excavation work by Applicant or any authorized contractor selected by Applicant under this subsection. Applicant shall not, without SWBT's prior written approval, arrange for excavation work to be performed under this subsection by subcontractors who are not qualified contractors.

10.03 Issuance of Licenses and Immediate Access When No Make-ready Work is Required. If, on the basis of Applicant's representations or SWBT's field inspection, if any, SWBT determines that no make-ready work is necessary to accommodate Applicant's facilities, SWBT will issue a license without performing make-ready work and pole attachment or conduit occupancy space will be made available to Applicant for immediate occupancy. Immediate occupancy prior to the issuance of a license shall be governed by Section 8.03.

10.04 Make-ready Work. If SWBT determines that make-ready work will be necessary to accommodate Applicant's facilities, SWBT shall promptly notify Applicant of the make-ready work proposed to enable the accommodation of Applicant's facilities.

(a) The notice shall be given in writing no later than 45 days after the receipt by SWBT of Applicant's completed application pursuant to Section 9.02 of this Agreement or within such other period of time as may be mutually agreed upon in writing by the parties.

(b) The notice will include SWBT's estimate of make-ready charges, which estimate shall be stated on SWBT Form SW-9434 ("Access Application

and Make-Ready Authorization"), a copy of which is attached hereto as part of APPENDIX III.

(c) Applicant shall have 20 days (the "acceptance period") after receiving SWBT's estimate of make-ready charges to authorize completion of the make-ready work proposed by SWBT or to advise SWBT of its willingness to perform the proposed make-ready work itself. If Applicant advises SWBT that it is willing to perform the make-ready work proposed by SWBT in accordance with a design approved by SWBT, and SWBT's specifications, SWBT will not, without due cause and justification, refuse to accept Applicant's offer to perform the work. Authorization shall be accomplished by Applicant's signing the estimate and returning it to SWBT within the 20-day acceptance period.

(d) Within the 20-day acceptance period, the parties may negotiate modifications of the make-ready work to be performed. If the parties reach agreement through negotiation, a new estimate shall be prepared and authorization shall be accomplished by Applicant's signing the revised estimate and returning it to SWBT within the original 20-day acceptance period, or within such period of time as may be mutually agreed upon by the parties.

(e) If Applicant does not sign and return the estimate within the 20-day acceptance period, or within such other period of time as may be mutually agreed upon in writing by the parties, Applicant shall notify SWBT in writing by the 20th day whether Applicant is withdrawing its application, electing to perform the make-ready work itself as provided in subsection (c) or electing to treat SWBT's make-ready requirements as a denial of access.

(1) If no such notice is given by the 20th day, or such later date as may be mutually agreed upon by the parties, SWBT shall contact Applicant to determine whether Applicant intends to withdraw its application. Applicant shall be deemed to have withdrawn its application if, in response to SWBT's inquiry, Applicant does not immediately sign and return the estimate to SWBT.

(2) If Applicant timely notifies SWBT that it is electing to treat SWBT's make-ready requirements as a denial of access, SWBT shall, within 20 days after receiving the notice, provide Applicant with a written statement explaining its decision to grant access only if the specified make-ready work is performed. The statement shall be specific, shall include all relevant evidence and information supporting

SWBT's decision to grant access only if the specified make-ready work is performed, and shall explain how such evidence and information relates to SWBT's decision for reasons of lack of capacity, safety, reliability, or generally applicable engineering purposes. The statement shall also set forth the basis for SWBT's make-ready proposals and specifically address SWBT's rationale for rejecting Applicant's alternative written proposals, if any.

10.05 Performance of Make-ready Work. Except as otherwise specifically provided in Section 10.02 and in this section, make-ready work shall be performed by SWBT or by contractors, subcontractors, or other persons acting on SWBT's behalf and shall be performed by SWBT in accordance with the same time intervals which would be applicable if SWBT were performing the work for itself.

(a) Applicant and SWBT will mutually establish and maintain for each SWBT construction district lists of authorized contractors which may be selected by Applicant to perform make-ready work when SWBT's interval for beginning or completing such make-ready work does not meet Applicant's needs. At Applicant's request, Applicant will be included on such lists upon Applicant's demonstrating that (1) its personnel are qualified to perform such work in accordance with SWBT's specifications and (2) Applicant meets the financial responsibility (insurance and bonding) requirements generally applicable to contractors, subcontractors, and other vendors performing the same or similar work on SWBT's behalf or the self-insurance requirements of Section 23.02.

(b) If SWBT's interval for beginning or completing make-ready work does not meet Applicant's needs, Applicant may (1) perform the make-ready work itself, if Applicant is on the applicable list of authorized contractors at the time the work is to be performed or (2) arrange for the work to be performed by an authorized contractor selected by Applicant from the applicable list of authorized contractors. Subject to the availability of personnel, Applicant may also request that SWBT perform the work on an expedited basis; provided, however, that make-ready work will not be performed on an expedited basis unless Applicant first approves any overtime or premium rates or charges associated with performance of the work on an expedited basis.

(c) From time to time, additional contractors, subcontractors or other vendors may be jointly approved by Applicant and SWBT to perform specific make-ready work in the event that the work load exceeds the

capacity of the authorized contractors on the approved list to perform the make-ready work in a timely manner.

(d) Make-ready work performed by Applicant, by an authorized contractor selected by Applicant, or by a contractor, subcontractor, or other vendor jointly approved by the parties under subsection (c) shall be performed in accordance with SWBT's specifications and in accordance with the same standards and practices which would be followed if such excavation work were being performed by SWBT or SWBT's contractors. Neither Applicant nor authorized contractors selected by Applicant to perform make-ready work under this section shall conduct such work in any manner which jeopardizes or degrades the integrity of SWBT's structures or interferes with any existing use of SWBT's facilities. Applicant and any authorized contractor selected by Applicant to perform make-ready work shall indemnify, on request defend, and hold SWBT harmless from any and all injuries, losses, damages, claims, or liabilities directly resulting from their activities under this section.

(e) Nothing contained in this section authorizes Applicant, any authorized contractor selected by Applicant, or any other person acting on Applicant's behalf to consolidate SWBT's cables.

10.06 Multiple Applications. Applications shall be processed on a first-come, first-served basis. Applications filed on the same date shall be treated as having been filed simultaneously and shall be processed accordingly.

10.07 Payments to Others for Expenses Incurred in Transferring or Arranging Their Facilities. Applicant shall make arrangements with the owners of other facilities attached to SWBT's poles or occupying space in SWBT's conduit system regarding reimbursement for any expenses incurred by them in transferring or rearranging their facilities to accommodate the attachment or placement of Applicant's facilities to or in SWBT's poles, ducts, and conduits.

10.08 Reimbursement for the Creation or Use of Additional Capacity. As a result of facilities modification, capacity expansion, or other make-ready work performed to accommodate Applicant's facilities, additional capacity may become available on SWBT's poles or in its conduit system. In such event, Applicant shall not have a preferential right to utilize such additional capacity in the future and shall not be entitled to any pole attachment or conduit occupancy fees subsequently paid to SWBT for the use of such additional capacity. SWBT shall, however, establish procedures for giving Applicant notice of the subsequent use by SWBT or third parties of additional space or capacity created at Applicant's expense. If SWBT utilizes additional space or capacity

created at Applicant's expense, SWBT will reimburse Applicant on a pro-rata basis for SWBT's share, if any, of Applicant's capacity expansion costs, to the extent reimbursement is required by the Pole Attachment Act and applicable rules, regulations, and commission orders. If any third party later utilizes any such additional space or capacity, SWBT shall, at the request of Applicant or such third party, provide such information as may be available to SWBT to assist Applicant and such third party in determining the amount, if any, which such third party may owe Applicant as its pro-rata share of Applicant's capacity expansion costs. Nothing contained in this section shall be construed as conferring or imposing on SWBT any right or duty to determine the amounts owing by a third party to Applicant, to collect or remit any such amounts to Applicant, to resolve or adjudicate disputes over reimbursement between Applicant and third parties, to deny a third party access to SWBT's poles, ducts, conduits, or rights-of-way due to such third party's failure to satisfy Applicant's reimbursement demands, or to take any other action to enforce Applicant's reimbursement rights against any third party. In like manner, for additional capacity created by SWBT from and after the date of enactment of the Telecommunications Act of 1996, SWBT shall be entitled to recover from Applicant and third parties, to the full extent permitted by law, their pro-rata shares of such capacity expansion costs incurred by SWBT. To the extent that either party seeks to avail itself of this cost-saving mechanism, such party shall be responsible for maintaining adequate records documenting the costs subject to reimbursement, including but not limited to costs incurred for facilities modification and capacity expansion work performed directly by such party or contractors performing work on such party's behalf.

10.09 License and Attachment. After all required make-ready work is completed, SWBT will issue a license confirming that Applicant may attach specified facilities to SWBT's poles or place specified facilities in SWBT's conduit system. Applicant shall have access to attach or place only those facilities specifically described in licenses subject to this Agreement, and no others, except as otherwise specifically provided in (a) Sections 8.03 and 12.03 or other provisions of this Agreement, (b) any other written agreement between the parties providing for such access, or (c) the provisions of any applicable tariffs or commission orders.

ARTICLE 11: CONSTRUCTION OF APPLICANT'S FACILITIES

11.01 Responsibility for Attaching and Placing Facilities. Each party shall be responsible for the actual attachment of its own facilities to SWBT's poles and the placement of such facilities in SWBT's ducts, conduits, and rights-of-way and shall be solely responsible for all costs and expenses incurred by it or on its behalf in connection with such activities. In this regard, each party and its contractors shall be solely responsible for (a) paying all persons and entities who provide materials, labor, access to real or personal property, or other goods or services in connection with the construction and attachment of its facilities and (b) directing the activities of all personnel acting on

such party's behalf while they are physically present on, within, or in the vicinity of SWBT's poles, ducts, conduits, and rights-of-way.

11.02 Construction Schedule. After the issuance of a license, Applicant shall provide SWBT with an updated construction schedule and thereafter keep SWBT informed of anticipated changes in the construction schedule. Construction schedules received by SWBT shall be subject to the provisions of Article 28 of this Agreement (Confidentiality of Information). Construction schedules required by this section shall include, at a minimum, the following information:

(a) the name, title, business address, and business telephone number of the manager responsible for construction of the facilities;

(b) the names of each contractor and subcontractor which will be involved in the construction activities;

(c) the estimated dates when construction will begin and end; and

(d) the approximate dates when Applicant or personnel working on Applicant's behalf will be performing construction work in connection with the attachment of Applicant's facilities to SWBT's poles or the placement of Applicant's facilities in any part of SWBT's conduit system.

ARTICLE 12: USE AND ROUTINE MAINTENANCE OF APPLICANT'S FACILITIES

12.01 Use of Applicant's Facilities. Each license subject to this Agreement authorizes Applicant to have access to Applicant's facilities on or within SWBT's poles, ducts, and conduits as needed for the purpose of serving Applicant's customers.

12.02 Routine Maintenance of Applicant's Facilities. Each license subject to this Agreement authorizes Applicant to engage in routine maintenance of facilities located on or within SWBT's poles, ducts, and conduits. Routine maintenance does not include the replacement or modification of Applicant's facilities in any manner which results in Applicant's facilities differing substantially in size, weight, or physical characteristics from the facilities described in Applicant's license.

12.03 Installation of Drive Rings and J-Hooks. Applicant may install drive rings and J-hooks on SWBT's poles for the attachment of drop wires as specified in this section.

(a) Drive rings and J-hooks may be installed as specified in pole attachment licenses issued to Applicant.

(b) If attachment space has already been licensed to Applicant on a given SWBT pole, Applicant may install drive rings and J-hooks within the space assigned to Applicant (typically six inches above and six inches below Applicant's point of attachment on the pole if the point of attachment is in the center of the space assigned to Applicant) without applying for or obtaining a new or amended license. No additional attachment charges shall apply with respect to drive rings and J-hooks installed in Applicant's licensed attachment space.

(c) Applicant's first choice for placement of drive rings and J-hooks shall be the licensed attachment space assigned to Applicant as provided in subsection (b) above; provided, however, that if attachment space already licensed to Applicant on a given SWBT pole is not adequate for Applicant's drive rings or J-hooks, Applicant may, when necessary, and without applying for or obtaining a new or amended license, install such drive rings and J-hooks above or below Applicant's licensed attachment space as described in subsection (b) above. No additional attachment charges shall apply with respect to drive rings and J-hooks installed outside Applicant's licensed attachment space as permitted in this subsection.

(d) If Applicant has not already been licensed attachment space on a given SWBT pole, Applicant may, when necessary, install drive rings and J-hooks to unassigned space on such pole without first obtaining a license for such attachment and shall, promptly following such installation, notify SWBT of the attachment. Such notification shall be made on a form to be developed by SWBT for this purpose and shall constitute an application for a license. Such application may be conditionally granted without a pre-license survey or other inquiry by SWBT, and SWBT shall not be required to process the application, log the attachment as an assignment in its outside plant records, or issue a permanent license for the attachment unless specifically requested by Applicant to do so; provided, however, that a conditionally granted application under this subsection shall be subject to revocation if it is subsequently determined that such attachment has been made in violation of subsection (e) of this section or other provisions of this Agreement. Drive-rings and J-hooks installed pursuant to this subsection are pole attachments and charges for such attachments shall be determined in accordance with the Pole Attachment Act and applicable rules, regulations, and commission orders.

(e) Notwithstanding the provisions of subsections (c)-(d) above, Applicant may not install drive rings and J-hooks in space assigned to SWBT or another joint user without the approval of SWBT or such other joint user and may not install drive rings and J-hooks in unassigned space in any manner which will block or preclude the subsequent occupancy or use of space by SWBT or other joint users. If the presence of Applicant's facilities in space not assigned to Applicant will block or preclude the use of assigned or otherwise assignable space by SWBT or other joint users, Applicant shall, on SWBT's request, promptly relocate the facilities in order to accommodate the facilities of other users and shall bear all expenses associated with such relocation.

(f) SWBT may not install drive rings or J-hooks in space assigned to Applicant without Applicant's approval and shall, at Applicant's request, and at SWBT's expense, promptly relocate or, if necessary, remove, any drive rings or J-hooks installed in violation of this subsection. If SWBT drive rings or J-hooks have been installed in space subsequently assigned to Applicant, or if the presence of SWBT drive rings or J-hooks blocks or precludes the use of otherwise assignable space on SWBT's poles, SWBT shall, at Applicant's request, relocate such facilities, if it is feasible to do so, as make-ready work.

(g) Applicant shall, at the request of SWBT or another joint user, at Applicant's expense, promptly relocate or, if necessary, remove any drive rings and J-hooks placed on SWBT's poles other than as permitted in this section.

12.04 Short-term Use of Maintenance Ducts for Repair and Maintenance Activities. Maintenance ducts shall be available, on a nondiscriminatory basis, for short-term (not to exceed 30 days) non-emergency maintenance or repair activities by any person or entity (including but not limited to SWBT, Applicant, other local service providers, and other joint users) with facilities in the conduit section in which the maintenance duct is located; provided, however, that use of the maintenance duct for non-emergency maintenance and repair activities must be scheduled by SWBT. A person or entity using the maintenance duct for non-emergency maintenance or repair activities shall immediately notify SWBT of such use and must either vacate the maintenance duct within 30 days or, with SWBT's consent, which consent shall not be unreasonably withheld, rearrange its facilities to ensure that at least one full-sized replacement maintenance duct (or, if the designated maintenance duct was an inner duct, a suitable replacement inner duct) is available for use by all occupants in the conduit section within 30 days after such person or entity occupies the maintenance duct. Cables temporarily placed in the maintenance duct on a non-emergency basis shall be subject to such

accommodations as may be necessary to rectify emergencies which may occur while the maintenance duct is occupied.

12.05 Responsibility for Maintenance of Facilities. Each party shall be solely responsible for maintaining its own facilities and (a) paying all persons and entities who provide materials, labor, access to real or personal property, or other goods or services in connection with the maintenance of such party's facilities and (b) directing the activities of all such personnel while they are physically present on, within, or in the vicinity of SWBT's poles, ducts, conduits, and rights-of-way.

12.06 Information Concerning the Maintenance of Applicant's Facilities. Promptly after the issuance of a license, Applicant shall provide SWBT with the name, title, business address, and business telephone number of the manager responsible for routine maintenance of Applicant's facilities and shall thereafter notify SWBT of changes to such information. The manager responsible for routine maintenance of Applicant's facilities shall, on SWBT's request, identify any contractor, subcontractor, or other person performing maintenance activities on Applicant's behalf at a specified site.

ARTICLE 13: MODIFICATION OF APPLICANT'S FACILITIES

13.01 Notification of Planned Modifications. Applicant shall notify SWBT in writing at least 30 days before adding to, relocating, replacing or otherwise modifying its facilities already attached to a SWBT pole or located in any SWBT duct or conduit. The notice shall contain sufficient information to enable SWBT to determine whether the proposed addition, relocation, replacement, or modification is within the scope of Applicant's present license or requires a new or amended license. No notice shall be required for such routine modifications as the installation or placement of drive rings or J-hooks, terminals, and other ancillary apparatus routinely used in providing service to customers, having no effect on the structural integrity of SWBT's poles, ducts, or conduits, and having no effect on the ability of SWBT or joint users to use or have access to SWBT's poles, ducts, conduits, or rights-of-way.

13.02 New or Amended License Required. A new or amended license will be required if the proposed addition, relocation, replacement, or modification:

(a) requires that Applicant occupy additional space on SWBT's poles (except on a temporary basis in the event of an emergency);

(b) requires that Applicant occupy additional space (other than space in the maintenance duct in accordance with Sections 12.04, 13.03, and 15.02 of this Agreement) in any SWBT duct or conduit except on a temporary basis in the event of an emergency;

(c) results in the facilities attached to SWBT's poles or placed in SWBT's ducts or conduits being different from those described as authorized attachments in Applicant's present application, current license, notice of intent to occupy, or license application and supplemental documentation submitted to SWBT (e.g., different duct or size increase causing a need to recalculate storm loadings, guying, or pole class); or

(d) requires additional holding capacity on a permanent basis.

13.03 Use of Maintenance Duct in Connection with Facility Modifications and Replacements. Non-emergency access to the maintenance duct in connection with facilities modifications and replacements shall be subject to the provisions of Section 12.04 of this Agreement.

13.04 Replacement of Facilities and Spinning/Overlashing Additional Cables. Applicant may replace existing facilities with new facilities occupying the same pole, duct, or conduit space, and may spin or overlash additional cables to its own existing facilities; provided, however, that such activities shall not be considered to be routine maintenance and shall be subject to the requirements of this article.

13.05 Streamlined Procedures for the Issuance of Amended Licenses. SWBT may streamline procedures for the issuance of amended licenses with respect to proposed additions, relocations, replacements, or modifications of Applicant's facilities when it appears to SWBT that the proposed additions, relocations, replacements, or modifications will not require make-ready work by SWBT, will not interfere with SWBT's use of its poles, conduit systems, or facilities attached or connected thereto or contained therein, and will not interfere with the use of existing facilities attached or connected thereto or contained therein by joint users.

ARTICLE 14: REQUIRED REARRANGEMENTS OF APPLICANT'S FACILITIES

14.01 Notice of Planned Modifications. The parties acknowledge that the Pole Attachment Act recites in part that "Whenever the owner of a pole, duct, conduit, or right-of-way intends to modify or alter such pole, duct, conduit, or right-of-way, the owner shall provide written notification of such action to any entity that has obtained an attachment to such conduit or right-of-way so that such entity may have a reasonable opportunity to add to or modify its existing attachment." The parties further acknowledge that the FCC, in the First Interconnection Order in CC Docket No. 96-98, recites that "... absent a private agreement establishing notification procedures, written notification of a modification must be provided to parties holding attachments on the facility to be modified at least 60 days prior to the commencement of the physical

modification itself." This article is intended by the parties to alter the above-described notification requirements only as provided in Section 14.02(b) below.

14.02 Required Rearrangement of Applicant's Facilities. Applicant acknowledges that, from time to time, it may be necessary or desirable for SWBT to rearrange facilities on or within its poles or conduit systems, change out poles, add poles to a pole line, relocate or reconstruct poles, pole lines, conduit segments, or conduit runs, enlarge manholes, reinforce conduit, or otherwise modify poles, pole lines, or portions of its conduit system and that such changes may be necessitated by SWBT's own business needs or by factors outside of SWBT's control, such as the decision by a municipality to widen streets or the decision by a third party to seek access to SWBT's poles, ducts, conduits, or rights-of-way.

(a) Applicant agrees that Applicant will cooperate with SWBT and joint users in making such rearrangements as may be necessary to enable such changes to be made and that costs incurred by Applicant in making such rearrangements shall, in the absence of a specific agreement to the contrary, be borne by the parties in accordance with then applicable statutes, rules, regulations, and commission orders, including the Pole Attachment Act, rules, regulations, and commission orders thereunder.

(b) Whenever feasible, SWBT shall give Applicant not less than 60 days prior written notice of the need for Applicant to rearrange its facilities pursuant to this section. The notice shall state the date by which such rearrangements are to be completed. Applicant shall complete such rearrangements within the time prescribed in the notice; provided, however, that the date of removal may be extended upon request by Applicant, which request will not be unreasonably refused by SWBT, if Applicant advises SWBT of the reason for the need for the extension and proposes a reasonable completion date. SWBT may request that such modification be made within a shorter period of time, in which event Applicant shall not refuse to comply such request without due cause and justification. In determining due cause and justification, the following factors, among others, may be considered:

(1) the circumstances under which the rearrangements are sought (e.g., street-widening project, request by a competing provider for access);

(2) the timeliness of SWBT's request to Applicant;

(3) the nature and number of rearrangements sought;

(4) the impact on the ability of the parties and joint users to meet customer service needs; and

(5) risks of service interruption to customers of the parties and joint users.

(c) Nothing contained in this article shall preclude Applicant from advising SWBT, within 60 days from the date of the notice, of its desire to add to or modify its existing attachment.

ARTICLE 15: EMERGENCY REPAIRS AND POLE REPLACEMENTS

15.01 Applicability. The parties acknowledge that in the event of an emergency, services provided by the parties and joint users to their respective customers may be interrupted, that it may not be possible for all service providers with facilities attached to SWBT's poles or placed in SWBT's ducts, conduits, or rights-of-way to restore service to all customers at the same time, that disputes may arise between the parties concerning the manner in which emergency repairs shall be made, that it is essential that decisions be made quickly, and that it is highly desirable that all service providers utilizing SWBT's poles, ducts, conduits, and rights-of-way enter into appropriate arrangements relating to emergency repairs and service restoration. In the absence of prearranged agreements, it is expected that disputes will be immediately resolved at the site by the affected parties present based upon the criteria set forth in Section 15.05 of this Agreement. The provisions of this article shall apply in the absence of more comprehensive agreements relating to emergency repairs.

15.02 Responsibility for Emergency Repairs; Access to Maintenance Duct. In general, each party shall be responsible for making emergency repairs to its own facilities and for formulating appropriate plans and practices enabling such party to make such repairs.

(a) Nothing contained in this Agreement shall be construed as requiring either party to perform any repair or service restoration work of any kind with respect to the other party's facilities or the facilities of joint users.

(b) Maintenance ducts shall be available, on a nondiscriminatory basis, for emergency repair activities by any person or entity (including but not limited to SWBT, Applicant, other local service providers, and other joint users) with facilities in the conduit section in which the maintenance duct is located; provided, however, that a person or entity using the maintenance duct for emergency repair activities shall immediately notify SWBT of such use and must either vacate the maintenance duct within 30 days or, with SWBT's consent, which

consent shall not be unreasonably withheld, rearrange its facilities to ensure that at least one full-sized replacement maintenance duct (or, if the designated maintenance duct was an inner duct, a suitable replacement inner duct) is available for use by all occupants in the conduit section within 30 days after such person or entity occupies the maintenance duct. The parties agree not to exceed 30 days' use except in unusual emergencies that may require longer than 30 days to rectify.

(c) If necessary, other unoccupied ducts or inner ducts may be used on a short-term basis when the maintenance duct is unavailable. Any such use shall be subject to the same rules applicable to the maintenance duct and shall be subject to the rights of any party or joint user to whom such duct or inner duct has been assigned.

15.03 Designation of Emergency Repair Coordinators and Other Information. For each SWBT construction district, Applicant shall provide SWBT with the emergency contact number of Applicant's designated point of contact for coordinating the handling of emergency repairs of Applicant's facilities and shall thereafter notify SWBT of changes to such information.

15.04 Reporting of Conditions Requiring Emergency Repairs. As a courtesy, each party shall endeavor to notify the other party at the earliest practicable opportunity after discovering any condition on or in any of SWBT's poles, ducts, conduits, or rights-of-way requiring emergency repairs to the other party's facilities.

15.05 Order of Precedence of Work Operations; Access to Maintenance Duct and Other Unoccupied Ducts in Emergency Situations. When notice and coordination are practicable, SWBT, Applicant, and other affected parties shall coordinate repair and other work operations in emergency situations involving service disruptions. Disputes will be immediately resolved at the site by the affected parties present in accordance with the following principles.

(a) Emergency service restoration work requirements shall take precedence over other work operations.

(b) Except as otherwise agreed upon by the parties, restoration of lines for emergency services providers (e.g., 911, fire, police, and hospital lines) shall be given the highest priority and temporary occupancy of the maintenance duct (and, if necessary, other unoccupied ducts) shall be assigned in a manner consistent with this priority. Secondary priority shall be given to restoring services to the local service providers with the greatest numbers of local lines out of service due to the emergency being rectified. The parties shall exercise good faith in assigning priorities,

shall base their decisions on the best information then available to them at the site in question, and may, by mutual agreement at the site, take other factors into consideration in assigning priorities and sequencing service restoration activities.

(c) SWBT shall determine the order of precedence of work operations and assignment of duct space in the maintenance duct (and other unoccupied ducts) only if the affected parties present are unable to reach prompt agreement; provided, however, that these decisions shall be made by SWBT on a nondiscriminatory basis in accordance with the principles set forth in this section.

15.06 Unilateral Corrective Action. When either party reasonably believes that, due to the condition of the other party's facilities placed on, within, or in the vicinity of SWBT's poles, ducts, conduits, or rights-of-way, there is an immediate or imminent threat to the safety or health of employees or any other person, to the physical integrity or functioning of either party, or either party's ability to meet its service obligations, either party may unilaterally perform such limited corrective work as may be necessary to prevent or mitigate against the injury threatened. For example, if facilities of the other party have become detached or partially detached from a pole, or detached or partially detached from supporting racks or wall supports within a manhole, either party may reattach them as provided in this section but shall not be obligated to do so.

(a) Before performing any corrective work involving facilities of the other party, SWBT or Applicant shall first attempt to notify the other party. After such notice has been given, the parties shall coordinate corrective work.

(b) When an emergency situation exists such that advance notice and coordination are not practicable, either party may perform corrective work without first giving notice to the other party and shall promptly notify the other party of the corrective work performed and the reason why notice was not given.

15.07 Emergency Pole Replacements. Applicant will cooperate fully with SWBT when emergency pole replacements are required.

(a) When emergency pole replacements are required, SWBT shall promptly make a good faith effort to contact Applicant to notify Applicant of the emergency and to determine whether Applicant will respond to the emergency in a timely manner.

(b) If notified by SWBT that an emergency exists which will require the replacement of a pole, Applicant shall transfer its facilities immediately, provided such transfer is necessary to rectify the emergency. If the transfer is to a SWBT replacement pole, the transfer shall be in accordance with SWBT's placement instructions.

(c) If Applicant is unable to respond to the emergency situation immediately, Applicant shall so advise SWBT and thereby authorize SWBT (or any joint user sharing the pole with SWBT) to perform such emergency-necessitated transfers (and associated facilities rearrangements) on Applicant's behalf.

15.08 Expenses Associated with Emergency Repairs. Each party shall bear all reasonable expenses arising out of or in connection with emergency repairs of its own facilities and transfers or rearrangements of such facilities associated with emergency pole replacements made in accordance with the provisions of this article.

(a) Each party shall be solely responsible for paying all persons and entities who provide materials, labor, access to real or personal property, or other goods or services in connection with any such repair, transfer, or rearrangement of such party's facilities.

(b) Applicant shall reimburse SWBT for the costs incurred by SWBT for work performed by SWBT on Applicant's behalf in accordance with the provisions of this article; provided, however, that when the costs incurred by SWBT are for work performed in part for Applicant and in part for SWBT and third parties, Applicant shall only reimburse SWBT for Applicant's share of the costs.

ARTICLE 16: INSPECTION BY SWBT OF APPLICANT'S FACILITIES

16.01 SWBT's Right to Make Periodic or Spot Inspections. SWBT shall have the right, but not the duty, to make periodic or spot inspections at any time of any or all facilities attached to SWBT's poles or placed within SWBT's poles, ducts, conduits, or rights-of-way. Inspections of Applicant's facilities may be conducted for the purpose of determining whether facilities attached to SWBT's poles or placed in SWBT's conduit system are in compliance with the terms of this Agreement and conform to licenses subject to this Agreement. Charges for inspections shall be allocated among all parties benefiting from the inspection in accordance with the Pole Attachment Act and applicable rules, regulations, and commission orders. When an inspection is conducted for the specific purpose of auditing or investigating Applicant's compliance with this Agreement, SWBT may charge Applicant for inspection expenses only if the inspection reflects that Applicant is in substantial noncompliance with the terms of this Agreement.

If the inspection reflects that Applicant's facilities are not in compliance with the terms of this Agreement, Applicant shall bring its facilities into compliance promptly after being notified of such noncompliance and shall notify SWBT in writing when the facilities have been brought into compliance.

16.02 Report of Inspection Results. SWBT will provide Applicant the results of any inspection of Applicant's facilities performed under Section 16.01 of this Agreement.

16.03 Post-installation Inspections. This article does not apply to post-installation inspections performed as part of a pre-license survey in those cases when Applicant has occupied space on or in SWBT's poles, ducts, conduits, or rights-of-way prior to the issuance of a license pursuant to Section 8.03 of this Agreement.

ARTICLE 17: UNAUTHORIZED ATTACHMENTS

17.01 Facilities to Be Marked. Applicant shall tag or otherwise mark all of Applicant's facilities placed on or in SWBT's poles, ducts, conduits, and rights-of-way in a manner sufficient to identify the facilities as Applicant's facilities.

17.02 Removal of Untagged Facilities. Subject to the provisions of subsections (a)-(d) of this section, SWBT may, without notice to any person or entity, remove from SWBT's poles or any part of SWBT's conduit system any untagged or unmarked facilities, including any such facilities owned or used by Applicant, if SWBT determines that such facilities are not the subject of a current license authorizing their continued attachment to SWBT's poles or occupancy of SWBT's conduit system and are not otherwise lawfully present on SWBT's poles or in SWBT's conduit system.

(a) Before removing any such untagged or unmarked facilities, SWBT shall first attempt to determine whether the facilities are being used by Applicant or any other firm, are authorized by any license subject to this Agreement, or are otherwise lawfully present on SWBT's poles or in SWBT's conduit system.

(b) SWBT shall not remove untagged or unmarked facilities which are thought to be operational without first making reasonable efforts to (1) determine the identity of the owner or other person or entity thought to be responsible for the facilities and (2) give advance written notice to such person or entity.

(c) If the facilities appear to be facilities of Applicant described in a current license or application subject to this Agreement, or if the facilities appear to be facilities of Applicant otherwise lawfully present on SWBT's poles or in SWBT's conduit system, SWBT shall give written

notice to Applicant requesting Applicant to tag or mark the facilities within 60 days and Applicant shall either tag the facilities within the 60-day period, advise SWBT in writing of its schedule for tagging the facilities, or notify SWBT in writing that it disclaims ownership of or responsibility for the facilities. If Applicant disclaims ownership of or responsibility for the facilities, Applicant shall disclose to SWBT the identity of the owner or other person or entity, if any, thought by Applicant to be responsible for the facilities.

(d) If the facilities appear to be facilities used by Applicant but not subject to a current license granted under this Agreement, the provisions of Sections 17.05-17.12 shall apply.

17.03 Verification That Presently Attached Facilities Are Subject to Existing Licenses. Applicant warrants and represents that, to the best of its information and belief, all facilities presently owned or used by Applicant and attached to SWBT's poles or occupying space within any part of SWBT's conduit system in this State have been disclosed to SWBT and are subject to current licenses or are otherwise lawfully present on or in SWBT's poles, ducts, and conduits. If Applicant determines that any such facilities are not the subject of current licenses, Applicant shall so advise SWBT and promptly apply for licenses for such facilities or remove the facilities from SWBT's poles or conduits. Nothing contained in this section shall be construed as requiring Applicant to make a field audit of its existing facilities to confirm the licensing status of its facilities as a prerequisite to entering into this Agreement.

17.04 Updating of Plant Location Records. Applicant shall furnish SWBT, upon request, with such information as may from time to time be necessary for SWBT to correct and update SWBT's pole and conduit maps and records, cable plat maps, and other plant location records recording or logging assignments of pole, duct, and conduit space.

17.05 Notice to Applicant. If any of Applicant's facilities for which no license is presently in effect are found attached to SWBT's poles or anchors or within any part of SWBT's conduit system, SWBT, without prejudice to other rights or remedies available to SWBT under this Agreement, and without prejudice to any rights or remedies which may exist independent of this Agreement, shall send a written notice to Applicant advising Applicant that no license is presently in effect with respect to the facilities and that Applicant must, within 60 days, respond to the notice as provided in Section 17.06 of this Agreement.

17.06 Applicant's Response. Within 60 days after receiving a notice under Section 17.05 of this Agreement, Applicant shall acknowledge receipt of the notice and submit to SWBT, in writing, either:

(a) a denial or disclaimer of ownership or other interest in the facilities, together with an explanation of the factual and claimed legal basis for such denial or disclaimer;

(b) a statement that the facilities are the subject of a current license, together with an explanation of the factual and claimed legal basis for Applicant's assertion that the facilities are currently licensed, or a statement that no license is required, and an explanation of the factual and claimed legal basis for that assertion; or

(c) an application for a new or amended license with respect to such facilities, together with a full and complete explanation of the circumstances under which such facilities were attached to, placed within, or allowed to remain on or in SWBT's poles or any part of SWBT's conduit system. Such explanation shall include, at a minimum, the following:

(1) the date (or estimated date) when such facilities were attached to SWBT's poles or placed in SWBT's conduit system, and the factual basis supporting Applicant's selection of such date (or estimated date); and

(2) the factual basis for Applicant's assertion, if any, that decisions to attach, place or allow the facilities to remain on or in SWBT's poles or conduit system were made in good faith and without intent to circumvent SWBT's pole attachment or conduit occupancy licensing requirements.

17.07 Denial or Disclaimer of Ownership or Other Interest. Applicant's submission to SWBT of a denial or disclaimer of ownership or other interest in the facilities shall constitute Applicant's waiver of any objection Applicant may have to SWBT's removal of the facilities. Submission of such a denial or disclaimer shall not be construed as an agreement by Applicant to pay any charges associated with removal of the facilities and shall be deemed to be a denial of any such responsibility; provided, however, that nothing contained in this section shall prohibit SWBT from invoking the dispute resolution process or filing suit, in a court of competent jurisdiction, to establish that Applicant is liable to SWBT for the costs of removal notwithstanding its denial or disclaimer.

17.08 Review by SWBT of Licensing Status. Within 15 business days after receiving Applicant's statement that the facilities are the subject of a current license or that no license is required, SWBT shall review Applicant's explanation of the factual and

claimed legal basis for Applicant's assertions and shall advise Applicant, in writing, whether it agrees or disagrees with Applicant's assertions. If SWBT agrees with Applicant's assertions, the parties may amend the applicable license and no further action shall be required of Applicant. If SWBT does not accept Applicant's position, Applicant shall, within 15 business days, apply for a new or amended license as provided by Section 17.06(c) of this Agreement.

17.09 Approval of License and Retroactive Charges. If SWBT approves Applicant's application for a new or amended license, Applicant shall be liable to SWBT for all fees and charges associated with the unauthorized attachments as specified in Section 17.10 of this Agreement. The issuance of a new or amended license as provided by this article shall not operate retroactively or constitute a waiver by SWBT of any of its rights or privileges under this Agreement or otherwise.

17.10 Fees and Charges. This section applies to fees and charges with respect to Applicant's facilities placed on or in SWBT pole, duct, or conduit space which has not been assigned to Applicant. Applicant shall be liable to SWBT for all fees and charges associated with any such unauthorized pole attachments or conduit occupancy for which it is responsible. Attachment and occupancy fees and charges shall continue to accrue until the unauthorized facilities are removed from SWBT's poles or conduit system and shall include, but not be limited to, all fees and charges which would have been due and payable if Applicant and its predecessors had continuously complied with all applicable SWBT licensing requirements. Such fees and charges shall be due and payable 30 days after the date of the bill or invoice stating such fees and charges. The parties shall engage in good faith discussions to reach a mutually agreed determination as to the amount due and owing. In some cases, it may be impractical, unduly difficult, or uneconomical to determine the actual amount of fees which would have been due and payable if all licensing requirements had been met. Therefore, if the parties, through good faith discussions fail to reach agreement on the amount due and owing, and if the amount due and owing cannot be determined due to Applicant's inability to provide the information required to determine the correct amount, the amount owing with respect to each unauthorized attachment or occupancy shall be equal to three times the annual attachment and occupancy fees in effect on the date Applicant is notified by SWBT of the unauthorized attachment or occupancy. Payment of such fees shall be deemed liquidated damages and not a penalty. In addition, Applicant shall rearrange or remove its unauthorized facilities at SWBT's request to comply with applicable placement standards, shall remove its facilities from any space occupied by or assigned to SWBT or another joint user, and shall pay SWBT for all costs incurred by SWBT in connection with any facilities rearrangements, modifications, or replacements necessitated as a result of the presence of Applicant's unauthorized facilities.

17.11 Removal of Unauthorized Attachments. If Applicant does not apply for a new or amended pole attachment license with respect to unauthorized facilities within the

specified period of time, or if such application is received and specifically disapproved, SWBT shall by written notice request to Applicant to remove its unauthorized facilities not less than 60 days from the date of notice and Applicant shall remove the facilities within the time specified in the notice; provided, however, that SWBT may request Applicant to remove such facilities at an earlier date if such earlier removal is necessary for reasons beyond SWBT's control. If the facilities have not been removed within the time specified in the notice, SWBT may, at SWBT's option, remove Applicant's facilities at Applicant's expense.

17.12 No Ratification of Unlicensed Attachments or Unauthorized Use of SWBT's Facilities. No act or failure to act by SWBT with regard to any unlicensed attachment or occupancy or unauthorized use of SWBT's facilities shall be deemed to constitute a ratification by SWBT of the unlicensed attachment or occupancy or unauthorized use, nor shall the payment by Applicant of fees and charges for unauthorized pole attachments or conduit occupancy exonerate Applicant from civil or criminal liability for any deliberate trespass or other illegal or wrongful conduct in connection with the placement or use of such unauthorized facilities.

ARTICLE 18: REMOVAL OF APPLICANT'S FACILITIES

18.01 Responsibility for Removing Facilities. Applicant shall be responsible for and shall bear all expenses arising out of or in connection with the removal of its facilities from SWBT's poles, ducts, conduits, and rights-of-way. Such removals shall be performed in accordance with the provisions of this article.

(a) When practicable, Applicant shall give SWBT at least 30 days' advance notice in writing of its intent to remove facilities from any part of SWBT's conduit system and the proposed method of removal. The notice shall include the locations of the facilities to be removed, the name and telephone number of the manager responsible for removal of the facilities, and the estimated dates when removal of the facilities will begin and end.

(b) Applicant shall, if requested by SWBT to do so, place a pull mandrel (slug) through all or any specified part of the duct which was occupied by Applicant.

(c) Except as otherwise agreed upon in writing by the parties, Applicant must, after removing its facilities, plug all previously occupied ducts at the entrances to SWBT's manholes (if SWBT would itself plug the ducts under the same circumstances) in accordance with the standards set by SWBT for its own operations, provided that such standards have been

communicated in writing to Applicant at least 60 days in advance of the removal of Applicant's facilities.

(d) Applicant shall be solely responsible for the removal of its own facilities from SWBT's poles, ducts, conduits, and rights-of-way and for (1) paying all persons and entities which provide materials, labor, access to real or personal property, or other goods or services in connection with the removal of Applicant's facilities from SWBT's poles, ducts, conduits, or rights-of-way and (2) directing the activities of all such personnel while they are physically present on, within, or in the vicinity of SWBT's poles, ducts, conduits, or rights-of-way.

(e) When Applicant no longer intends to occupy space on a SWBT pole or in a SWBT duct or conduit, Applicant will provide written notification to SWBT that it wishes to terminate the license with respect to such space and will remove its facilities from the space described in the notice. Upon removal of Applicant's facilities, the license shall terminate and the space shall be available for reassignment.

18.02 Removal of Facilities Not in Active Use. At SWBT's request, Applicant shall remove from SWBT's poles, ducts, conduits, and rights-of-way any of Applicant's facilities which are no longer in active use; provided, however, that Applicant shall not be required to remove such facilities when due cause and justification exists for allowing them to remain in place. Applicant shall not be required to remove retired or inactive (dead) cables that have been overlashed by other facilities which remain in active use unless removal expenses are paid by the person or entity requesting removal of such facilities. Applicant shall not be required to remove cables that would require excavation to remove unless the person or entity requesting removal of such cables bears the expenses of such excavation in a manner analogous to the provisions of Section 10.02(c) of this Agreement. Applicant shall not abandon any of its facilities by leaving them on SWBT's poles, in SWBT's ducts, conduits, or rights-of-way, at any location where they may block or obstruct access to SWBT's poles or any part of SWBT's conduit system, or on any public or private property (other than property owned or controlled by Applicant) in the vicinity of SWBT's poles, ducts, conduits, or rights-of-way.

18.03 Removal Following Termination of License. Applicant shall remove its facilities from SWBT's poles, ducts, conduits, or rights-of-way within 60 days, or within such other period of time as shall be mutually agreeable to the parties, after termination of the license authorizing the attachment of such facilities to SWBT's poles or the placement of such facilities in SWBT's ducts, conduits, or rights-of-way.

18.04 Removal Following Replacement of Facilities. Applicant shall remove facilities no longer in service from SWBT's poles or conduit system within 60 days, or

within such other period of time as shall be mutually agreeable to the parties, after the date Applicant replaces existing facilities on a pole or in a conduit with substitute facilities on the same pole or in the same conduit; provided, however, that removal of facilities from the maintenance duct shall be governed by Sections 12.04, 13.03, and 15.02 of this Agreement and not by this section.

18.05 Removal to Avoid Forfeiture. If the presence of Applicant's facilities on SWBT's poles or in SWBT's ducts, conduits, or rights-of-way would cause a forfeiture of the rights of SWBT to occupy the property where such pole, duct, conduit, or right-of-way is located, SWBT will promptly notify Applicant in writing and Applicant shall not, without due cause and justification, refuse to remove its facilities within such time as may be required to prevent such forfeiture. SWBT will give Applicant not less than 60 days from the date of notice to remove Applicant's facilities unless prior removal is required to prevent the forfeiture of SWBT's rights. At Applicant's request, the parties will engage in good faith negotiations with each other, with joint users, and with third-party property owners and cooperatively take such other steps as may be necessary to avoid the unnecessary removal of Applicant's facilities in the face of a threatened forfeiture.

18.06 Notice of Completion of Removal Activities. Applicant shall give written notice to SWBT stating the date on which the removal of its facilities from SWBT's poles, ducts, conduits, and rights-of-way has been completed. Charges shall continue to accrue with respect to such facilities until Applicant's facilities have been removed, pull mandrels (slugs) have been pulled if required by Section 18.01(b) of this Agreement, Applicant has plugged all previously occupied ducts at the entrances to SWBT's manholes as required by Section 18.01(c) of this Agreement, and the notice required by this section has been given.

18.07 Removal of Facilities by SWBT; Notice of Intent to Remove. If Applicant fails to remove its facilities from SWBT's poles, ducts, or conduits in accordance with the provisions of Sections 18.01-18.06 of this Agreement, SWBT may remove such facilities and store them at Applicant's expense in a public warehouse or elsewhere without being deemed guilty of trespass or conversion and without becoming liable to Applicant for any injury, loss, or damage resulting from such actions. SWBT shall give Applicant not less than 60 days prior written notice of its intent to remove Applicant's facilities pursuant to this section. The notice shall state:

(a) the date when SWBT plans to commence removal of Applicant's facilities, and that Applicant may remove the facilities at Applicant's sole cost and expense at any time before the date specified;

(b) SWBT's plans with respect to disposition of the facilities removed; and

(c) that Applicant's failure to remove the facilities or make alternative arrangements with SWBT for removal and disposition of the facilities shall constitute an abandonment of the facilities and of any interest therein.

18.08 Removal of Facilities by SWBT. If SWBT removes any of Applicant's facilities pursuant to this article, Applicant shall reimburse SWBT for SWBT's costs in connection with the removal, storage, delivery, or other disposition of the removed facilities.

18.09 Reattachment or Subsequent Attachment Following Removal. After Applicant's facilities have been properly removed pursuant to the provisions of this article, neither the removed facilities nor replacement facilities shall be attached to SWBT's poles or placed in SWBT's conduit system until Applicant has first submitted new applications for the facilities and complied with the provisions of this Agreement.

ARTICLE 19: RATES, FEES, CHARGES, AND BILLING

19.01 Rates, Charges and Fees Subject to Applicable Laws, Regulations, Rules, and Commission Orders. All rates, charges and fees set forth in this Agreement, including rates, charges and fees set forth in APPENDIX I (Schedule of Rates, Fees, and Charges), shall be subject to all applicable federal and state laws, rules, regulations, and commission orders, including but not limited to (a) the Pole Attachment Act and rules, regulations, and commission orders issued thereunder and (b) applicable orders of the State Commission in interconnection arbitration proceedings.

19.02 Schedule of Rates, Fees, and Charges. SWBT's current schedule of rates, fees, and charges is attached to this Agreement as APPENDIX I and incorporated herein as an integral part of this Agreement.

19.03 Pole Attachment and Conduit Occupancy Fees. Until such time as the FCC authorizes the charging of different rates to cable television systems and telecommunications carriers, SWBT's annual rates for access to poles, ducts, conduits, and rights-of-way shall be the same for cable television systems and telecommunications carriers. For all attachments to SWBT's poles and occupancy of SWBT's ducts and conduits, Applicant will pay SWBT's semiannual pole attachment and conduit occupancy fees as specified in APPENDIX I. Pole attachment and conduit occupancy fees shall be assessed and billed with respect to (a) occupied space whether or not subject to a current license and (b) assigned space as well as occupied space. Fees for pole attachments shall be based on the number of Applicant's pole attachments as of the date of billing by SWBT and shall be calculated in accordance with applicable FCC rules, regulations, and orders. Fees for conduit occupancy shall be based on the number of duct feet occupied

by or assigned to Applicant as of the date of billing by SWBT and shall be calculated in accordance with applicable FCC rules, regulations, and orders.

19.04 Billing for and Payment of Pole Attachment and Conduit Occupancy Fees. Pole Attachment and conduit occupancy fees under this Agreement and licenses subject to this Agreement shall be payable semiannually in advance.

(a) Bills shall be submitted to Applicant for two semiannual billing periods, the first period including charges for the months of January through June and the second including charges for the months of July through December.

(b) Charges associated with newly licensed pole attachments and conduit occupancy shall be prorated on a daily basis and billed with the next semiannual bill.

(c) Charges shall be adjusted and retroactively prorated on a daily basis following the removal of Applicant's facilities (in accordance with Article 18) and shall be retroactively adjusted as a credit on the next semiannual bill.

19.05 Application Fees. SWBT does not currently charge application fees for individual license applications or assignment requests under this Agreement. SWBT does, however, impose charges, on a case-by case basis, for work performed in processing applications for access and preparing SWBT's poles, ducts, conduits, and rights-of-way to accommodate the facilities of parties seeking access.

19.06 Charges for Pre-license Survey Work. Subject to applicable commission orders, Applicant will pay SWBT's charges for pre-license survey work associated with the processing of Applicant's request for access. SWBT's pre-license survey charges are not set on a fixed fee basis and will vary from case-to-case depending on such factors as the number and location of the poles, ducts, conduits, and rights-of-way subject to Applicant's access request, the completeness and quality of information submitted by the Applicant in its application, the nature of the facilities to be placed by Applicant, and the nature and extent of facilities modification, capacity expansion, and make-ready work proposed by Applicant.

19.07 Charges for Facilities Modifications, Capacity Expansions, and Make-ready Work. Subject to applicable commission orders, Applicant will pay SWBT's charges for facilities modification, capacity expansion, and make-ready work performed by SWBT, or by persons acting on SWBT's behalf, as provided in other provisions of this Agreement and APPENDIX I.

19.08 Contract Administration Fee. Subject to applicable commission orders, SWBT may charge Applicant a one-time contract administration fee as provided in APPENDIX I. This fee, if applicable, shall be assessed for work performed in the initial processing of this Agreement and shall be non-refundable upon acceptance of this Agreement by SWBT.

19.09 Administrative Record-keeping Fees. Subject to applicable commission orders, SWBT may charge Applicant cost-based administrative record-keeping fees (e.g., fees associated with records and billing changes resulting from the sale, consolidation, or other transfer of Applicant's business or facilities, name changes, and the like) as provided in APPENDIX I.

19.10 Charges for Work Performed by SWBT Employees. Except as otherwise specifically required by applicable commission orders, SWBT's charges to Applicant for worked performed by SWBT employees pursuant to this Agreement shall be computed by multiplying the fully loaded hourly rates for such employees times the number of hours required to perform the work. Disputes over SWBT's charges for work performed by SWBT employees, including disputes between the parties concerning the number of hours required to perform the work, shall be subject to the dispute resolution procedures of Article 30. Notwithstanding the execution of this Agreement, Applicant shall have the right to challenge the methodology utilized by SWBT to determine hourly rates for SWBT employees at any time in any forum having jurisdiction over the subject matter.

19.11 Due Date for Payment, Interest on Past Due Invoices, Remedies for Non-payment, and Procedures for Disputing Charges. For fees and charges other than charges for facilities modification, capacity expansion, and make-ready work, each bill or invoice submitted by SWBT to Applicant shall state the date that payment is due, which date shall be not less than 60 days after the date of the bill or invoice. Applicant will pay each such bill or invoice on or before the stated due date. For facilities modification, capacity expansion, and make-ready work, the payment due date shall be not less than 30 days after the date of the bill or invoice.

(a) Interest on past due bills and invoices shall accrue at the rate of 12% per annum, or the maximum rate allowed by law, whichever is less.

(b) Applicant's failure to pay SWBT's fees and charges shall be grounds for terminating this Agreement and licenses subject to this Agreement.

(c) If Applicant fails to pay, when due, any fees or charges billed to Applicant under this Agreement, and any portion of such fees or charges remains unpaid more that 15 calendar days after the due date, SWBT may send Applicant a written notice advising Applicant that this Agreement, or specified licenses subject to this Agreement, may be

terminated if such fees or charges are not paid within 15 calendar days after the date of the notice. Applicant must remit to SWBT all such unpaid fees or charges, whether disputed or undisputed, within 15 days after the date of the notice. If Applicant pays disputed fees under protest, and it is later determined that such fees or any portion thereof should be refunded, the portion of fees to be refunded shall be refunded with interest at the rate of 12% per annum or the maximum rate allowed by law, whichever is less.

(d) Applicant may dispute any fees or charges billed by SWBT to Applicant under this Agreement by invoking the dispute resolution procedures set forth in Article 30 of this Agreement.

(e) If Applicant does not dispute such fees or charges and any portion of such undisputed fees or charges remains unpaid 30 calendar days after the date of the notice, SWBT may, to the extent permitted by the Pole Attachment Act and applicable rules, regulations, and commission orders, terminate this Agreement and licenses subject to this Agreement, suspend the processing of pending applications for access to SWBT's poles, ducts, conduits, and rights-of-way located in this State, and refuse to accept further applications for access until such undisputed fees or charges, together with accrued interest thereon, have been paid in full.

19.12 Modification of Rates, Fees and Charges. Subject to applicable federal and state laws, rules, regulations, and commission orders, SWBT shall have the right to modify all rates, charges and fees set forth in this Agreement, including but not limited to those listed in APPENDIX I, as provided in this section.

(a) Upon written notice to Applicant, SWBT may change, on a going-forward basis, the amounts of any rates, fees or charges assessed under this Agreement. Pole attachment and conduit occupancy rates shall not be increased more than once annually.

(1) The notice shall state the effective date of the changes, which, in the event of a rate increase, shall be no earlier than the 60th day after the notice is given.

(2) The changes shall be effective on the effective date stated in the notice unless stayed or prohibited by a court or agency of competent jurisdiction.

(3) The changes shall be reflected on the first semiannual bill issued on or after the effective date specified in the notice.

(b) If the rates, fees and charges set forth in the notice are not acceptable to Applicant, Applicant may, notwithstanding any other provisions of this Agreement, at Applicant's option (1) seek the renegotiation of this Agreement, (2) terminate this Agreement, or (3) seek relief through the dispute resolution process or before a court or agency of competent jurisdiction.

19.13 Disputes Over Charging Methodologies. The parties acknowledge that the Pole Attachment Act grants the FCC regulatory authority over the rates, terms, and conditions of access to poles, ducts, conduits, and rights-of-way. The parties further acknowledge that, as of the date of this Agreement, this State has not elected to assume reverse preemptive regulatory authority over such rates, terms, and conditions by certifying to the FCC that it has made such election. Accordingly, complaints concerning and challenges to SWBT's charging methodologies shall be brought, in the first instance, before the FCC in accordance with FCC procedural rules unless this State elects to preempt FCC regulation of pole attachment rates, terms, and conditions of access; provided, however, that nothing contained in this section shall be construed as affecting the right of either party to seek relief from any court or agency of competent jurisdiction in connection with the negotiation, arbitration, and approval of interconnection agreements under 47 U.S.C. § 252.

ARTICLE 20: PERFORMANCE AND PAYMENT BONDS

20.01 Bond May Be Required. SWBT may require Applicant, authorized contractors, and other persons acting on Applicant's behalf to execute performance and payment bonds (or provide other forms of security) in amounts and on terms sufficient to guarantee the performance of their respective obligations arising out of or in connection with this Agreement only as provided in subsections (a)-(b) of this section and Section 20.02. Bonds shall not be required for entities meeting all self-insurance requirements of Section 23.02 of this Agreement.

(a) If Applicant elects to perform make-ready or facilities modification work under Section 6.08(c) or Sections 10.02-10.05 of this Agreement, SWBT may require Applicant, authorized contractors, and other persons acting on Applicant's behalf to execute bonds equivalent to those which would be required by SWBT if the work had been performed by contractors, subcontractors, or other persons selected directly by SWBT. No bonds shall be required of Applicant, authorized contractors, or other persons acting on Applicant's behalf except in those situations where a bond would be required if the work were being performed on SWBT's behalf.

(b) No other bond shall be required of Applicant to secure obligations arising under this Agreement in the absence of due cause and justification.

(c) If a bond or similar form of assurance is required of Applicant, an authorized contractor, or other person acting on Applicant's behalf, Applicant shall promptly submit to SWBT, upon request, adequate proof that the bond remains in full force and effect and provide certification from the company issuing the bond that the bond will not be cancelled, changed or materially altered without first providing SWBT 60 days written notice.

(d) SWBT may communicate directly with the issuer of any bond required by SWBT pursuant to this section to verify the terms of the bond, to confirm that the bond remains in force, and to make demand on the issuer for payment or performance of any obligations secured by the bond.

20.02 Payment and Performance Bonds in Favor of Contractors and Subcontractors. Applicant shall be responsible for paying all employees, contractors, subcontractors, mechanics, materialmen and other persons or entities performing work or providing materials in connection with (a) the performance of facilities modification, capacity expansion, or make-ready work by Applicant, authorized contractors, or other persons acting on Applicant's behalf under Sections 6.08(c) and 10.02-10.05 of this Agreement or (b) the construction, attachment, use, inspection, maintenance, repair, rearrangement, modification, and removal of any of Applicant's facilities attached or to be attached to SWBT's poles or placed or to be placed within SWBT's ducts, conduits, or rights-of-way. In the event any claim or demand is made on SWBT by any such employee, contractor, subcontractor, mechanic, materialman, or other person or entity providing such materials or performing such work, SWBT may require, in addition to any security provided under Section 20.01 of this Agreement, that Applicant execute payment or performance bonds, or provide such other security, as SWBT may deem reasonable or necessary to protect SWBT from any such claim or demand.

ARTICLE 21: INDEMNIFICATION

21.01 Risks Associated with Outside Plant Operations. The parties acknowledge that SWBT's outside plant facilities include thousands of miles of pole lines, conduits, and rights-of-way located on public and private property throughout SWBT's service area, that SWBT cannot control or continuously monitor activities that occur at these sites, and that the risks associated with outside plant operations and facilities are not similar to the risks associated with operations occurring inside SWBT's central offices and other secure SWBT buildings and structures. The parties further acknowledge that

the presence of multiple firms on or in poles, ducts, conduits, and rights-of-way owned or controlled by SWBT requires that liability risks be fairly allocated between the parties and that it is the parties' intent to allocate such risks in a just, reasonable, and nondiscriminatory manner which addresses known risks associated with the outside plant environment and activities and conditions at outside plant locations.

21.02 Control of Premises. Applicant acknowledges that its employees and other persons acting on Applicant's behalf, and employees of joint users and other persons acting on behalf of joint users, will be present, without supervision or control by SWBT, and in many cases without SWBT's knowledge, on, within, and in the vicinity of SWBT's poles, ducts, conduits, and rights-of-way. During those times when Applicant's employees and personnel are present at such sites, Applicant shall be deemed, for the purpose of allocating liabilities between the parties, to be an independent contractor in control of the premises except as otherwise provided in this section. Although SWBT inspectors may be present at the site of work being performed by Applicant or persons acting on Applicant's behalf, such inspectors shall have no authority to direct Applicant or personnel acting on Applicant's behalf concerning the method or manner by which the work is to be performed, and the presence of a SWBT inspector shall not result in SWBT's being deemed to be in control of the premises. When both parties are present and performing work operations at a site subject to this section, SWBT and Applicant shall be deemed to be jointly in control of the premises. When poles, ducts, conduits, or rights-of-way occupy property owned by third parties, neither party shall be deemed to be in control of the premises, except as otherwise provided by law, at times when such party's work operations are not in progress. Work operations shall be considered to be in progress from the time work commences until such work is completed whether or not employees of a party or persons acting on such party's behalf are actually present at the site.

21.03 INDEMNITY AGAINST AND LIMITATIONS OF LIABILITY WITH RESPECT TO CERTAIN NEGLIGENT ACTS AND OMISSIONS. THIS ARTICLE INCLUDES PROVISIONS INDEMNIFYING EACH PARTY FROM LIABILITIES ARISING OUT OF OR IN CONNECTION WITH CERTAIN NEGLIGENT ACTS AND OMISSIONS OF SUCH PARTY. THIS ARTICLE ALSO INCLUDES PROVISIONS LIMITING THE LIABILITIES OF EACH PARTY ARISING OUT OF OR IN CONNECTION WITH CERTAIN NEGLIGENT ACTS AND OMISSIONS OF SUCH PARTY.

21.04 Indemnities Excluded. Except as otherwise specifically provided in this article, neither party (as an "indemnifying party") shall be required to indemnify or defend the other party (as an "indemnified party") against, or hold the indemnified party harmless from, any suit, claim, demand, loss, damage, liability, fine, penalty, or expense arising out of:

(a) any breach by the indemnified party of any provision of this Agreement or any breach by the indemnified party of the parties' interconnection agreement, if any;

(b) the violation of any law by any employee of the indemnified party or other person acting on the indemnified party's behalf;

(c) willful or intentional misconduct or gross negligence committed by any employee of the indemnified party or by any other person acting on the indemnified party's behalf; or

(d) any negligent act or acts committed by any employee of the indemnified party or other person acting on the indemnified party's behalf, if such negligent act or acts are the sole producing cause of the injury, loss, or damage giving rise to the suit, claim, demand, loss, damage, liability, fine, penalty, or expense for which indemnity is requested.

21.05 Workplace Injuries. The parties acknowledge that injuries may occur at sites where work is being performed by or for either party and that primary responsibility for preventing workplace injuries shall be placed on the party controlling work operations at the site. Workplace injuries may result from any of variety of causes, including but not limited to electrocution associated with contact with electric power lines on poles or use of defective equipment, falls from poles resulting from the negligence of the injured person or co-workers or due to the existence of unsafe conditions on or in the vicinity of the pole, cave-ins and other accidents at excavation sites, explosion of combustible gases within or in the vicinity of a conduit system, exposure to hazardous substances or noxious gases at the site, acts of God, and acts and omissions of third parties over whom neither party has control. Except as expressly provided in this Agreement to the contrary, each party shall indemnify, on request defend, and hold the other party harmless from any and all suits, claims, demands, losses, damages, liabilities, fines, penalties, or expenses of every kind and character, on account of or in connection with any injury, loss, or damage suffered by any person, which arises out of or in connection with the personal injury or death of any employee of the indemnifying party (or other person acting on the indemnifying party's behalf) if such injury or death results, in whole or in part, from any occurrence or condition on, within, or in the vicinity of SWBT's poles, ducts, conduits, and rights-of-way; provided, however, that Applicant's indemnification duties under this section shall arise only if the person injured is present at such site in connection with the performance or anticipated performance of any act required or permitted to be performed by Applicant or by persons acting on Applicant's behalf pursuant to this Agreement. Indemnities provided by this section shall be subject to the exclusions set forth in Section 21.04 and include but are not limited to indemnities arising out of or in connection with claims arising from or in any way connected with any injury, sickness, disease, or death of any employee of the indemnifying party or any person acting on the indemnifying party's behalf attributable or allegedly attributable to

occurrences or conditions on, within, or in the vicinity of SWBT's poles, ducts, conduits, and rights-of-way. EXCEPT AS PROVIDED ABOVE IN SUBSECTIONS 21.04(c)-(d), THE INDEMNIFYING PARTY'S INDEMNIFICATION OBLIGATIONS UNDER THIS SECTION SHALL ARISE EVEN IF THE INJURY, SICKNESS, DISEASE, OR DEATH WAS ATTRIBUTABLE IN PART TO NEGLIGENT ACTS OR OMISSIONS OF THE INDEMNIFIED PARTY.

21.06 Other Claims Brought Against Either Party by Employees and Other Persons Acting on the Other Party's Behalf. Nothing contained in this Agreement shall create any contractual liability or other liability on the part of either party to any employee, contractor, or subcontractor of the other party or any other person acting on the other party's behalf. Each party shall indemnify, on request defend, and hold the other party harmless from any and all suits, claims, demands, losses, damages, liabilities, or expenses of every kind and character (other than workplace injury claims subject to Section 21.05 above) made, brought, or sought against the indemnified party by any employee, contractor, or subcontractor of the indemnifying party or by any other person acting on the indemnifying party's behalf; provided, however, that this section shall apply only to suits, claims, demands, losses, damages, liabilities, or expenses related to the subject matter of this Agreement. Indemnities provided by this section shall be subject to the exclusions set forth in Section 21.04 and include but are not limited to indemnities arising out of or in connection with claims arising from or in any way connected with the employment relationship or other claimed relationship between the indemnifying party and the employee, contractor, subcontractor, or other person acting on the indemnifying party's behalf; claims arising out of disputes over payments due or allegedly due to any employee, contractor, subcontractor, or other person acting on the indemnifying party's behalf; and claims arising out of other contract disputes between the indemnifying party and the employee, contractor, subcontractor, or other person acting on the indemnifying party's behalf. EXCEPT AS PROVIDED ABOVE IN SUBSECTIONS 21.04(c)-(d), THE INDEMNIFYING PARTY'S INDEMNIFICATION OBLIGATIONS UNDER THIS SECTION SHALL ARISE EVEN IF THE INJURY, LOSS, OR DAMAGE GIVING RISE TO THE INDEMNIFICATION CLAIM WAS ATTRIBUTABLE IN PART TO NEGLIGENT ACTS OR OMISSIONS OF THE INDEMNIFIED PARTY.

21.07 Claims Brought Against Either Party by Vendors, Suppliers, Customers, and other Persons in Privity of Contract with the Other Party. The parties acknowledge that neither party controls the contractual relationships between the other party and vendors, suppliers, customers, and other persons in privity of contract with the other party and that nothing contained in this Agreement shall create any contractual or other liability of either party to any vendor, supplier, customer, or other person or entity in privity of contract with the other party. Each party shall indemnify, on request defend, and hold the other party harmless from any and all suits, claims, demands, losses, damages, liabilities, or expenses of every kind and character, made, brought, or sought against the indemnified party by any vendor, supplier, or customer of the indemnifying party or by

any other person or entity in privity with the indemnifying party; provided, however, that this section shall apply only to suits, claims, demands, losses, damages, liabilities, or expenses related to the subject matter of this Agreement or Applicant's use of SWBT's poles, ducts, conduits, or rights-of-way. The indemnifying party may not, as a defense to any obligations of the indemnifying party under this section, assert that the indemnified party's claims against the indemnifying party are barred by any tariff or contract limitation of liability applicable to the indemnifying party's vendor, supplier, or customer or to such other person in privity of contract with the indemnifying party. Indemnities provided by this section shall be subject to the exclusions set forth in Section 21.04 and include but are not limited to indemnities for claims against either party arising out of or in connection with the failure by the other party to meet its obligations (including but not limited to contract and tariff obligations) to such other party's customers and suppliers. EXCEPT AS PROVIDED ABOVE IN SUBSECTIONS 21.04(c)-(d), THE INDEMNIFYING PARTY'S INDEMNIFICATION OBLIGATIONS UNDER THIS SECTION SHALL ARISE EVEN IF THE INJURY, LOSS, OR DAMAGE GIVING RISE TO THE INDEMNIFICATION CLAIM WAS ATTRIBUTABLE IN PART TO NEGLIGENT ACTS OR OMISSIONS OF THE INDEMNIFIED PARTY.

21.08 Claims Brought Against Either Party by Such Party's Own Employees, Contractors, Subcontractors, or Other Persons Acting on Such Party's Behalf, and Claims Brought Against Either Party by Such Party's Own Vendors, Suppliers, Customers, or Other Persons in Privity of Contract with Such Party. Neither party shall be entitled to indemnity, contribution, or subrogation from or by the other party with respect to any suits, claims, demands, losses, damages, liabilities, or expenses, of any kind or character, made, brought, or sought against such party by any employee, contractor, or subcontractor of such party, by any other person acting on behalf of such party, by any vendor, supplier, or customer of such party, or by any other person or entity in privity of contract with such party, if such suit, claim, demand, loss, damage, liability, or expense arises directly out of or in connection with the subject matter of this Agreement or the use by Applicant of SWBT's poles, ducts, conduits, or rights-of-way. Indemnities excluded by this section include, but are not limited to, indemnities for claims against either party arising out of or in connection with employment-related disputes between either party and its employees; claims against either party by contractors, subcontractors, and suppliers performing work or supplying materials to SWBT sites at the request of such party; and other failures by either party to meet its obligations (including but not limited to contract and tariff obligations) to such party's own customers and suppliers. THE INDEMNIFICATION EXCLUSIONS OF THIS SECTION SHALL APPLY EVEN IF THE INJURY, LOSS, OR DAMAGE GIVING RISE TO THE INDEMNIFICATION CLAIM WAS ATTRIBUTABLE IN PART TO THE NEGLIGENT ACTS OR OMISSIONS OF THE INDEMNIFYING PARTY BUT SHALL NOT APPLY IF THE INJURY, LOSS, OR DAMAGE GIVING RISE TO THE INDEMNIFICATION CLAIM AROSE FROM WILLFUL OR INTENTIONAL MISCONDUCT OR GROSS NEGLIGENCE COMMITTED BY ANY EMPLOYEE OF THE INDEMNIFYING

PARTY OR ANY OTHER PERSON ACTING ON THE INDEMNIFYING PARTY'S BEHALF OR AROSE FROM ANY NEGLIGENT ACT OR ACTS COMMITTED BY ANY EMPLOYEE OF THE INDEMNIFYING PARTY OR OTHER PERSON ACTING ON THE INDEMNIFYING PARTY'S BEHALF, IF SUCH NEGLIGENT ACT OR ACTS ARE THE SOLE PRODUCING CAUSE OF THE INJURY, LOSS, OR DAMAGE GIVING RISE TO THE SUIT, CLAIM, DEMAND, LOSS, DAMAGE, LIABILITY, FINE, PENALTY, OR EXPENSE FOR WHICH INDEMNITY IS REQUESTED.

21.09 Injuries to Third Parties and Third-party Property Owners Resulting from the Parties' Conduct. Each party shall indemnify, on request defend, and hold the other party harmless from any and all suits, claims, demands, losses, damages, liabilities, fines, penalties, or expenses, of every kind and character, on account of or in connection with the personal injury or death of any third party or physical damage to real or personal property owned by a third party, arising, in whole or in part, out of or in connection with the conduct of employees of the indemnifying party or other persons acting on the indemnifying party's behalf while such employees or other persons are present on, within, or in the vicinity of any SWBT pole, duct, conduit, or right-of-way in connection with the performance or anticipated performance of any act required or authorized to be performed pursuant to this Agreement. Indemnities provided by this section shall be subject to the exclusions set forth in Section 21.04 and include but are not limited to indemnities arising out of or in connection with personal injury, death, and property damage claims by third parties based on willful or intentional misconduct and negligent acts and omissions of the indemnifying party.

21.10 Indemnification for Environmental Claims. The parties acknowledge that hazardous substances may be present on, within, or in the vicinity of SWBT's poles, ducts, conduits, or rights-of-way; that employees and other persons acting on the parties' behalf working on, within, or in the vicinity of SWBT's poles, ducts, conduits, or rights-of-way should be familiar with environmental laws and environmental concerns which arise in outside plant contexts; that all such employees and other persons should be prepared to recognize and deal with environmental contingencies existing at specific sites; and that liabilities associated with environmental claims arising out of or in connection with the subject matter of this Agreement shall be allocated between the parties as set forth in this section.

(a) Each party shall indemnify, on request defend, and hold the other party harmless from any and all suits, claims, demands, losses, damages, liabilities, fines, penalties, or expenses, of every kind and character, on account of or in connection with any injury, loss, or damage to any person or property, or to the environment, arising out of or in connection with the violation or breach, by any employee of the indemnifying party or other person acting on the indemnifying party's behalf, of (1) any federal, state, or local environmental statute, rule, regulation, ordinance,

or other law or (2) any provision or requirement of this Agreement dealing with hazardous substances or protection of the environment.

(b) Each party shall indemnify, on request defend, and hold the other party harmless from any and all suits, claims, demands, losses, damages, liabilities, fines, penalties, or expenses, of every kind and character, on account of or in connection with any injury, loss, or damage to any person or property, or to the environment, arising out of or in connection with the release or discharge, onto any public or private property, of any hazardous substances, regardless of the source of such hazardous substances, by any employee of the indemnifying party, or by any person acting on the indemnifying party's behalf, while present on, within, or in the vicinity of any SWBT pole, duct, conduit, or right-of-way. Indemnities provided by this subsection include but are not limited to indemnities arising out of or in connection with the release or discharge of water and other substances from SWBT's manholes or other conduit facilities.

(c) Each party shall indemnify, on request defend, and hold the other party harmless from any and all suits, claims, demands, losses, damages, liabilities, fines, penalties, or expenses, of every kind and character, on account of or in connection with any injury, loss, or damage to any person or property, or to the environment, arising out of or in connection with the removal or disposal of any hazardous substances by the indemnifying party or by any person acting on the indemnifying party's behalf, or arising out of or in connection with the subsequent storage, processing or other handling of such hazardous substances by any person or entity after they have been removed by the indemnifying party or persons acting on the indemnifying party's behalf from the site of any SWBT pole, duct, conduit, or right-of-way. For the purposes of this subsection, any person or entity removing or disposing of hazardous substances at the request of the indemnifying party or at the request of any person acting on the indemnifying party's behalf, and any person or entity subsequently receiving, storing, processing, or otherwise handling such hazardous substances shall be considered to be a person acting on the indemnifying party's behalf.

(d) Except as otherwise specifically provided in this section, neither party shall be required to indemnify or defend the other party against, or hold the other party harmless from any loss, damage, claim, demand, suit, liability, fine, penalty or expense for which the other party may be liable under any federal, state, or local environmental statute, rule, regulation, ordinance, or other law.

21.11 Miscellaneous Claims. Applicant shall indemnify, on request defend, and hold SWBT harmless from any and all suits, claims, demands, losses, damages, liabilities, fines, penalties, and expenses, of every kind and character, made, brought, or sought against SWBT by any person or entity, arising out of or in connection with the subject matter of this Agreement and based on either:

(a) claims for taxes, municipal fees, franchise fees, right-to-use fees, and other special charges assessed on SWBT due to the placement or presence of Applicant's facilities on or within SWBT's poles, ducts, conduits, or rights-of-way; or

(b) claims based on the violation by Applicant of any third party's intellectual property rights, including but not limited to claims for copyright infringement, patent infringement, or unauthorized use or transmission of television or radio broadcast programs or other program material.

21.12 Applicant's General Indemnity Obligations to SWBT. This section applies only in those situations not expressly covered by Sections 21.05-21.11 and does not apply to any suit, claim, demand, loss, damage, or expense resulting from Applicant's enforcement of its rights against SWBT pursuant to this Agreement or other provisions in the parties' interconnection agreement, if any. Except as otherwise expressly provided in this Agreement to the contrary, and subject to the exclusions set forth in Section 21.04, Applicant shall indemnify, on request defend, and hold SWBT harmless from any and all suits, claims, demands, losses, damages, liabilities, fines, penalties, and expenses, of every kind and character, on account of or in connection with any injury, loss, or damage to any person or property, or to the environment, arising out of or in connection with Applicant's access to or use of SWBT's poles, ducts, conduits, or rights-of-way, Applicant's performance of any acts authorized under this Agreement, or the presence or activities of Applicant's employees or other personnel acting on Applicant's behalf on, within, or in the vicinity of SWBT's poles, ducts, conduits, or rights-of-way.

21.13 SWBT's General Indemnity Obligations to Applicant. This section applies only in those situations not expressly covered by Sections 21.05-21.10 and does not apply to any suit, claim, demand, loss, damage, or expense resulting from SWBT's enforcement of its rights against Applicant pursuant to this Agreement or other provisions in the parties' interconnection agreement, if any. Except as otherwise expressly provided in this Agreement to the contrary, SWBT shall indemnify, on request defend, and hold Applicant harmless from any and all suits, claims, demands, losses, damages, liabilities, fines, penalties, and expenses, of every kind and character, on account of or in connection with any injury, loss, or damage to any person or property, or to the environment, arising out of or in connection with SWBT's access to or use of

SWBT's poles, ducts, conduits, or rights-of-way, SWBT's performance of any acts authorized under this Agreement, or the presence or activities of SWBT's employees or other personnel acting on SWBT's behalf on, within, or in the vicinity of SWBT's poles, ducts, conduits, or rights-of-way.

21.14 No Rights, Claims, Causes of Action, or Remedies for the Benefit of Third Parties. Nothing contained in this article is intended to create any rights, claims, causes of action, or remedies for the benefit of any third party.

21.15 Assertion of Limitation of Liability Defenses. Each party shall diligently assert the limitation of liability provisions of any applicable tariff or contract in any case involving injury, loss, or damage to any customer of such party for which the other party is not exempt from indemnification liabilities to the indemnified party under this Agreement.

21.16 Indemnity Liabilities Not Subject to Article 22 Limitations of Liability. Indemnity liabilities under this article shall not be subject to Article 22 limitations of liability.

21.17 Defense of Suits. Upon request by the indemnified party, the indemnifying party shall defend any suit brought against the indemnified party for any injury, loss, or damage subject to indemnification under this Agreement. The indemnified party shall notify the indemnifying party promptly in writing of any written claims, lawsuits, or demands for which the indemnifying party may be responsible under this Agreement. The indemnified party shall cooperate in every reasonable way to facilitate defense or settlement. The indemnifying party shall have the right to control and conduct the defense and settlement of any action or claim subject to consultation of the indemnified party. The indemnifying party shall not be responsible for any settlement unless the indemnifying party approved such settlement in advance and agrees to be bound by the settlement agreement.

ARTICLE 22: LIABILITIES AND LIMITATIONS OF LIABILITY

22.01 LIMITATIONS OF LIABILITY WITH RESPECT TO NEGLIGENT ACTS AND OMISSIONS. THIS ARTICLE INCLUDES PROVISIONS LIMITING THE LIABILITIES OF EACH PARTY ARISING OUT OF OR IN CONNECTION WITH CERTAIN NEGLIGENT ACTS AND OMISSIONS OF SUCH PARTY.

22.02 LIMITATIONS OF LIABILITY IN GENERAL. EXCEPT AS OTHERWISE EXPRESSLY PROVIDED IN SECTIONS 21.16 AND 22.05, NEITHER PARTY'S LIABILITY TO THE OTHER PARTY FOR DAMAGES ATTRIBUTABLE, IN WHOLE OR IN PART, TO ANY NEGLIGENT ACT OR OMISSION IN THE PERFORMANCE OF THIS AGREEMENT, WHETHER ARISING IN CONTRACT OR TORT, SHALL EXCEED IN THE AGGREGATE FOR ANY CALENDAR YEAR

THE GREATER OF $250,000, OR THE TOTAL AMOUNT CHARGED BY SWBT TO APPLICANT UNDER THIS AGREEMENT FOR THE CALENDAR YEARS WHEN THE ACTS OR OMISSIONS GIVING RISE TO LIABILITY OCCURRED. NOTHING CONTAINED IN THIS SECTION SHALL BE CONSTRUED AS LIMITING EITHER PARTY'S LIABILITY FOR ACTS OR OMISSIONS CONSTITUTING WILLFUL OR INTENTIONAL MISCONDUCT OR GROSS NEGLIGENCE BY SUCH PARTY.

22.03 EXCLUSION OF LIABILITY FOR SPECIAL, INDIRECT, OR CONSEQUENTIAL DAMAGES. NEITHER PARTY SHALL BE LIABLE TO THE OTHER PARTY FOR ANY INDIRECT, SPECIAL, CONSEQUENTIAL, INCIDENTAL, OR PUNITIVE DAMAGES, INCLUDING BUT NOT LIMITED TO LOSS OF ANTICIPATED PROFITS OR REVENUE OR OTHER ECONOMIC LOSS IN CONNECTION WITH OR ARISING FROM ANY ACT OR FAILURE TO ACT PURSUANT TO THIS AGREEMENT, EVEN IF THE OTHER PARTY HAS ADVISED SUCH PARTY OF THE POSSIBILITY OF SUCH DAMAGES. THIS SECTION LIMITS EACH PARTY'S LIABILITY FOR INDIRECT, SPECIAL, CONSEQUENTIAL, INCIDENTAL, OR PUNITIVE DAMAGES ARISING OUT OF OR IN CONNECTION WITH NEGLIGENT (INCLUDING GROSSLY NEGLIGENT) ACTS OR OMISSIONS OF SUCH PARTY BUT DOES NOT LIMIT EITHER PARTY'S LIABILITY FOR INTENTIONAL MISCONDUCT.

22.04 SWBT Not Liable to Applicant for Acts of Third Parties or Acts of God. By affording Applicant access to poles, ducts, conduits, and rights-of-way owned or controlled by SWBT, SWBT does not warrant, guarantee, or insure the uninterrupted use of such facilities by Applicant. Except as specifically provided in Section 22.05 of this Agreement, Applicant assumes all risks of injury, loss, or damage (and the consequences of any such injury, loss, or damage) to Applicant's facilities attached to SWBT's poles or placed in SWBT's ducts, conduits, or rights-of-way, and SWBT shall not be liable to Applicant for any damages to Applicant's facilities other than as provided in Section 22.05. In no event shall SWBT be liable to Applicant under this Agreement for any injury, loss, or damage resulting from the acts or omissions of (1) any joint user or any person acting on a joint user's behalf, (2) any governmental body or governmental employee, (3) any third-party property owner or persons acting on behalf of such property owner, or (4) any licensee, invitee, trespasser, or other person present at the site or in the vicinity of any SWBT pole, duct, conduit, or right-of-way in any capacity other than as a SWBT employee or person acting on SWBT's behalf. In no event shall SWBT be liable to Applicant under this Agreement for injuries, losses, or damages resulting from acts of God (including but not limited to storms, floods, fires, and earthquakes), wars, civil disturbances, espionage or other criminal acts committed by persons or entities not acting on SWBT's behalf, cable cuts by persons other than SWBT's employees or persons acting on SWBT's behalf, or other causes beyond SWBT's control which occur at sites subject to this Agreement.

22.05 Damage to Facilities. Except as otherwise specifically provided in this section, neither party shall be liable to the other party for any injury, loss, or damage (or for the direct or indirect consequences of any such injury, loss, or damage) to such other party's facilities attached to SWBT's poles or placed within or in the vicinity of SWBT's poles, ducts, conduits, or rights-of-way.

(a) Each party (the "responsible party"), and persons acting on behalf of the responsible party, shall exercise due care to avoid damaging the facilities of the other party (the "injured party"). In the event such damage occurs, the responsible party or persons acting on behalf of the responsible party shall immediately report such damages to the injured party, and the injured party shall promptly make such arrangements as may be necessary to restore service to its customers using the facilities affected.

(b) The responsible party shall reimburse the injured party for the actual costs incurred by the injured party for repair of facilities damaged by the willful misconduct, grossly negligent acts, grossly negligent omissions, and negligent acts (but not negligent omissions other than grossly negligent omissions) of employees of the responsible party.

(c) The responsible party shall reimburse the injured party for the actual costs incurred by the injured party for repair of facilities damaged by the willful misconduct, grossly negligent acts or omissions, and negligent acts (but not negligent omissions other than grossly negligent omissions) of independent contractors acting on the responsible party's behalf; provided, however, that the injured party shall be limited to recovery of those costs which cannot be recovered from the independent contractor causing the damage. The responsible party shall not be liable to the injured party under this section until the injured party's claims against the independent contractor causing the damage have been adjudicated or settled and the amount of the injured party's claim against the responsible party is determinable.

(d) NEITHER PARTY SHALL BE REQUIRED BY THIS SECTION TO REIMBURSE THE OTHER PARTY FOR COSTS INCURRED AS A RESULT OF NEGLIGENT OMISSIONS OTHER THAN GROSSLY NEGLIGENT OMISSIONS COVERED BY SUBSECTIONS (c)-(d) OF THIS SECTION.

(e) THIS SECTION LIMITS, BUT DOES NOT EXCLUDE, THE RESPONSIBLE PARTY'S LIABILITY TO THE INJURED PARTY FOR DAMAGES CAUSED BY NEGLIGENT (INCLUDING

GROSSLY NEGLIGENT) ACTS OF THE RESPONSIBLE PARTY AND PERSONS ACTING ON THE RESPONSIBLE PARTY'S BEHALF.

22.06 No Limitations of Liability in Contravention of Federal or State Law. Nothing contained in this article shall be construed as exempting either party from any liability, or limiting such party's liability, in contravention of federal law or in contravention of the laws of this State.

22.07 Claims Against Third Parties. Nothing contained in this article shall be construed as requiring either party to forego any claims that such party may have against third parties, including but not limited to contractors, subcontractors, or persons (other than the other party's employees) acting on the other party's behalf.

ARTICLE 23: INSURANCE

23.01 Insurance Required. Applicant shall comply with the insurance requirements specified in this section.

(a) Unless Applicant has provided proof of self-insurance as permitted in Section 23.02 below, Applicant shall obtain and maintain in full force and effect, for so long as this Agreement remains in effect, insurance policies specified in APPENDIX IV of this Agreement. Each policy shall name SWBT as an additional insured and shall include provisions requiring the insurer to give SWBT notice of any lapse, cancellation, or termination of the policy or any modification to the policy affecting SWBT's rights under the policy, including but not limited to any decrease in coverage or increase in deductibles.

(b) Except as provided in this subsection, exclusions from coverage or deductibles, other than those expressly permitted in APPENDIX IV, must be approved in writing by SWBT. For authorized contractors and other contractors performing work on, within, or in the vicinity of SWBT's poles, ducts, conduits, and rights-of-way on Applicant's behalf, exclusions from coverage or deductibles, other than those expressly permitted in APPENDIX IV, must be approved in writing by Applicant.

(c) Authorized contractors and other contractors performing work on, within, or in the vicinity of SWBT's poles, ducts, conduits, or rights-of-way on Applicant's behalf shall be required to meet the same insurance requirements applicable to contractors performing similar work on SWBT's behalf. Applicant shall be responsible for securing compliance

by its contractors with this requirement and shall be liable to SWBT for any damages resulting from its failure to do so.

(d) Self-insurance shall be permitted for persons and entities (including but not limited to Applicant and authorized contractors) meeting the self-insurance requirements set forth in Section 23.02.

23.02 Proof of Insurance or Self-insurance. Proof of insurance or self-insurance shall be made pursuant to the provisions of this section.

(a) Applicant shall submit to SWBT adequate proof (as determined by SWBT) that the companies insuring Applicant are providing all coverages required by this Agreement. Applicant's insurers shall provide SWBT with certifications that required coverages will not be cancelled, changed or materially altered (e.g., by increasing deductibles or altering exclusions from coverage) except after 30 days written notice to SWBT.

(b) SWBT will accept certified proof of a person or entity's qualification as a self-insurer for Workers' Compensation and Employers Liability, where self-insurance is permitted, upon receipt of a current copy of a Certificate of Authority to Self-insure issued by the Workers' Compensation Commission of this State. SWBT will accept self-insurance by a person or entity in lieu of other Commercial General Liability and Automobile Liability Coverage if such person or entity warrants that its net worth, as shown by its most recent audited financial statement with no negative notes, is at least 10 times the minimum liability limits set forth in APPENDIX IV and SWBT is satisfied that such entity will be able to meet its liability obligations under this Agreement.

(c) Applicant shall be responsible for determining whether contractors and other persons present on Applicant's behalf on, within, and in the vicinity of SWBT's poles, ducts, conduits, and rights-of-way meet the self-insurance requirements of this subsection. Applicant may accept certified proof of any such person's or entity's qualification as a self-insurer for Workers' Compensation and Employers Liability, where self-insurance is permitted, upon receipt of a current copy of a Certificate of Authority to Self-insure issued by the Workers' Compensation Commission of this State. Applicant may accept proof of self-insurance by a person or entity in lieu of other Commercial General Liability and Automobile Liability Coverage if such person or entity warrants that its net worth, as shown by its most recent audited financial statement with

no negative notes, is at least 10 times the minimum liability limits set forth in APPENDIX IV and Applicant is satisfied that such entity will be able to meet its liability obligations with respect to activities performed on, within, and in the vicinity of SWBT's poles, ducts, conduits, and rights-of-way.

23.03 Licensing Contingent on Proof of Insurance. All insurance required in accordance with APPENDIX IV, or self-insurance as permitted in Section 23.02, must be in effect before SWBT will issue pole attachment or conduit occupancy licenses under this Agreement and shall remain in force until all of Applicant's facilities have been removed from SWBT's poles, ducts, conduits, and rights-of-way.

23.04 Failure to Obtain or Maintain Coverage. Applicant's failure to obtain and maintain the required levels and types of insurance coverage required under this Agreement shall be grounds for termination of this Agreement and licenses subject to this Agreement. If an insurance carrier shall at any time notify Applicant or SWBT that any policy or policies of insurance required under this Agreement will be cancelled or changed in any manner which will result in Applicant's failure to meet the requirements of this Agreement, SWBT may terminate this Agreement and all licenses subject to this Agreement not less than 60 days after giving Applicant written notice of its intention to do so, and such termination shall be effective on the termination date specified in the notice unless Applicant has obtained (or made arrangements satisfactory to SWBT to obtain) the required coverage from another source. In the alternative, SWBT may, in its sole discretion, elect to take such action as may be necessary to keep such policy in effect with the required coverages.

ARTICLE 24: ASSIGNMENT OF RIGHTS

24.01 Assignment Permitted. Neither party may assign or otherwise transfer its rights or obligations under this Agreement except as provided in this section.

(a) SWBT may assign its rights, delegate its benefits, and delegate its duties and obligations under this Agreement, without Applicant's consent, to any entity controlling, controlled by, or under common control with SWBT or which acquires or succeeds to ownership of substantially all of SWBT's assets.

(b) Applicant may assign its rights, delegate its benefits, and delegate its duties and obligations under this Agreement, without SWBT's consent, to: any telecommunications carrier or cable system operator which (1) is entitled to access to SWBT's poles, ducts, conduits, and rights-of-way under the Pole Attachment Act and (2) controls, is controlled by, or is under common control with Applicant or acquires and succeeds to

ownership of substantially all of Applicant's assets; provided, however, that such assignment shall not be effective until Applicant has given SWBT written notice of the assignment pursuant to Section 24.03 and guaranteed the performance of Applicant's assignee or successor. Applicant's assignee or successor shall assume all outstanding obligations of Applicant under this Agreement, including but not limited to all liabilities and contingent liabilities of Applicant arising out of or in connection with this Agreement.

(c) Applicant may, ancillary to a bona fide loan transaction between Applicant and any lender, and without SWBT's consent, grant security interests or make collateral assignments in substantially all of Applicant's assets, including Applicant's rights under this Agreement, subject to the express terms of this Agreement. In the event Applicant's lender, in the bona fide exercise of its rights as a secured lender, forecloses on its security interest or arranges for a third party to acquire Applicant's assets through public or private sale or through an Agreement with Applicant, Applicant's lender or the third party acquiring Applicant's rights under this Agreement shall assume all outstanding obligations of Applicant under the agreement and provide proof satisfactory to SWBT that such lender or third party has complied or will comply with all requirements established under this Agreement. Notwithstanding any provisions of this Agreement to the contrary, such foreclosure by Applicant's lender or acquisition of assets by such third party shall not constitute a breach of this Agreement and, upon such foreclosure or acquisition, Applicant's lender or such third party shall succeed to all rights and remedies of Applicant under this Agreement (other than those rights and remedies, if any, which have not been transferred and, if Applicant is a debtor under the Federal Bankruptcy Code, those rights, if any, which remain a part of the debtor's estate notwithstanding an attempted foreclosure or transfer) and to all duties and obligations of Applicant under the Agreement, including liability to SWBT for any act, omission, default, or obligation that arose or occurred under the Agreement prior to the date on which such lender or third party succeeds to the rights of Applicant under the Agreement, as applicable.

(1) In the event Applicant or Applicant's lender requests that SWBT, in connection with a bona fide loan transaction between Applicant and Applicant's lender, sign any additional consents, or make other accommodations to protect such lender's interest, Applicant or Applicant's lender shall reimburse SWBT for all expenses incurred by SWBT in connection with such requests and accommodations,

including but not limited to in-house or outside legal expenses incurred by SWBT in processing the request.

(2) In the event Applicant or Applicant's lender desires that SWBT provide notices to Applicant's lender or permit Applicant's lender, in the event of a breach, to cure any default or termination event if Applicant fails to do so, Applicant shall notify SWBT's authorized agent, as designated in Article 29 of this Agreement, that such notices may be sent to Applicant's lender as well to Applicant. Nothing contained in this subsection shall be construed as imposing any duty on SWBT in favor of Applicant's lender, and this section shall not be construed to provide Applicant's lender or any other third parties with any rights, claims, causes of action of any kind. Applicant waives any and all claims or causes of action, of every kind and character, past, present, or future, arising out of or in connection with the giving of any notice to Applicant's lender pursuant to this section or any failure to give such notice.

(d) Either party may assign or transfer rights or obligations under this Agreement on such terms and conditions as are mutually acceptable to the other party and with such other party's prior written consent, which consent may be withheld only for due cause and justification.

(e) No assignment or transfer by Applicant of rights under this Agreement, licenses subject to this Agreement, or authorizations granted under this Agreement shall be effective until Applicant, its successors, and assigns have complied with the provisions of this article, secured SWBT's prior written consent to the assignment or transfer, if necessary, and given SWBT notice of the assignment or transfer pursuant to Section 24.03.

(f) Except as otherwise expressly provided in this article, neither this Agreement, nor any licenses or authorizations subject to this Agreement, shall inure to the benefit of Applicant's successors or assigns without SWBT's prior written consent.

24.02 Incorporations, Mergers, Acquisitions, and Other Changes in Applicant's Legal Identity. When the legal identity or status of Applicant changes, whether by incorporation, reincorporation, merger, acquisition, or otherwise, such change shall be treated as an assignment subject to the provisions of this article.

24.03 Notice of Assignment. Applicant shall provide SWBT with 60 days advance notice in writing of any assignment.

24.04 Assignment Shall Not Relieve Applicant of Prior Obligations. Except as otherwise expressly agreed by SWBT in writing, no assignment permitted by SWBT under this Agreement shall relieve Applicant of any obligations arising under or in connection with this Agreement, including but not limited to indemnity obligations under Article 21 of this Agreement or the interconnection agreement, if any.

24.05 Satisfaction of Existing Obligations and Assumption of Contingent Liabilities. SWBT may condition its approval of any requested assignment or transfer on the assignee's or successor's payment or satisfaction of all outstanding obligations of Applicant under this Agreement and the assignee's or successor's assumption of any liabilities, or contingent liabilities, of Applicant arising out of or in connection with this Agreement.

24.06 Satisfaction of All Other Licensing Requirements. Applicant's assignee or successor must, within 60 days following the assignment, provide proof satisfactory to SWBT that such assignee or successor has complied or will comply with all licensing requirements established under this Agreement, including but not limited to requirements that such assignee or successor verify, to the best of its information and belief, as provided in Section 17.03, that all facilities owned or used by such assignee or successor and presently attached to SWBT's poles or placed within any portion of SWBT's conduit system within this State have been disclosed to SWBT and are subject to existing licenses and that such assignee or successor has complied with the insurance requirements set forth in Article 23 of this Agreement.

24.07 Additional Post-Assignment Requirements. Applicant's assignee or successor shall, within 60 days following the assignment:

(a) sign this Agreement as an assignee or successor expressly agreeing to be bound by all provisions of this Agreement and licenses subject to this Agreement;

(b) provide proof, satisfactory to SWBT, of such assignee's assumption of the obligations of this Agreement; and

(c) pay a one-time contract administration fee, as provided in APPENDIX I of this Agreement, if no Master Agreement for Access to SWBT's Poles, Ducts, Conduits, or Rights-of-Way between SWBT and such assignee is in effect for this State, or an administrative record-keeping fee as provided in APPENDIX I of this Agreement, if there is a Master Agreement in effect for this State.

24.08 Sublicenses Prohibited. Nothing contained in this Agreement shall be construed as granting Applicant the right to sublicense any rights under this Agreement

or licenses subject to this Agreement to any third party. Except as otherwise expressly permitted in this Agreement, Applicant shall not allow third party to attach or place facilities to or in pole or conduit space occupied by or assigned to Applicant or to utilize such space.

ARTICLE 25: TERMINATION OF AGREEMENT OR LICENSES; REMEDIES FOR BREACHES

25.01 Termination Due to Non-Use of Facilities or Loss of Required Authority. Applicant shall, by written notice to SWBT, terminate this Agreement and all licenses subject to this Agreement if Applicant ceases to have authority to do business or ceases to do business in this State, ceases to have authority to provide or ceases to provide cable television services in this State (if Applicant is cable television system having access to SWBT's poles, ducts, conduits or rights-of-way solely to provide cable television service), ceases to have authority to provide or ceases to provide telecommunications services in this State (if Applicant is a telecommunications carrier which does not also have authority to provide cable television service in this State), or ceases to make active use of SWBT's poles, ducts, conduits, and rights-of-way in this State. Applicant shall, by written notice to SWBT, terminate individual licenses subject to this Agreement if (a) Applicant ceases to utilize the pole attachment or conduit occupancy space subject to such licenses or (b) Applicant's permission to use or have access to particular poles, ducts, conduits, or rights-of-way has been revoked, denied, or terminated for reasons of safety or any other lawful reason by any federal, state, or local governmental authority or third-party property owner having authority to revoke, deny, or terminate such use or access. Responsibility for terminating this Agreement or individual licenses under the circumstances set forth in this section shall be a contractual obligation imposed on Applicant, and the failure by Applicant to terminate this Agreement or individual licenses pursuant to this section shall be a material breach of this Agreement.

25.02 Limitation, Termination, or Refusal of Access for Certain Material Breaches. Applicant's access to SWBT's poles, ducts, conduits, and rights-of-way shall not materially interfere with or impair service over any facilities of SWBT or any joint user, cause material damage to SWBT's plant or the plant of any joint user, impair the privacy of communications carried over the facilities of SWBT or any joint user, or create serious hazards to the health or safety of any persons working on, within, or in the vicinity of SWBT's poles, ducts, rights-of-way or to the public. Upon reasonable notice and opportunity to cure, SWBT may limit, terminate or refuse access if Applicant violates this provision; provided, however, that such limitation, termination or refusal will be limited to Applicant's access to poles, ducts, conduits, and rights-of-way located in the SWBT construction district in which the violation occurs, shall be as narrowly limited in time and geographic scope as may be necessary to enable Applicant to adopt suitable controls to prevent further violations, and shall be subject to review, at Applicant's request, pursuant to the dispute resolution procedures set forth in this Agreement (or, if applicable, the parties' interconnection agreement) or, as permitted by law, before any court, agency, or other tribunal having jurisdiction over the subject matter. In the event Applicant invokes dispute resolution procedures or seeks review before a court, agency, or other tribunal having jurisdiction of the subject matter, the

limitation, termination, or refusal of access may be stayed or suspended by agreement of the parties or by order of the tribunal having jurisdiction over the parties' dispute.

25.03 Notice and Opportunity to Cure Breach. In the event of any claimed breach of this Agreement by either party, the aggrieved party may give written notice of such claimed breach as provided in this section.

(a) The notice shall set forth in reasonable detail:

(1) the conduct or circumstances complained of, together with the complaining party's legal basis for asserting that a breach has occurred;

(2) the action believed necessary to cure the alleged breach; and

(3) any other matter the complaining party desires to include in the notice.

(b) Except as provided in Section 25.02 and subsection (c) of this section, the complaining party shall not be entitled to pursue any remedies available under this Agreement or relevant law unless such notice is given and (1) the breaching party fails to cure the breach within 30 days of such notice, if the breach is one which can be cured within 30 days, or (2) the breaching party fails to commence promptly and pursue diligently a cure of the breach, if the required cure is such that more than 30 days will be required to effect such cure; provided, however, that nothing contained in this section shall preclude either party from invoking the dispute resolution procedures set forth in Article 30 of this Agreement, or any complaint or dispute resolution procedures offered by the FCC or State Commission, at any time.

(c) Nothing contained in this section shall preclude either party from filing a complaint or bringing suit in any court, agency, or other tribunal of competent jurisdiction to restrain or enjoin any conduct of the other party which threatens the complaining party with irreparable injury, loss or damage without first giving the notice otherwise required by subsection (b).

25.04 Remedies for Breach. Subject to the provisions of this article and the dispute resolution procedures of Article 30, either party may terminate this Agreement in the event of a material breach by the other party or exercise any other legal or equitable right which such party may have to enforce the provisions of this Agreement. Except as otherwise specifically provided in Section 30.07, in any action based on an alleged

breach of this Agreement, the prevailing party shall be entitled to recover all costs and expenses incurred by such party, including but not limited to reasonable attorneys' fees.

ARTICLE 26: FAILURE TO ENFORCE

26.01 No Waiver. The failure by either party to take action to enforce compliance with any of the terms or conditions of this Agreement, to give notice of any breach, or to terminate this Agreement or any license or authorization subject to this Agreement shall not constitute a waiver or relinquishment of any term or condition of this Agreement, a waiver or relinquishment of the right to give notice of breach, or waiver or relinquishment of any right to terminate this Agreement. Notwithstanding any such failure, all terms and conditions of this Agreement and all rights of either party hereunder shall be and remain at all times in full force and effect.

ARTICLE 27: EFFECTIVE DATE, TERM, AND ELECTIVE TERMINATION

27.01 Effective Date. This Agreement shall be effective as of the ___ day of _____, 2000, or, if this Agreement has been entered into as an appendix, attachment, or exhibit to an interconnection agreement between the parties, the date of approval by the State Commission of the interconnection agreement, whichever date first occurs.

27.02 Initial Term. Unless sooner terminated as herein provided, the initial term of this Agreement shall run from the effective date until the end of the calendar year which includes the effective date.

27.03 Automatic Renewal. Unless sooner terminated as herein provided, this Agreement shall be automatically renewed for successive one-year terms beginning on the first day of each calendar year after the effective date.

27.04 Elective Termination. Either party may terminate this Agreement by giving the other party at least six months prior written notice as provided in this section.

(a) Applicant may terminate this Agreement with or without cause.

(b) The parties acknowledge that the Pole Attachment Act, 47 U.S.C. §224(e), as added by the Telecommunications Act of 1996, expressly directs the FCC to promulgate new regulations governing charges to telecommunications carriers for access to poles, ducts, conduits, and rights-of-way and that such new regulations are to take effect five years after the date of enactment of the Telecommunications Act of 1996 (that is, February 8, 2001). The parties further acknowledge that due to nondiscrimination requirements, it is desirable that formal attachment

agreements establishing rates, terms, and conditions of access be revised simultaneously, to the extent possible. Accordingly, the parties agree that SWBT may terminate this Agreement only for cause during the period beginning with the effective date of this Agreement through February 8, 2001. Thereafter, SWBT may terminate this Agreement with or without cause, subject to the provisions of subsection (d) and Section 27.05 below.

(c) The notice of termination shall state the effective date of termination, which date shall be no earlier than the last to occur of the following dates: the last day of the current term of this Agreement or six months after the date the notice is given.

(d) The elective termination of this Agreement by SWBT under this section shall not require immediate removal of Applicant's facilities from poles, ducts, conduits, and rights-of-way owned or controlled by SWBT and shall be subject to the provisions of Section 27.05 below; provided, however, that Applicant shall, within 60 days after the effective date of the termination, either initiate negotiations for continued access to SWBT's poles, ducts, conduits, and rights-of-way or remove its facilities in accordance with the provisions of Article 18 of this Agreement.

27.05 Effect of Elective Termination. Elective termination of this Agreement by Applicant, as permitted under Section 27.04 of this Agreement, shall not affect Applicant's liabilities and obligations incurred under this Agreement prior to the effective date of termination and shall not entitle Applicant to the refund of any advance payment made to SWBT under this Agreement. Elective termination of this Agreement by SWBT shall not affect SWBT's obligations to afford access to SWBT's poles, ducts, conduits, and rights-of-way owned or controlled by SWBT as required by the Pole Attachment Act, the Telecommunications Act of 1996, and other applicable laws, regulations, and commission orders.

ARTICLE 28: CONFIDENTIALITY OF INFORMATION

28.01 Information Provided by Applicant to SWBT. Except as otherwise specifically provided in this Agreement, all company-specific and customer-specific information submitted by Applicant to SWBT in connection with this Agreement (including but not limited to information submitted in connection with Applicant's applications for the assignment of pole attachment and occupancy space and for pole attachment and conduit occupancy licenses) shall be deemed to be "confidential" or "proprietary" information of Applicant and shall be subject to the terms set forth in this article. Confidential or proprietary information specifically includes information or knowledge related to Applicant's review of records regarding a particular market area, or

relating to assignment of space to Applicant in a particular market area, and further includes knowledge or information about the timing of Applicant's request for or review of records or its inquiry about SWBT facilities. This article does not limit the use by SWBT of aggregate information relating to the occupancy and use of SWBT's poles, ducts, conduits, and rights-of-way by firms other than SWBT (that is, information submitted by Applicant and aggregated by SWBT in a manner that does not directly or indirectly identify Applicant).

28.02 Access Limited to Persons with a Need to Know. Confidential or proprietary information provided by Applicant to SWBT in connection with this Agreement shall not be disclosed to, shared with, or accessed by any person or persons (including but not limited to personnel involved in sales, marketing, competitive intelligence, competitive analysis, strategic planning, and similar activities) other than those who have a need to know such information for the limited purposes set forth in Sections 28.03-28.06.

28.03 Permitted Uses of Applicant's Confidential Information. Notwithstanding the provisions of Sections 28.01 and 28.02 above, SWBT and persons acting on SWBT's behalf may utilize Applicant's confidential or proprietary information for the following purposes: (a) posting information, as necessary, to SWBT's outside plant records; (b) placing, constructing, installing, operating, utilizing, maintaining, monitoring, inspecting, repairing, relocating, transferring, conveying, removing, or managing SWBT's poles, ducts, conduits, and rights-of-way and any SWBT facilities located on, within, or in the vicinity of such poles, ducts, conduits, and rights-of-way; (c) performing SWBT's obligations under this Agreement and similar agreements with third parties; (d) performing SWBT's general obligations to afford nondiscriminatory access to telecommunications carriers and cable television systems under the Pole Attachment Act; (e) determining which of SWBT's poles, ducts, conduits, and rights-of-way are (or may in the future be) available for SWBT's own use, and making planning, engineering, construction, and budgeting decisions relating to SWBT's poles, ducts, conduits, and rights-of-way; (f) preparing cost studies; (g) responding to regulatory requests for information; (h) maintaining SWBT's financial accounting records; and (i) complying with other legal requirements relating to poles, ducts, conduits, and rights-of-way.

28.04 Access by Third Parties. Information reflecting the assignment of pole attachment and conduit occupancy space to Applicant may be made available to personnel of third parties seeking access to SWBT's records under provisions, and subject to protections, equivalent to those contained and required by Section 7.03 of this Agreement.

28.05 Defense of Claims. In the event of a dispute between SWBT and any person or entity, including Applicant, concerning SWBT's performance of this Agreement, satisfaction of obligations under similar agreements with third parties, compliance with

the Pole Attachment Act, compliance with the Telecommunications Act of 1996, or compliance with other federal, state, or local laws, regulations, commission orders, and the like, SWBT may utilize confidential or proprietary information submitted by Applicant in connection with this Agreement as may be reasonable or necessary to demonstrate compliance, protect itself from allegations of wrongdoing, or comply with subpoenas, court orders, or reasonable discovery requests; provided, however, that SWBT shall not disclose Applicant's proprietary or confidential information without first, at SWBT's option: (a) obtaining an agreed protective order or nondisclosure agreement that preserves the confidential and proprietary nature of Applicant's information; (b) seeking such a protective order as provided by law if no agreed protective order or nondisclosure agreement can be obtained; or (c) providing Applicant notice of the subpoena, demand, or order and an opportunity to take affirmative steps of its own to protect such proprietary or confidential information.

28.06 Response to Subpoenas, Court Orders, and Agency Orders. Nothing contained in this article shall be construed as precluding SWBT from complying with any subpoena, civil or criminal investigative demand, or other order issued or entered by a court or agency of competent jurisdiction; provided, however, that SWBT shall not disclose Applicant's proprietary or confidential information without first, at SWBT's option: (a) obtaining an agreed protective order or nondisclosure agreement that preserves the confidential and proprietary nature of Applicant's information; (b) seeking such a protective order as provided by law if no agreed protective order or nondisclosure agreement can be obtained; or (c) providing Applicant notice of the subpoena, demand, or order and an opportunity to take affirmative steps of its own to protect such proprietary or confidential information.

28.07 Other Uses of Confidential Information. No other uses of confidential information received from Applicant pursuant to this Agreement are authorized or permitted without Applicant's express written consent.

ARTICLE 29: NOTICES

29.01 Notices to Applicant. Except as otherwise provided in APPENDIX VI ("Notices to Applicant"), all written notices required to be given to Applicant shall be delivered or mailed to Applicant's duly authorized agent or attorney, as designated in this section.

(a) Such notice may be delivered to Applicant's duly authorized agent or attorney in person or by agent or courier receipted delivery.

(b) Such notice may be mailed to Applicant's duly authorized agent or attorney by registered or certified mail, return receipt requested. When notice is given by mail, such notice shall be complete upon deposit of

the notice, enclosed in a postpaid, properly addressed wrapper, in a post office or official depository under the care and control of the United States Postal Service and shall be deemed to have been given three days after the date of deposit.

(c) Applicant may authorize delivery of the notice by telephonic document transfer to the Applicant's duly authorized agent or attorney. Notice by telephonic document transfer after 5:00 p.m. local time of the recipient shall be deemed given on the following day.

(d) Notices to Applicant shall be sent to the authorized agent or attorney designated below:

Name: Susan McAdams

Title: Vice President Government & Industry Affairs

Firm: New Edge Network, Inc. d/b/a New Edge Networks

Address: 3000 Columbia House Blvd., Suite 106

City/State/Zip: Vancouver, WA 98661

29.02 Notices to SWBT. Except as otherwise provided in APPENDIX VII ("Notices to SWBT"), all written notices required to be given to SWBT shall be delivered or mailed to SWBT's duly authorized agent or attorney, as designated in this section.

(a) Such notice may be delivered to SWBT's duly authorized agent or attorney in person or by agent or courier receipted delivery.

(b) Such notice may be mailed to SWBT's duly authorized agent or attorney by registered or certified mail, return receipt requested. When notice is given by mail, such notice shall be complete upon deposit of the notice, enclosed in a postpaid, properly addressed wrapper, in a post office or official depository under the care and control of the United States Postal Service and shall be deemed to have been given three days after the date of deposit.

(c) SWBT may authorize delivery of the notice by telephonic document transfer to SWBT's duly authorized agent or attorney. Notice by telephonic document transfer after 5:00 p.m. local time of the recipient shall be deemed given on the following day.

(d) On the effective date of this Agreement, and until further notice to Applicant, SWBT's duly authorized agent shall be the Utility Liaison Supervisor ("ULS") designated in APPENDIX VIII.

29.03 Changes in Notice Requirements. Either party may, from time to time, change notice addressees and addresses by giving written notice of such change to the other party. Such notice shall state, at a minimum, the name, title, firm, and full address of the new addressee.

ARTICLE 30: DISPUTE RESOLUTION

30.01 Purpose. The provisions of this article are intended to minimize litigation between the parties with respect to disputes arising in connection with this Agreement and shall be construed accordingly. Any dispute between the parties arising under this Agreement may be submitted by either party for resolution under this article.

30.02 Exclusive Remedy for Monetary Claims under $25,000. Except for actions seeking injunctive relief related to the purposes of this Agreement or suits to compel compliance with the dispute resolution processes set forth in this article, the parties agree to use the dispute resolution processes set forth in this Agreement as their sole remedy with respect to any monetary claim of $25,000 or less which arises out of or in connection with this Agreement.

30.03 Prerequisite to Litigation. The provisions of this article shall also apply to all disputes, without regard to the amount in controversy, in which Applicant contests charges billed by SWBT to Applicant under the terms of this Agreement. No suit, except for actions seeking injunctive relief related to the purposes of this Agreement or suits to compel compliance with the dispute resolution processes set forth in this article, shall be filed by either party against the other with respect to such contested charges until the parties have engaged in good faith negotiations as provided in Section 30.04, and, if the parties agree, in mediation under Section 30.05.

30.04 Good Faith Negotiation. Good faith negotiation as provided in this section shall be the first step in the dispute resolution process.

(a) With respect to any dispute subject to the provisions of this article, either party may initiate negotiation proceedings by writing a certified or registered letter to the other party setting forth the particulars of the dispute, the terms of the Agreement that are involved, and a suggested resolution of the problem.

(b) The recipient of the letter shall respond within 21 days to the proposed solution. The recipient shall either agree to the proposed solution or explain its disagreement.

(c) If the correspondence does not resolve the dispute, each party, at the request of either party, will appoint a knowledgeable, responsible representative to meet and negotiate in good faith to resolve the dispute. The location, form, frequency, duration, and conclusion of these discussions shall be left to the discretion of the representatives. Upon agreement, the representatives may utilize other alternative dispute resolution procedures such as mediation to assist in the negotiations.

(d) Discussions and correspondence among the representatives as provided by this section are for purposes of settlement, are exempt from discovery and production, and shall not be admissible in arbitration, judicial, regulatory, or other proceedings in any forum.

30.05 Mediation. If the parties agree to mediation, the mediation may be conducted as provided in this section or in such other manner as may be mutually agreeable to the parties.

(a) If agreed to by the parties, the dispute shall be referred to the nearest office of the American Arbitration Association, or such other mediator as may be selected by agreement of the parties, for mediation, that is, an informal, non-binding conference or conferences between the parties in which a mediator will seek to guide the parties to a resolution of the dispute.

(b) If the dispute is referred to the American Arbitration Association, the parties are free to select any mutually acceptable panel member from the list of mediators at the American Arbitration Association. If the parties cannot agree or have no particular choice of a mediator and simply request that the American Arbitration Association assign a mediator to the dispute, then a list and resumes of available mediators, numbering one more than there are parties, will be sent to the parties, each of whom may strike one name leaving the remaining name as the mediator. If more than one name remains, the designated mediator shall be selected by the Administrator of the American Arbitration Association from the remaining names.

(c) Mediation sessions shall be private.

(d) All records, reports or other documents considered by the mediator shall be confidential.

(e) The parties agree that the mediator shall not be compelled to divulge confidential materials or to testify about the mediation in arbitration, regulatory, judicial, or other proceedings in any forum.

(f) The parties agree to maintain the confidentiality of the mediation and shall not rely on, or introduce as evidence in any arbitration, judicial, or other proceeding:

(1) views expressed or suggestions made by the other party with respect to a possible settlement of the dispute;

(2) admissions made by the other party during the mediation proceedings;

(3) proposals made or views expressed by the mediator; or

(4) the fact that the other party had or had not indicated willingness to accept a proposal for settlement made by the mediator.

(g) Subsections (e) and (f) of this section shall apply to anything said, done or occurring in the course of the mediation, including any private caucus or discussions between the mediator and any party or counsel before or after the joint mediation session. There shall be no stenographic record of the mediation process, except to memorialize a settlement record.

(h) The mediation process shall be considered settlement negotiation for the purpose of all state and federal rules protecting disclosures made during such conferences from later discovery or use in evidence. All conduct, statements, promises, offers, views, and opinions, oral or written, made during the mediation by any party or a party's agent, employee, or attorney are confidential and, where appropriate, are to be considered work product and privileged. Such conduct, statements, promises, offers, views, and opinions shall not be subject to discovery or admissible for any purpose, including impeachment, in any litigation or other proceeding involving the parties; provided, however, that evidence otherwise subject to discovery or admissible is not excluded from discovery or admission in evidence simply as a result of its having been used in connection with this settlement process.

30.06 Arbitration. If negotiations and mediations do not resolve the dispute within 90 days after the initiation of dispute resolution proceedings as provided in subsection (a) of Section 30.04 of this Agreement, the dispute shall be submitted to binding arbitration by a single arbitrator pursuant to the Commercial Arbitration Rules of the American Arbitration Association if the dispute involves any monetary claim of $25,000 or less which arises out of or in connection with this Agreement. The parties may voluntarily elect to arbitrate disputes in which the amount in controversy exceeds $25,000, but they shall not be required by this Agreement to do so.

(a) Either party may demand such arbitration in accordance with the procedures set out in the Commercial Arbitration Rules.

(b) Discovery shall be controlled by the arbitrator and shall be permitted to the extent set out in this subsection.

(1) Each party may submit in writing to any other party, and such other party shall so respond, to a maximum of any combination of 35 of the following: interrogatories, document production requests, and requests for admissions. The interrogatories, document production requests, and requests for admissions shall not have subparts.

(2) Additional discovery may be permitted upon mutual agreement of the parties or upon order of the arbitrator on a showing of good cause.

(c) The arbitrator shall control the scheduling so as to process the matter expeditiously. The times set forth in this subsection shall apply unless extended upon mutual agreement of the parties or by the arbitrator on a showing of good cause.

(1) The arbitration hearing shall commence within 60 days of the demand for arbitration and shall be held, in the absence of agreement by the parties to a different venue, in Little Rock, Arkansas.

(2) The parties shall submit written briefs five days before the hearing.

(3) The arbitrator shall rule on the dispute by issuing a written opinion within 30 days after the close of hearings.

(4) The arbitrator shall have no authority to order punitive or consequential damages.

(5) Judgment upon the award rendered by the arbitrator may be entered in any court of competent jurisdiction.

30.07 Costs. Except as specifically provided in this section, each party shall bear its own costs of all dispute resolution procedures under this article.

(a) A party seeking discovery shall reimburse the responding party for the costs incurred by the responding party in producing documents.

(b) The parties shall equally split the fees of the arbitration and the arbitrator.

30.08 No Abridgment of Rights under the Communications Act of 1934 or the Pole Attachment Act. Nothing contained in this article shall abridge the rights of either party to seek relief from the FCC with respect to any dispute subject to the jurisdiction of the FCC under the Communications Act of 1934 or the Pole Attachment Act, or from the State Commission with respect to any dispute subject to its jurisdiction, except that the parties may not seek relief from the FCC or the State Commission with respect to any dispute that has already been resolved by mediation under Section 30.05 or by binding arbitration under Section 30.06.

ARTICLE 31: ACCESS TO APPLICANT'S POLES, DUCTS, CONDUITS, AND RIGHTS-OF-WAY

31.01 No Reciprocal Access to Applicant's Facilities. This Agreement does not include provisions for reciprocal access by SWBT to Applicant's poles, ducts, conduits, and rights-of-way.

ARTICLE 32: GENERAL PROVISIONS

32.01 Entire Agreement. This Agreement, together with the interconnection agreement, if any, to which this Agreement is an appendix, attachment, or exhibit, sets forth the entire understanding and agreement of the parties.

32.02 Prior Agreements Superseded. This Agreement supersedes all prior agreements and understandings, whether written or oral, between Applicant and SWBT relating to the placement and maintenance of Applicant's facilities on and within SWBT's poles, ducts, and conduits within this State.

32.03 Amendments Shall Be in Writing. Except as otherwise specifically provided to the contrary by other provisions of this Agreement, the terms and conditions of this Agreement shall not be amended, changed or altered except in writing and with approval by authorized representatives of both parties.

32.04 Survival of Obligations. Any liabilities or obligations of either party for acts or omissions prior to the termination of this Agreement, any obligations of either party under provisions of this Agreement relating to confidential and proprietary information, indemnification, limitations of liability, and any other provisions of this Agreement which, by their terms, are contemplated to survive (or be performed after) termination of this Agreement, will survive the termination of this Agreement.

32.05 Multiple Counterparts. This Agreement may be executed in multiple counterparts.

32.06 Effect on Licenses Issued Under Prior Agreements. All currently effective pole attachment and conduit occupancy licenses granted to Applicant shall, on the effective date of this Agreement, be subject to the rates, terms, conditions, and procedures set forth in this Agreement.

32.07 Force Majeure. Except as otherwise specifically provided in this Agreement, neither party will be liable for any delay or failure in performance of any part of this Agreement caused by a Force Majeure condition, including acts of the United States of America or any state, territory, or political subdivision thereof, acts of God or a public enemy, fires, floods, disputes, freight embargoes, earthquakes, volcanic actions, wars, civil disturbances, cable cuts, or other causes beyond the reasonable control of the party claiming excusable delay or other failure to perform; provided, however, that Force Majeure will not include acts of any governmental authority relating to environmental, health, or safety conditions at work locations. If any Force Majeure condition occurs, the party whose performance fails or is delayed because of such Force Majeure condition will give prompt notice to the other party, and, upon cessation of such Force Majeure condition, will give like notice and commence performance hereunder as promptly as reasonably practicable.

32.08 Severability. If any article, section, subsection, or other provision or portion of this Agreement is or becomes invalid under any applicable statute or rule of law, and such invalidity does not materially alter the essence of this Agreement as to either party, the invalidity of such provision shall not render this entire Agreement unenforceable and this Agreement shall be administered as if it did not contain the invalid provision.

32.09 Choice of Law. Except to the extent that federal law controls any aspect of this Agreement, the validity of this Agreement, the construction and enforcement of its terms, and the interpretation of the rights and duties of the parties will be governed by the laws of this State, applied without regard to the provisions of this State's laws relating to conflicts-of-laws.

32.10 Changes in the Law. Because the primary purpose of this Agreement is to provide access to poles, ducts, conduits, and rights-of-way in accordance with the Pole

Attachment Act, as amended by the Telecommunications Act of 1996 and subsequent amendments, the parties contemplate that changes in this Agreement may from time to time be necessary or desirable to conform to changes in the Pole Attachment Act as that Act is amended, interpreted, and applied. This Agreement is based in large part on regulatory decisions by the FCC, which has jurisdiction over the rates, terms, and conditions of access to poles, ducts, conduits, and rights-of-way (except to the extent that such jurisdiction has been pre-empted by individual states) and decisions by the State Commission. More specifically, this Agreement is based in large part on the FCC's First Interconnection Order in CC Docket No. 96-98, on FCC rules announced with the First Interconnection Order, and on Arbitration Orders by the State Commission.

[ ] Applicant desires to have access to SWBT's poles, ducts, conduits, and rights-of-way on terms that are not less favorable than those obtained by firms participating in interconnection arbitration proceedings before the State Commission. Applicant also desires to have access to SWBT's poles, ducts, conduits, and rights-of-way to the full extent permitted under the FCC's First Interconnection Order in CC Docket No. 96-98. SWBT is entering into this Agreement for the purpose of providing nondiscriminatory access in compliance with the Pole Attachment Act and regulatory decisions thereunder, including decisions by the State Commission in interconnection arbitration proceedings in which Applicant is not a party. Each party is entering into this Agreement based on current interpretations of the law by the FCC and State Commission. In the event of any changes in the Pole Attachment Act, changes in applicable FCC or State Commission rulings, or judicial determinations that such rulings are erroneous or invalid, each party shall, at the request of the other, engage in good faith negotiations to supplement, amend or replace any provisions of this Agreement affected by such changes or determinations and to conform this Agreement to changes in the underlying laws on which the Agreement is based.

[ ] This Agreement has been entered into as a result of private negotiation between the parties and arbitration by the State Commission, acting pursuant to the Telecommunications Act of 1996. If the actions of any legislative bodies, courts, or regulatory agencies of competent jurisdiction invalidate, modify, or stay the enforcement of laws, rules, regulations, or commission orders that were the basis for a provision of this Agreement (including but not limited to any provision of this Agreement required by any arbitration award approved by the State Commission), the affected provision shall be invalidated, modified, or stayed as required by action of the legislative body, court, or regulatory agency. In the event of such a

change in the law, each party shall expend diligent efforts to arrive at an agreement respecting the modifications to the Agreement required by the law or requested in good faith by the other party. If negotiations fail, disputes between the parties concerning interpretation of the actions required or provisions affected by such governmental actions shall be resolved pursuant to the dispute resolution process provided for in the interconnection agreement or this Agreement; provided, however, that this section shall not be construed as precluding either party from seeking appropriate relief from the FCC in connection with the parties' rights and obligations under the Pole Attachment Act. In the event of any material change in the law, each party agrees to enter into good faith negotiations to conform this Agreement to the changes in the law.

ARTICLE 33: APPLICABILITY OF OTHER RATES, TERMS AND CONDITIONS

33.1 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.

THIS AGREEMENT CONTAINS A BINDING ARBITRATION PROVISION WHICH MAY BE ENFORCED BY THE PARTIES.

SOUTHWESTERN BELL TELEPHONE COMPANY

By: _____
Signature of SWBT's Authorized Officer/Employee

_____
Name of SWBT's Authorized Officer/Employee (Printed or Typed)

_____
Position/Title of SWBT's Authorized Officer/Employee

_____
Date

_____
City and State of Execution by SWBT

NEW EDGE NETWORK, INC. D/B/A NEW EDGE NETWORKS
Applicant's Name (Printed or Typed)

By: _____
Signature of Applicant's Authorized Officer/Employee

_____
Name of Authorized Officer/Employee (Printed or Typed)

_____
Position/Title of Authorized Officer/Employee

_____
Date

_____
City and State of Execution by Applicant

APPENDIX I
SCHEDULE OF FEES AND CHARGES (ARKANSAS)

This Appendix is an integral part of the Master Agreement for Access to Poles, Ducts, Conduits, and Rights-of-Way to which it is attached and sets forth the rates, fees and charges to be paid by Applicant to SWBT pursuant to the Master Agreement and licenses subject to the Master Agreement. The rates, fees, and charges set forth in this Appendix shall be subject to all applicable laws, rules, regulations, and commission orders as provided in Section 19.01 of the Master Agreement and shall be subject to revision as provided in Section 19.12 of the Master Agreement.

A) Pole Attachment Fees

1) General

a) For billing purposes, pole attachments shall be considered i) to have commenced on the first to occur of the following dates: the date of assignment (or provisional assignment) of pole attachment space, the date a license for such pole attachment is issued, or the date of actual attachment and ii) to have ended on the last to occur of the following dates: the date Applicant's assignment lapses or is relinquished, the date notice is given (under Section 18.06 of the Master Agreement) that Applicant has removed the attached facilities from SWBT's pole, or the date of termination of Applicant's license.

b) Fees shall be payable semiannually in advance on the first days of January and July and shall be prorated on a daily basis as provided in Section 19.04. Fees for pole attachments shall be based on the number of pole attachments as of the date of billing. If Applicant occupies more than one usable space on a pole, separate attachment fees shall apply to each space occupied. For billing purposes, a single pole attachment includes the point of attachment and all facilities located in the usable space on the pole in the space assigned to Applicant (typically six inches above and six inches below the point of attachment), together with routine ancillary apparatus such as anchors, anchor/guy strands, drive rings, J-hooks, dead-end clamps, and other apparatus which does not interfere with the ability of SWBT to occupy or assign usable space on the pole other than the usable space licensed to Applicant. Fees for pole space assignments and unauthorized pole attachments shall be billed in the same manner as if a license had been issued.

2) Fees (1999 Rates)

Semiannual Pole Attachment Fees	Annual	Semiannual
Per pole attachment (cable service only)	$ 2.35	$ 1.175
Per pole attachment (telecommunications carriers)	$ 2.35	$ 1.175
Per pole attachment (other)	$ N/A	$ N/A

B) Conduit Occupancy Fees

1) General

a) For billing purposes, conduit occupancy shall be considered to have i) begun on the first to occur of the following dates: the date of assignment (or provisional assignment) of conduit occupancy space, the date a license for such conduit occupancy is issued, or the date of actual occupancy; and ii) ended on the last to occur of the following dates: the date Applicant's assignment lapses or is relinquished, the date notice is given (under Section 18.06 of the Master Agreement) that Applicant has removed the attached facilities from SWBT's conduit, or the date of termination of Applicant's license. Occupancy ends only when facilities have been removed from SWBT's conduit system and required post-removal procedures (e.g., plugging ducts) have been completed. Fees for conduit space assignments and unauthorized conduit occupancy shall be billed in the same manner as if a license had been issued.

b) Fees shall be payable semiannually in advance on the first days of January and July.

(2) Fees (1999 Rates)

Semiannual Per Foot Conduit Occupancy Fees	Annual	Semiannual
Full duct/duct foot (cable service only)	$ 0.67/ft	$ 0.335/ft
Full duct/duct foot (telecommunications carriers)	$ 0.67/ft	$ 0.335/ft
Full duct/duct foot (other)	$ N/A	$ N/A
Half duct/duct foot (cable service only)*	$ 0.335/ft	$ 0.1675/ft
Half duct/duct foot (telecommunications carriers)*	$ 0.335/ft	$ 0.1675/ft
Half duct/duct foot (other)*	$ N/A	$ N/A

*Each inner duct is billed at the half duct rate.

a) Facility footage shall be measured i) from the center of one manhole to the center of an adjacent manhole if the facility runs between two manholes, ii) from the center of a manhole to the end of a duct not terminated in a manhole, or iii) from the center of a manhole to the property line if the duct is connected at the property line to a duct owned and controlled by a third-party property owner.

b) Semiannual full duct conduit occupancy fees will apply to the first facility placed in a previously unoccupied duct except as provided in c)-d) below.

c) If two or more facilities occupy a duct that has not been subdivided by inner duct, a semiannual half duct conduit occupancy fee will be charged for each facility placed in the duct.

d) A semiannual half duct occupancy fee will apply to the first facility placed by Applicant in a previously unoccupied duct that has not been subdivided by inner duct if and only if the presence of Applicant's facility does not render the other half of the duct unusable by others.

e) When Applicant's facilities are installed within inner duct, a single semiannual one-half duct conduit occupancy fee will apply to each inner duct occupied.

C) Application Fees. No application fees shall be charged for the submission of access applications or provisional space assignments. Charges for processing applications are set forth below.

D) Pre-license Survey Work. Charges for pre-license survey work are not set on a fixed fee basis and will be determined on a case-by-case basis. If pre-license survey work is performed by SWBT's contractors, Applicant shall reimburse SWBT for the actual out-of-pocket costs incurred by SWBT for such work (plus the applicable additive, if any, to compensate SWBT for administrative costs). If pre-license survey work is performed by SWBT employees, pre-license survey charges shall be computed by multiplying the applicable hourly rates times the number of hours reasonably spent by SWBT's employees on pre-license survey work.

E) Facilities Modification, Capacity Expansion, and Make-ready Work. Charges for facilities modification, capacity expansion, and make-ready work are not set on a fixed fee basis and will be determined on a case-by-case basis. If such work is performed by SWBT's contractors, Applicant shall reimburse SWBT for the actual out-of-pocket costs incurred by SWBT for such work (plus the applicable additive, if any, to compensate SWBT for administrative costs). If such work is performed by SWBT employees, charges for such work shall be computed by multiplying the applicable hourly rates times the number of hours reasonably spent by SWBT's employees on the work. In all cases, except as otherwise specifically provided to the contrary in the Master Agreement, such charges shall include the costs of materials required to perform the work. o later than 45 days after receipt by SWBT of Applicant's completed application, or within such other period as may be mutually agreed upon in writing by the parties, SWBT will furnish Applicant an

estimate of the charges for facilities modification, capacity expansion, and make-ready work. Except as otherwise specifically provided in other parts of the Master Agreement, Applicant will pay (1) half of SWBT's charges for the project at 50 percent job completion and the remainder at 100 percent completion and (2) if outside contractors are involved, half of the total compensation to be paid to outside contractors at 50 percent job completion and the remainder of SWBT's total charges at 100 percent completion. SWBT may, at its election, require Applicant to pay SWBT's out-of-pocket costs for materials as those costs are incurred and may require Applicant to pay outside contractor costs on the same schedule SWBT pays such outside contractors; provided, however, that this provision shall be subject to applicable rulings, if any, of the State Commission. Bills and invoices submitted by SWBT to Applicant for make-ready charges shall be due and payable 30 days after the date of the bill or invoice.

F) Construction Inspectors. Subject to all applicable commission orders, where work is being performed on Applicant's behalf in SWBT's manholes or other portions of SWBT's conduit system, Applicant shall pay SWBT's full costs attributable to having a construction inspector present; provided, however, that SWBT shall not charge Applicant for more than one such construction inspector per site at any given time. If the construction inspector is a SWBT contractor, Applicant shall reimburse SWBT for the actual out-of-pocket costs(without additives for administrative costs) incurred by SWBT in connection with the presence of such inspector. If the construction inspector is a SWBT employee, charges for the construction inspector shall be computed by multiplying the applicable hourly rate times the number of hours reasonably spent by the employee as a construction inspector in connection with the project.

G) Other Work Performed Pursuant to the Master Agreement. For all other work performed by SWBT's contractors pursuant to the Master Agreement, including but not limited to work performed in opening manholes and participating in work operations at Applicant's request, Applicant shall reimburse SWBT for the actual out-of-pocket costs incurred by SWBT in connection with the performance of such work (plus the applicable additive, if any, to compensate SWBT for administrative costs). For all other work performed by SWBT's employees pursuant to the Master Agreement, including but not limited to work performed in opening manholes, providing access to and copies of records, and participating in work operations at Applicant's request, SWBT's charges shall be computed by multiplying the applicable hourly rates times the number of hours reasonably spent by SWBT's employees on such work.

H) Contract Administration Fee and Administrative Record-keeping Fees. Subject to applicable commission orders, a one time contract administration fee of $250.00 shall be due and payable at the time of the execution of the Master Agreement. Subject to applicable commission orders, SWBT may charge administrative record-keeping fees not exceeding $125.00 in connection with records and billing changes resulting from the sale, consolidation, or other transfer of Applicant's business or facilities, name changes, and the

like. SWBT shall provide Applicant, on Applicant's request, a statement of the basis for the fees.

I) Other Administrative and Ancillary Fees. No other administrative or ancillary fees are charged by SWBT on a fixed fee basis.

J) Hourly Rates. Except as otherwise provided by any applicable law, rule, regulation, or commission order, hourly rates charged for SWBT employees shall be such employees' fully loaded hourly rates.

K) Payment Date. For fees and charges other than charges for facilities modification, capacity expansion, and make-ready work, each bill or invoice submitted by SWBT to Applicant shall state the date that payment is due, which date shall be not less than 60 days after the date of the bill or invoice. For facilities modification, capacity expansion, and make-ready work, the payment due date shall be not less than 30 days after the date of the bill or invoice. Interest on past due charges shall accrue as provided in Section 19.11(a) of the Master Agreement.

Agreement No. _____

APPENDIX II
IDENTIFICATION OF APPLICANT (ARKANSAS)

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

Applicant's legal name is: New Edge Network, Inc. d/b/a New Edge Networks

_____.

Applicant's principal place of business is located in the State of Washington .

Applicant does business under the following assumed names: _____

_____

_____.

Applicant is:

[ ] a corporation organized under the laws of the State of _____, charter no. _____;

[ ] a partnership organized under the laws of the State of _____; or

[ ] another entity, as follows: _____

_____.

Applicant represents that Applicant is:

[ ] (1) a cable system (as defined in 47 U.S.C. §§ 153(37) and 522(7)) seeking a pole attachment or conduit occupancy license solely to provide cable service (as defined in 47 U.S.C. § 522(6);

[ ] (2) a telecommunications carrier, as defined in 47 U.S.C. § 153(49), as modified by 47 U.S.C. § 224; or

[ ] (3) a person or entity which is neither (1) nor (2) above, as follows:

_____

_____.

Agreement No. _____

APPENDIX III
ADMINISTRATIVE FORMS AND NOTICES (ARKANSAS)

This Appendix is an integral part of the Master Agreement for Access to Poles, Ducts, Conduits, and Rights-of-Way to which it is attached and contains administrative forms referred to in the Master Agreement or used in connection with the provision of access to SWBT's poles, ducts, conduits, and rights-of-way. The forms are forms presently in use and have not been fully conformed to the Master Agreement. The forms may be further revised by SWBT to conform to the Master Agreement and revised from time to time to reflect changes in the applicable law, changes in the Master Agreement, and changes in the procedures through which access to poles, ducts, conduits, and rights-of-way is afforded by SWBT to Applicant and others.

SW-9433: Pole Attachments

SW-9434: Access Application and Make-Ready Authorization

SW-9435: Conduit Occupancy

SW-9436A: Notification of Surrender or Modification of Pole Attachment License by Licensee

SW-9436B: Notification of Surrender or Modification of Conduit Occupancy License by Applicant

SW-9436C: Notification of Unauthorized Attachments by Applicant

Agreement No. _____

APPENDIX IV
INSURANCE REQUIREMENTS (ARKANSAS)

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

1) Premises. As used in this Appendix, the term "premises" refers to any site located on, within, or in the vicinity of SWBT's poles, ducts, conduits, or rights-of-way and any location where Applicant or any person acting on Applicant's behalf may be physically present while traveling to or departing from any such site.

2) Requirements Applicable to Applicant and All Persons and Entities Acting on Applicant's Behalf. Applicant shall maintain, at all times during the term of the Master Agreement, all insurance and coverages set forth below. Such insurance and coverages shall not only cover Applicant but all contractors, subcontractors, and other persons or entities acting on Applicant's behalf at the premises described in 1) above. Applicant should require that all contractors, subcontractors, and other persons or entities acting on Applicant's behalf at premises described in 1) above obtain the same insurance and coverages.

3) Workers' Compensation Insurance. Applicant shall maintain, at all times during the term of the Master Agreement, Workers' Compensation Insurance and Employer's Liability Insurance with minimum limits of $100,000 for bodily injury-each accident, $100,000 for bodily injury by disease-each employee, and $500,000 for bodily injury by disease-policy limits, for all employees performing work or otherwise present on the premises described in 1) above. Such insurance must comply with the Workers' Compensation laws of this State and shall provide coverage, at a minimum, for all benefits required by such Worker's Compensation laws. Applicant shall require any contractor, subcontractor, or other person or entity acting on Applicant's behalf to provide Workers' Compensation Insurance and Employer's Liability Insurance for their respective employees unless such employees are covered by the protection afforded by Applicant.

4) General Liability Insurance. To protect SWBT and any joint user from any liability for bodily injury or property damage, Applicant shall maintain, at all times during the term of the Master Agreement, General Liability insurance satisfactory to SWBT. SWBT shall be added as an additional insured in the standard policy or an endorsement thereto. Applicant shall also require any contractor, subcontractor, or other person or entity acting on Applicant's behalf to provide General Liability coverage with the same limits and with SWBT added as an additional insured unless such contractor, subcontractor, or other person or entity is covered by the General Liability protection afforded by Applicant.

a) The following coverages must be included in (and may not be excluded from) the policy or policies obtained to satisfy the General Liability insurance requirements of Applicant and any contractor, subcontractor, or other person or entity acting on Applicant's behalf. The coverages may be provided by the standard policy or endorsements thereto. Exclusion endorsements deleting these coverages will not be accepted.

1) Personal Injury and Advertising Injury coverage.

2) Premises/Operations coverage, including also coverage for any newly acquired ownership or controlled premises or operations.

3) Independent Contractors coverage to provide protection for Applicant's contractors, subcontractors, and other persons or entities acting on Applicant's behalf.

4) Explosion, Collapse, and Underground Hazard (XCU) coverage.

5) Completed Operations coverage providing for bodily injury and property damage liabilities which may occur once the operations have been completed or abandoned.

6) Contractual Liability coverage to provide financial responsibility for the Applicant to meet its indemnification obligations.

7) Broad Form Property Damage (BFPD) coverage for damage to property in the care or custody of Applicant and damage to work performed by or on behalf of the Applicant.

b) Minimum policy limits shall be as follows:

General Aggregate Limit: $1,000,000.

Sublimit for all bodily injury, property damages, or medical expenses incurred in any one occurrence: $1,000,000.

Sublimit for personal injury and advertising: $1,000,000.

Products/Operations Aggregate Limit: $1,000,000.

Each occurrence sublimit for Products/Operations: $1,000,000.

c) No coverage shall be deleted from the standard policy without notification of individual exclusions being attached for review and acceptance.

d) Policy language or endorsements adding SWBT as an additional insured shall not include exclusions or exceptions which defeat the purpose of protecting SWBT from any liability for bodily injury or property damage arising out of

Applicant's operations.

5) Automobile Liability insurance. The parties contemplate that Applicant and personnel acting on Applicant's behalf will utilize automobiles, trucks, and other motor vehicles on public and private property, including public rights of way, in the vicinity of SWBT's poles, ducts, conduits, and rights-of-way. Accordingly, Applicant shall maintain, at all times during the term of the Master Agreement, Automobile Liability insurance with minimum limits of $1,000,000 combined single limits per occurrence for bodily injury and property damage which may arise out of the operation or use of motor vehicles of any type. Coverage shall extend to "any auto" -- that is, coverage shall be extended to all owned, non-owned, and hired vehicles used by Applicant or by any person or entity acting on Applicant's behalf in connection with any work performed, or to be performed, on, within, or in the vicinity of SWBT's poles, ducts, conduits, or rights-of-way.

6) Layering of General Liability and Automobile Liability coverages. Applicant's insurance may be written via a primary policy with either an excess or umbrella form over the primary policy. If coverage is written in this manner, the total of the combined policy limits must meet or exceed the minimum limits specified in the Master Agreement.

7) Deductibles. No deductibles shall be allowed without the express written consent of SWBT.

8) Claims Made Policies. Claims Made Policies will not be accepted.

9) Proof of Insurance. Certificates of Insurance stating the types of insurance and policy limits provided the insured, or other proof of insurance satisfactory to SWBT, must be received by SWBT prior to the issuance of any licenses pursuant to the Master Agreement and before Applicant or any person acting on Applicant's behalf performs any work on the premises described in 1) above.

a) Certificates of Insurance using the insurance industry standard ACORD form are preferred.

b) Certificates provided with respect to General Liability policies and certificates provided with respect to Automobile Liability policies shall indicate SWBT as an Additional Insured.

c) Deductibles, if permitted, shall be listed on the Certificate of Insurance.

d) The cancellation clause on the certificate of insurance shall be amended to read as follows:

> "SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED OR MATERIALLY CHANGED BEFORE THE EXPIRATION DATE, THE ISSUING COMPANY WILL MAIL 30 DAYS WRITTEN NOTICE TO THE CERTIFICATE HOLDER NAMED TO THE LEFT."

A certificate which does not include the phrase "or materially changed" does

not meet SWBT's requirements. A certificate reciting that the issuing company will "endeavor to" mail 30 days written notice to the certificate holder does not meet SWBT's requirements. The language "but failure to mail such notice shall impose no obligation or liability of any kind upon the company, its agents, or representatives" or similar language must be deleted from the certificate.

e) The certificate holder shall be:

Southwestern Bell Telephone Company
1111 W. Capitol, Room 525
Little Rock, Arkansas 72201
ATTENTION: Utility Liaison Supervisor

f) Failure to object to any coverage described in a certificate shall not constitute written permission from SWBT to any variance from or alteration of any requirement set forth in this Appendix and shall not be construed as a waiver by SWBT of any rights under the Master Agreement.

10) Rating of Insurers. SWBT requires that companies affording insurance coverage have a B+VII or better rating, as rated in the current A.M. Best Key Rating Guide for Property and Casualty Insurance Companies.

11) Self-insurance. If authorized in the Master Agreement, self-insurance shall be allowed in lieu of the above requirements upon Applicant's submission of proof that it has met the self-insurance requirements stated in the Master Agreement.

Agreement No. _____

APPENDIX V
NONDISCLOSURE AGREEMENT (ARKANSAS)

Nondisclosure Agreement (SWBT Pole, Duct, Conduit, and Right-of-Way)

This Nondisclosure Agreement, effective as of the ___ day of _____, 2000, has been entered into by and between Southwestern Bell Telephone Company ("SWBT"), a Missouri corporation, and the undersigned person or firm ("Recipient") as a condition of access to certain records and information maintained by SWBT. The parties stipulate and agree as follows:

1) SWBT maintains records and information, including but not limited to outside plant engineering and construction records, which relate to poles, ducts, conduits, and rights-of-way which SWBT owns or controls. SWBT represents that such records and information are not made generally available for inspection or copying by the public and include business, economic, and engineering information (including but not limited to plans, designs, maps, diagrams, cable counts and cable-specific information, circuit records, and other competitively sensitive information) which SWBT intends to keep secret and which has economic value by virtue of not being generally known to or readily ascertainable by the public, including SWBT's competitors.

2) SWBT has agreed to make certain of its records and information relating to poles, ducts, conduits, and rights-of-way available to cable television systems and telecommunications carriers who are presently entitled under federal law to have access to the poles, ducts, conduits, and rights-of-way owned or controlled by SWBT.

3) Recipient represents that Recipient is a cable television system or telecommunications carrier entitled under federal law to access to poles, ducts, conduits, and rights-of-way owned or controlled by SWBT, or, if an individual, that he or she is acting on behalf of New Edge Network, Inc. d/b/a New Edge Networks, which is such a cable television system or telecommunications carrier. Recipient further represents that Recipient is seeking access to SWBT's records and information relating to poles, ducts, conduits, and rights-of-way for the limited purpose of enabling engineering and construction personnel employed by or acting on behalf of such cable television system or telecommunications carrier to make engineering and construction decisions necessary to utilize SWBT's poles, ducts, conduits, and rights-of-way.

4) SWBT agrees that permitted uses of records and information concerning SWBT's poles, ducts, conduits, and rights-of-way are (a) determining which poles, ducts, conduits, and rights-of-way owned or controlled by SWBT are available for use by such cable television systems or telecommunications carriers as permitted by federal law, (b) designing,

engineering, constructing, installing, maintaining, and removing equipment which is to be attached to or placed within such poles, ducts, conduits, and rights-of-way, and (c) contesting decisions, if any, by SWBT not to provide access to such poles, ducts, conduits, and rights-of-way as requested. No other uses of such records or information are authorized or permitted under this Agreement.

5) Recipient agrees that Recipient will not use, or permit any other person or entity to use or have access to SWBT's records and information relating to poles, ducts, conduits, or rights-of-way or information for any purpose other than the limited purposes stated in 4) above and that such records and information shall not be disclosed or shared with any person or persons other than those who have a need to know such information for such limited purposes. Recipient specifically agrees that such records and information shall not be used or accessed by any person involved in sales, marketing, competitive intelligence, competitive analysis, strategic planning, and similar activities. Recipient further agrees that Recipient shall not furnish copies of such records or disclose information contained in such records to any person or entity which has not executed and delivered to SWBT a counterpart of this Agreement prior to receipt of such copies or information.

6) Recipient agrees that Recipient will not without SWBT's express written authorization copy, duplicate, sketch, draw, photograph, download, photocopy, scan, replicate, transmit, deliver, send, mail, communicate, or convey any of SWBT's records relating to poles, ducts, conduits, or rights-of-way. Recipient further agrees that Recipient will not conceal, alter, or destroy any SWBT records furnished to Recipient pursuant to this Agreement.

7) Notwithstanding the provisions of 6) above, and except as provided in 8) below, Recipient may copy, take notes from, make, and use (for the limited purposes specified herein) drawings with reference to the following records provided by SWBT to Recipient for inspection: pole and conduit route maps, cable plat maps, and plant location records reflecting approximate locations of SWBT's existing poles, ducts, conduits, and rights-of-way. All such copies, notes, and drawings (whether in hardcopy or electronic form) shall be marked with the legend: "**PROPRIETARY INFORMATION: NOT FOR USE BY OR DISCLOSURE TO ANY PERSON WHO HAS NOT EXECUTED A NONDISCLOSURE AGREEMENT (SWBT POLE, DUCT, CONDUIT, AND RIGHT-OF-WAY).**"

8) No references to cable counts, cable designations or cable-specific information, circuit information, or customer-specific information of any kind may be included in any copies, notes, or drawings made pursuant to 7) above; provided, however, that Recipient may make estimates regarding the physical characteristics (such as size and weight) of the cables being surveyed when necessary to make engineering determinations regarding the capacity, safety, reliability, or suitability of SWBT's poles, ducts, conduits, or rights-of-way for Recipient/Applicant's intended uses.

9) All records and information relating to poles, ducts, conduits, and rights-of-way provided to Recipient/Applicant by SWBT (whether in writing, orally, or in electronic or other formats) shall be deemed to be proprietary information subject to this Agreement without regard to whether such information, at the time of disclosure, has been marked with

restrictive notations such as “Proprietary,” “Restricted Proprietary,” “Confidential,” “Not to Be Copied or Reproduced,” or the like.

10) This Agreement applies only to records and information provided to Recipient by SWBT and does not apply to records and information obtained by Recipient from other lawful sources.

11) This Agreement does not prohibit the disclosure of records or information in response to subpoenas and/or orders of a governmental agency or court of competent jurisdiction. In the event Recipient receives an agency or court subpoena requiring such disclosure, Recipient shall immediately, and in no event later than five calendar days after receipt, notify SWBT in writing.

12) The Parties agree that, in the event of a breach or threatened breach of this Agreement, SWBT may seek any and all relief available in law or in equity as a remedy for such breach, including but not limited to monetary damages, specific performance, and injunctive relief. The Parties acknowledge that SWBT’s records and information relating to poles, ducts, conduits, and rights-of-way include valuable and unique information and that disclosure of such information (including circuit information) will result in irreparable injury to SWBT. In the event of any breach of this Agreement for which legal or equitable relief is sought, SWBT shall be entitled to recover from Recipient all reasonable attorney’s fees and other reasonable costs (including but not limited to fees of expert witnesses) incurred by SWBT in connection with the prosecution of its claims against Recipient.

13) This Agreement shall be effective on the effective date shown above and shall remain in full force and effect until terminated by either party as provided herein. Either party may, at any time, with or without cause, terminate this Agreement by giving the other party 60 days’ advance written notice of its decision to terminate. The parties further agree that termination of this Agreement shall have no effect on the duty of any person or entity, including Recipient, to abide by all terms of this Agreement with respect to records and information received by Recipient while this Agreement is in effect.

14) This Agreement shall benefit and be binding on the parties below and their respective heirs, successors, and assigns.

15) This Agreement will be governed by the laws of the State of Arkansas.

16) This Agreement sets forth the entire agreement and understanding between the parties with respect to the subject matter hereof, and none of the terms of this Agreement may be amended or modified except by written instrument signed by both parties.

IN WITNESS WHEREOF, the parties hereto have executed this Agreement, or caused this Agreement to be executed by their duly authorized representatives, in duplicate, as of the dates set forth below.

New Edge Network, Inc. d/b/a New Edge Networks Recipient (Print or Type Name)	Southwestern Bell Telephone Company

By _____
Signature of Recipient or Representative

_____
Name (Printed or Typed)

_____
Address

_____
City, State, and Zip Code

_____
Phone

_____
Date

By _____
Signature

_____
Name (Printed or Typed)

_____
Address

_____
City, State, and Zip Code

_____
Phone

_____
Date

Agreement No. _____

APPENDIX VI
NOTICES TO APPLICANT (ARKANSAS)

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

Notices in general. Except as otherwise stated in this Appendix, all notices to Applicant shall be given to Applicant's duly authorized agent or attorney as specified in Section 29.01 of the Master Agreement.

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

Special notice provisions. The following special notice provisions, if any, shall apply:

Agreement No. _____

APPENDIX VII
NOTICES TO SWBT (ARKANSAS)

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

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

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

17.02(c)	Disclaimer of ownership or responsibility for untagged facilities
17.06	Notification of Applicant's response to ownership of facilities in question
18.01(a)	Notice of intent to remove facilities
18.01(e)	Notice of intent to terminate license
18.06	Notification of completion of removal of facilities
20.01(c)	Notification of change of bond
21.17	Notification of claims
23.XX	All notifications of insurance coverage in Article 23
24.03	Notification of assignment
25.01	Notification of termination
25.03	Notification of cure of breach
27.04	Notice of elective termination
29.03	Notification of change in notice requirements

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

6.05(a)	Notifications relating to electrical interference
6.09(d)	Notifications of unsafe conditions
6.11(a)	Notification of manhole entry
6.13(c)	Notification of environmental contaminants
10.02(b)	Notification of materials required for self-provisioning of inner duct
15.04	Notification of conditions requiring emergency repair

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

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

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

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

Agreement No. _____

APPENDIX VIII
IDENTIFICATION OF UTILITY LIAISON SUPERVISOR (ARKANSAS)

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

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

Name: Daryl Yerton

Title: Utility Liaison Supervisor

Firm: Southwestern Bell Telephone Company

Address: 1111 W. Capitol, Room 525

City/State/Zip: Little Rock, Arkansas 72201

Agreement No. _____

ADDENDUM NO. 1
ENVIRONMENTAL NOTICE (ARKANSAS)

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

This addendum supplements Section 10.01 of the Master Agreement. Section 10.01 provides in part that if SWBT personnel involved in the processing of Applicant's request for access become aware of hazardous substances at a site requested by Applicant, SWBT shall promptly advise Applicant and shall, at Applicant's request, discuss issues associated with the presence of such hazardous substances. Section 10.01(a) further provides in part that SWBT, no later than 45 days after Applicant's submission of the license application, shall disclose to Applicant any hazardous substances known by SWBT to be present at the site.

As ordered by the Arkansas Public Service Commission, the disclosure of hazardous substances shall be made within 20 days after Applicant's submission of the license application.

SOUTHWESTERN BELL TELEPHONE COMPANY

By: _____
Signature of SWBT's Authorized Officer/Employee

_____
Date

NEW EDGE NETWORK, INC. D/B/A NEW EDGE NETWORKS_____
Applicant's Name (Printed or Typed)

By: _____
Signature of Applicant's Authorized Officer/Employee

_____
Date

_____
City and State of Execution by Applicant

APPENDIX-PRICING

TABLE OF CONTENTS

1. INTRODUCTION 3

2. RECURRING CHARGES 3

3. NON-RECURRING CHARGES 4

4. UNBUNDLED LOCAL SWITCHING (ULS) 5

5. BILLING 7

6. APPLICABILITY OF OTHER RATES, TERMS AND CONDITIONS 7

APPENDIX PRICING

1. INTRODUCTION

1.1 This Appendix sets forth the terms and conditions under which the applicable SBC Communications Inc. (SBC) owned Incumbent Local Exchange Carrier (ILEC) provides pricing below and divided into the following five categories: Unbundled Network Elements, Resale, Other (Resale), Other and Reciprocal Compensation. These categories are for convenience only and shall not be construed to define or limit any of the terms herein or affect the meaning or interpretation of this agreement.

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, Nevada Bell Telephone Company, The Ohio Bell Telephone Company, Pacific Bell Telephone Company, The Southern New England Telephone Company, Southwestern Bell Telephone Company and/or Wisconsin Bell, Inc. d/b/a Ameritech Wisconsin.

1.3 **SWBT-AR** - As used herein, **SWBT-AR** means the applicable above listed ILEC doing business in Arkansas.

1.4 For any rate element and/or charge contained in or referenced to in this Appendix Pricing that are not listed herein, including Bona Fide Requests (BFR), **SWBT-AR** and CLEC will negotiate prices.

1.5 The following defines the zones found in Appendix Pricing:

Rate Zone:	Total Access Lines:
Zone 1	3,000 or fewer
Zone 2	3,001 – 72,000
Zone 3	Greater than 72,000

1.6 For modifications of **SWBT-AR**'s plant facilities see the BFR process to satisfy the CLEC request.

2. RECURRING CHARGES

2.1 Unless otherwise identified in the Pricing Tables, where rates are shown as monthly, a month will be defined as a calendar month. The minimum term for each monthly rated Unbundled Network Element (UNE), Resale, Other (Resale), Other and Reciprocal Compensation elements will be one (1) month. After the initial month, billing will be on the basis of whole or fractional months used. The minimum service period for UNEs provided under the BFR process set forth in Appendix UNE of this Agreement may be longer.

2.2 Where rates (excluding Resale) are based on minutes of use, usage will be accumulated at the End Office Switch or other measurement point without any per call rounding and total minutes by End Office Switch or other measurement point will then be rounded to the next higher minute. CLEC shall pay for all usage on such calls including those that are not completed due to “busy” or “don't answer” status.

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

2.4 Where rates consist of usage sensitive charges or per occurrence charges, such rates are classified as “recurring charges”.

3. NON-RECURRING CHARGES

3.1 Nonrecurring Charges are applicable for all five (5) categories of rates.

3.2 Consistent with FCC Rule 51.307(d), there are non-recurring charges for each UNE on the first connection on an CLEC order as well as separate non-recurring charges for each additional connection associated with the same CLEC order at the same CLEC specified premises.

3.3 For Resale, when a CLEC converts an End User currently receiving non-complex service from the **SWBT-AR** network, without any changes to **SWBT-AR**’s network, the normal service order charges and/or nonrecurring charges associated with said additions and/or changes will apply.

3.4 CLEC shall pay a non-recurring charge when a CLEC adds or removes a signaling point code. The rates and charges for signaling point code(s) are identified in the Appendix SS7. This charge also applies to point code information provided by CLEC allowing other Telecommunications Carriers to use CLEC’s SS7 signaling network.

3.5 CLEC shall pay a service order processing charge (Service Order Charge) for each service order issued by **SWBT-AR** to process a request for installation, disconnection, rearrangement, changes to or record orders for UNEs.

3.6 Some items, which must be individually charged, are billed as nonrecurring charges.

3.7 Time and Material charges (a.k.a. additional labor charges) are defined in FCC Tariff 73.

4. UNBUNDLED LOCAL SWITCHING (ULS)

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

4.2 Rate Structure for ULS

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

4.2.1.1 CLEC will pay ULS-O and SS7 signaling for a call originating from an CLEC ULS line or trunk port that terminates to a **SWBT-AR** End User service line, Resale service line, or any unbundled line or trunk port which is connected to the same End Office Switch.

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

4.2.1.3 **SWBT-AR** will not bill ULS-T for Intra switch calls.

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

4.3 General Principles for Inter Switch Calls

4.3.1 Local Calls

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

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

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

4.3.2 IntraLATA and InterLATA Toll Calls

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

4.3.2.2 CLEC may provide exchange access transport services to Interexchange Carriers (IXCs) for intraLATA traffic originated by or terminating to CLEC local service End Users, upon request, using UNEs. For interLATA toll calls and intraLATA toll calls (post Dialing Parity) that are originated by local End Users using **SWBT-AR** unbundled local switching, CLEC may offer to deliver the calls to the PIC at the **SWBT-AR** access Tandem Office Switch, with CLEC using unbundled common transport and Tandem Office Switching to transport the call from the originating unbundled local switch to the PIC's interconnection at the access Tandem Office Switch. When the PIC agrees to take delivery of toll calls under this arrangement, then CLEC will pay **SWBT-AR** ULS-O usage, signaling, common transport, and tandem switching for such calls. **SWBT-AR** will not bill any access charges to the PIC under this arrangement. CLEC may use this arrangement to provide exchange access services to itself when it is the PIC for toll calls originated by CLEC local End Users using **SWBT-AR** unbundled local switching.

4.3.2.3 If the PIC elects to use transport and Tandem Office Switching provided by **SWBT-AR** to deliver interLATA toll calls or intraLATA toll calls (post Dialing Parity) that are originated by CLEC local End Users using **SWBT-AR** unbundled local switching, then CLEC will pay SWBT ULS-O usage and signaling only in connection with such calls. **SWBT-AR** will

not bill the PIC any originating switching access charges in connection with such calls.

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

4.3.3 Toll Free Calls

4.3.3.1 When CLEC uses ULS Ports to initiate an 800-type call, **SWBT-AR** will perform the appropriate database query and route the call to the indicated IXC. CLEC will pay the 800 database query charge and ULS-O charge. CLEC will be responsible for any billing to the IXC for such calls.

4.3.4 Optional Two-way Extended Area Service (EAS)

4.3.4.1 When the NXX of the telephone number provided to CLEC is one associated with an optional EAS arrangement, CLEC shall pay a flat-rated monthly port additive for the optional EAS toll package(s) inherent in the telephone number.

5. BILLING

5.1 For information regarding billing, non-payment, disconnects and dispute resolution, see the General Terms and Conditions of this Agreement.

6. APPLICABILITY OF OTHER RATES, TERMS AND CONDITIONS

6.1 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.

Line	Change/ Updates	Service		Rate Elements	USOCs	Recurring Rate	Nonrecurring Rate First	Nonrecurring Rate Additional	Subsequent Changes
1		**UNBUNDLED NETWORK ELEMENTS**							
2		Local Loops		Disconnect Loop from inside wiring, per NID	NRBND	None	$ 68.35	$ 34.15	
3				2-Wire Analog Zone 1 (Rural)	U21	$ 71.05	$ 41.05	$ 16.50	
4				2-Wire Analog Zone 2 (Suburban)	U21	$ 31.60	$ 41.05	$ 16.50	
5				2-Wire Analog Zone 3 (Urban)	U21	$ 18.75	$ 41.05	$ 16.50	
6				Conditioning for dB loss from 8db to 5db	UL2	$ 7.60	$ 48.55	$ 18.20	
7				4-Wire Analog Zone 1(Rural)	U4H	$ 145.50	$ 282.20	$ 107.95	
8				4-Wire Analog Zone 2 (Suburban)	U4H	$ 64.80	$ 282.20	$ 107.95	
9				4-Wire Analog Zone 3 (Urban)	U4H	$ 38.80	$ 282.20	$ 107.95	
10				2-Wire Digital Zone 1(Rural)	U2Q	$ 119.95	$ 126.65	$ 66.40	
11				2-Wire Digital Zone 2 (Suburban)	U2Q	$ 59.95	$ 126.65	$ 66.40	
12				2-Wire Digital Zone 3 (Urban)	U2Q	$ 42.55	$ 126.65	$ 66.40	
13				4-Wire Digital Zone 1(Rural)	U4D1X	$ 201.15	$ 299.10	$ 117.95	
14				4-Wire Digital Zone 2 (Suburban)	U4D1X	$ 153.35	$ 299.10	$ 117.95	
15				4-Wire Digital Zone 3 (Urban)	U4D1X	$ 131.85	$ 299.10	$ 117.95	
16				4-Wire Digital Zone 1(Rural)	U4D1X	$ 201.15	$ 299.10	$ 117.95	
17				4-Wire Digital Zone 2 (Suburban)	U4D1X	$ 153.35	$ 299.10	$ 117.95	
18				4-Wire Digital Zone 3 (Urban)	U4D1X	$ 131.85	$ 299.10	$ 117.95	
19			*	DS3 Loop Zone 1 (Rural)	under development	$ 811.16	$ 670.21	$ 293.05	
20			*	DS3 Loop Zone 2 (Suburban)	under development	$ 758.11	$ 670.21	$ 293.05	
21			*	DS3 Loop Zone 3 (Urban)	under development	$ 686.16	$ 670.21	$ 293.05	
22		DSL Capable Loops		2-Wire Digital Loop ISDN/IDSL Zone 1(Rural)	U2Q	See 2-Wire Digital above	See 2-Wire Digital above	See 2-Wire Digital above	
23				2-Wire Digital Loop ISDN/IDSL Zone 2 (Suburban)	U2Q	See 2-Wire Digital above	See 2-Wire Digital above	See 2-Wire Digital above	
24				2-Wire Digital Loop ISDN/IDSL Zone 3 (Urban)	U2Q	See 2-Wire Digital above	See 2-Wire Digital above	See 2-Wire Digital above	
25				2-Wire xDSL Loop Zone 1(Rural)	2SLAX	$ 71.05	$ 41.05	$ 16.50	
26				2-Wire xDSL Loop Zone 2 (Suburban)	2SLAX	$ 31.60	$ 41.05	$ 16.50	
27				2-Wire xDSL Loop Zone 3 (Urban)	2SLAX	$ 18.75	$ 41.05	$ 16.50	
28				4-Wire xDSL Loop Zone 1 (Rural)	4SL1X	$ 145.50	$ 282.20	$ 107.95	
29				4-Wire xDSL Loop Zone 2 (Suburban)	4SL1X	$ 64.80	$ 282.20	$ 107.95	

Line	Change/ Updates	Service		Rate Elements	USOCs	Recurring Rate	Nonrecurring Rate First	Nonrecurring Rate Additional	Subsequent Changes
30				4-Wire xDSL Loop Zone 3 (Urban)	4SL1X	$ 38.80	$ 282.20	$ 107.95	
31		Sub-Loops	*	2-Wire Analog Distribution Zone 1 (Rural)	UG2	ICB	ICB	ICB	
32			*	2-Wire Analog Distribution Zone 2 (Suburban)	UG2	ICB	ICB	ICB	
33			*	2-Wire Analog Distribution Zone 3 (Urban)	UG2	ICB	ICB	ICB	
34			*	2-Wire Digital Distribution ISDN/IDSL Zone 1 (Rural)	UK2	ICB	ICB	ICB	
35			*	2-Wire Digital Distribution ISDN/IDSL Zone 2 (Suburban)	UK2	ICB	ICB	ICB	
36			*	2-Wire Digital Distribution ISDN/IDSL Zone 3 (Urban)	UK2	ICB	ICB	ICB	
37			*	4-Wire Analog Distribution xDSL Zone 1 (Rural)	UG4	ICB	ICB	ICB	
38			*	4-Wire Analog Distribution xDSL Zone 2 (Suburban)	UG4	ICB	ICB	ICB	
39			*	4-Wire Analog Distribution xDSL Zone 3 (Urban)	UG4	ICB	ICB	ICB	
40			*	4-Wire Digital Distribution ISDN/IDSL Zone 1 (Rural)	UK4RE	ICB	ICB	ICB	
41			*	4-Wire Digital Distribution ISDN/IDSL Zone 2 (Suburban)	UK4RE	ICB	ICB	ICB	
42			*	4-Wire Digital Distribution ISDN/IDSL Zone 3 (Urban)	UK4RE	ICB	ICB	ICB	
43				Loop Qualification Process	NRBXU	None	$ 20.00	None	
44		DSL Conditioning Options	*	Removal of Repeaters	NRBXV	None	$ 100.00	TBD	
45			*	Incremental Removal of Repeater (> than 17.5 Kft.same location/same cable)	NRBNL	None	TBD	TBD	
46			*	Incremental Additional Removal of Repeater (> than 17.5 Kft.same location/different cable)	NRBNP	None	TBD	TBD	
47			*	Removal of Bridged Taps and Repeaters	NRBXH	None	TBD	TBD	
48			*	Incremental Removal of Bridged Taps and Repeaters (>than 17.5K same location/same cable)	NRBTV	None	TBD	TBD	
49			*	Incremental Additional Removal of Bridged Taps and Repeaters (>than 17.5K same location/different cable)	NRBTW	None	TBD	TBD	
50			*	Removal of Bridged Taps	NRBXW	None	$ 100.00	TBD	

Line	Change/ Updates	Service		Rate Elements	USOCs	Recurring Rate	Nonrecurring Rate First	Nonrecurring Rate Additional	Subsequent Changes
51			*	Incremental Removal of Bridged Tap (> than 17.5 Kft.same location/same cable)	NRBNK	None	TBD	TBD	
52			*	Incremental Additional Removal of Bridged Tap (> than 17.5 Kft.same location/different cable)	NRBNN	None	TBD	TBD	
53			*	Removal of Bridged Taps and Load Coils	NRBXF	None	TBD	TBD	
54			*	Incremental Removal of Load Coil & Bridge Tap (> than 17.5 Kft.same location/same Cable)	NRBM8	None	TBD	TBD	
55			*	Incremental Additional Removal of Load Coil & Bridge Tap (> than 17.5 Kft.same location/different Cable)	NRBM9	None	TBD	TBD	
56			*	Removal of Load Coils	NRBXZ	None	$ 100.00	TBD	
57			*	Incremental Removal of Load Coil (> than 17.5 Kft.same location/same Cable)	NRBNJ	None	TBD	TBD	
58			*	Incremental Additional Removal of Load Coil (> than 17.5 Kft.same location/different Cable)	NRBNH	None	TBD	TBD	
59		DSL Cross-Connects		DSL Shielded Loop to Collocation	UXRRX	$ 0.95	$ 137.85	TBD	
60				2-Wire DSL Non-Shielded Cross Connect to Collocation	UCX92	None	$ 65.14	$ 28.51	
61			*	4-Wire DSL Non-Shielded Cross Connect to Collocation	UCX94	None	$ 77.29	$ 39.81	
62			*	DSL Shielded Loop to UNE POA Methods 1- 3	Under Development	$ 0.95	$ 137.85	TBD	
63			*	2-Wire DSL Non-Shielded Cross-Connect to POA Methods 1 - 3	Under Development	None	$ 65.14	$ 28.51	
64			*	4-Wire DSL Non-Shielded Cross-Connect to POA Methods 1 - 3	Under Development	None	$ 77.29	$ 39.81	
65		Sub Loop Cross-Connects	*	2-Wire	UCX1X	ICB	ICB	ICB	
66			*	4-Wire	UCX14	ICB	ICB	ICB	
67		Loop Cross-Connects		2-Wire Analog Loop to Collocation	UCXC2	$ 1.57	$ 80.63	$ 76.76	
68				2-Wire Analog Loop to Collocation (without testing)	UCXD2	None	$ 65.14	$ 28.51	
69				4-Wire Analog Loop to Collocation	UCXC4	$ 3.13	$ 95.45	$ 91.58	
70				4-Wire Analog Loop to Collocation (without testing)	UCXD4	None	$ 77.29	$ 39.81	

Line	Change/ Updates	Service		Rate Elements	USOCs	Recurring Rate	Nonrecurring Rate First	Nonrecurring Rate Additional	Subsequent Changes
71				2-Wire Digital Loop to Collocation	(UCXC2) under development	$ 1.57	$ 80.63	$ 76.76	
72				2-Wire Digital Loop to Collocation (without testing)	(UCXD2) under development	None	$ 65.14	$ 28.51	
73				4-Wire Digital Loop to Collocation	(UCXHX) under development	$ 8.43	$ 95.45	$ 91.58	
74			*	DS3 C.O. Cross Connect to Collocation	under development	$ 19.89	$ 119.34	$ 84.36	
75		Cross Connects to Point of Access (POA)		2-wire Analog Loop to POA - Method 1	under development	$ 0.95	$ 105.70	$ 69.40	
76				2-wire Analog Loop to POA - Method 2	under development	$ 1.05	$ 105.70	$ 69.40	
77				2-wire Analog Loop to POA - Method 3	under development	$ 1.05	$ 105.70	$ 69.40	
78				4-wire Analog Loop to POA - Method 1	under development	$ 1.30	$ 119.40	$ 84.20	
79				4-wire Analog Loop to POA - Method 2	under development	$ 1.35	$ 119.40	$ 84.20	
80				4-wire Analog Loop to POA - Method 3	under development	$ 1.35	$ 119.40	$ 84.20	
81				2-wire Digital Loop to POA - Method 1	under development	$ 0.95	$ 105.70	$ 69.40	
82				2-wire Digital Loop to POA - Method 2	under development	$ 1.05	$ 105.70	$ 69.40	
83				2-wire Digital Loop to POA - Method 3	under development	$ 1.05	$ 105.70	$ 69.40	
84				4-wire Digital Loop to POA - Method 1	under development	$ 1.30	$ 162.75	$ 96.80	
85				4-wire Digital Loop to POA - Method 2	under development	$ 1.35	$ 162.75	$ 96.80	
86				4-wire Digital Loop to POA - Method 3	under development	$ 1.35	$ 162.75	$ 96.80	
87				Analog Line Port to POA - Method 1	under development	$ 0.95	$ 84.15	$ 53.35	
88				Analog Line Port to POA - Method 2	under development	$ 1.05	$ 84.15	$ 53.35	
89				Analog Line Port to POA - Method 3	under development	$ 1.05	$ 84.15	$ 53.35	
90				ISDN BRI Line Port to POA - Method 1	under development	$ 1.30	$ 93.90	$ 64.00	

Line	Change/ Updates	Service		Rate Elements	USOCs	Recurring Rate	Nonrecurring Rate First	Nonrecurring Rate Additional	Subsequent Changes
91				ISDN BRI Line Port to POA - Method 2	under development	$ 1.35	$ 93.90	$ 64.00	
92				ISDN BRI Line Port to POA - Method 3	under development	$ 1.35	$ 93.90	$ 64.00	
93				ISDN PRI Trunk Port to POA - Method 1	under development	$ 1.30	$ 139.25	$ 109.35	
94				ISDN PRI Trunk Port to POA - Method 2	under development	$ 1.35	$ 139.25	$ 109.35	
95				ISDN PRI Trunk Port to POA - Method 3	under development	$ 1.35	$ 139.25	$ 109.35	
96				Analog DID Trunk Port to POA - Method 1	under development	TBD	TBD	TBD	
97				Analog DID Trunk Port to POA - Method 2	under development	TBD	TBD	TBD	
98				Analog DID Trunk Port to POA - Method 3	under development	TBD	TBD	TBD	
99				DS1 Trunk Port to POA - Method 1	under development	TBD	TBD	TBD	
100				DS1 Trunk Port to POA - Method 2	under development	TBD	TBD	TBD	
101				DS1 Trunk Port to POA - Method 3	under development	TBD	TBD	TBD	
102				Unbundled Dedicated Transport to POA: DS1 - Method 1	under development	$ 10.85	$ 163.60	$ 128.45	
103				Unbundled Dedicated Transport to POA: DS1 - Method 2	under development	$ 10.95	$ 163.60	$ 128.45	
104				Unbundled Dedicated Transport to POA: DS1 - Method 3	under development	$ 10.95	$ 163.60	$ 128.45	
105				Unbundled Dedicated Transport to POA: DS3 - Method 1	under development	ICB	ICB	ICB	
106				Unbundled Dedicated Transport to POA: DS3 - Method 2	under development	ICB	ICB	ICB	
107				Unbundled Dedicated Transport to POA: DS3 - Method 3	under development	ICB	ICB	ICB	
108				Unbundled Dedicated Transport to POA: OC3 - Method 1	under development	ICB	ICB	ICB	
109				Unbundled Dedicated Transport to POA: OC3 - Method 2	under development	ICB	ICB	ICB	
110				Unbundled Dedicated Transport to POA: OC3 - Method 3	under development	ICB	ICB	ICB	

Line	Change/ Updates	Service		Rate Elements	USOCs	Recurring Rate	Nonrecurring Rate First	Nonrecurring Rate Additional	Subsequent Changes
111				Unbundled Dedicated Transport to POA: OC12 - Method 1	under development	ICB	ICB	ICB	
112				Unbundled Dedicated Transport to POA: OC12 - Method 2	under development	ICB	ICB	ICB	
113				Unbundled Dedicated Transport to POA: OC12 - Method 3	under development	ICB	ICB	ICB	
114				Unbundled Dedicated Transport to POA: OC48 - Method 1	under development	ICB	ICB	ICB	
115				Unbundled Dedicated Transport to POA: OC48 - Method 2	under development	ICB	ICB	ICB	
116				Unbundled Dedicated Transport to POA: OC48 - Method 3	under development	ICB	ICB	ICB	
117		Local Switching		Local Switching-Per Originating or Terminating MOU Zone 1(Rual)	ZZULS	$ 0.002352	None	None	
118				Local Switching-Per Originating or Terminating MOU Zone 2(Suburban)	ZZULS	$ 0.006137	None	None	
119				Local Switching-Per Originating or Terminating MOU Zone 3(Urban)	ZZULS	$ 0.004586	None	None	
120				Local Switching-SS7 Signaling per call	ZZUU7	$ 0.0010054	None	None	
121		Customized Routing		Customized Routing	under development	ICB	ICB	ICB	
122		Customized Routing UNE AIN		Per query per customer line	ZZURO	$ 0.0071320	None	None	
123		Switch Ports		Analog Line Port	UYP	$ 2.75	$ 93.00	$ 83.45	
124				ISDN BRI Line Port	U1P	$ 6.25	$ 15.10	$ 8.25	
125				ISDN PRI Line Port	UJP	$ 195.95	$ 502.15	$ 230.45	
126				Analog DID Trunk Port	U5P	$ 24.20	$ 168.20	$ 168.20	
127				DS1 Trunk Port	U9Z	$ 251.90	$ 384.50	$ 283.55	
128				Optional Calling Area (Two-way EAS) Additive	OPXEX	$ 24.00	None	None	
129		Switch Port Cross Connects		Analog Line Port to Collocation	under development	TBD	TBD	TBD	
130				Analog DID Trunk Port to Collocation	under development	TBD	TBD	TBD	
131				ISDN BRI Line Port to Collocation	under development	TBD	TBD	TBD	
132				ISDN PRI Trunk Port to Collocation	under development	TBD	TBD	TBD	
133				DS1 Trunk Port to Collocation	(UCXD2) under development	TBD	TBD	TBD	

Line	Change/ Updates	Service		Rate Elements	USOCs	Recurring Rate	Nonrecurring Rate First	Nonrecurring Rate Additional	Subsequent Changes
134		Feature Activation per Analog Line Port Type		Call Waiting	ESX	None	$ 2.55	None	
135				Call Waiting ID	NWT	None	$ 2.55	None	
136				Call Waiting ID Options (for end user Type 2.5 CPE)	NWL	None	$ 2.55	None	
137				Call Forwarding Variable	ESM	None	$ 2.55	None	
138				Call Forwarding Busy Line	EVB	None	$ 2.55	None	
139				Call Forwarding Don't Answer	EVD	None	$ 2.55	None	
140				Call Forwarding Busy Line Don't Answer	E5E	None	$ 2.55	None	
141				Call Transfer Disconnect	FG3	None	$ 2.55	None	
142				Simutaneous Call Forwarding	ESD	None	$ 2.55	None	
143				Remote Access to Call Forwarding	RC3	None	$ 2.55	None	
144				Three-Way Calling	ESC	None	$ 2.55	None	
145				Speed Calling 8	ESL	None	$ 2.55	None	
146				Speed Calling 30	ESF	None	$ 2.55	None	
147				Auto Callback/Auto Redial	NSQ	None	$ 2.55	None	
148				Distinctive Ring/Priority Call	NSK	None	$ 2.55	None	
149				Selective Call Rejection/Call Blocker	NSY	None	$ 2.55	None	
150				Auto Recall/Call Return	NSS	None	$ 2.55	None	
151				Selective Call Forwarding	NCE	None	$ 2.55	None	
152				Calling # Delivery	NSD	None	$ 2.55	None	
153				CNAM Delivery	NMP	None	$ 2.55	None	
154				Calling Number/Name Delivery Blocking/Per Ln Block	NBJ	None	$ 2.55	None	
155				Calling Number/Name Blocking	NSG	None	$ 2.55	None	
156				Anonymous Call Rejection	AYK	None	$ 2.55	None	
157				Customer Alerting Enablement	AWS	None	$ 2.55	None	
158				Toll Restriction	DH2	None	$ 2.55	None	
159				International Direct Dialing Blocking	NR4BK	None	$ 2.55	None	
160		Analog Line Port Features/per arrangement		Personalized Ring	DRS	None	$ 6.05	None	
161				Personalized Ring - DN1	DRS1X	None	$ 6.05	None	
162				Personalized Ring - DN2	DRS2X	None	$ 6.05	None	
163				Hunting Arrangement	NR931	None	$ 31.20	None	
164		Analog Line Port Features Activation per successful occurance		Call Trace (per feature per port)	NST	None	$ 2.55	None	
165				Call Trace (per successful occurrence per port)	ZZUCL	$ 6.35	None	None	

Line	Change/ Updates	Service		Rate Elements	USOCs	Recurring Rate	Nonrecurring Rate First	Nonrecurring Rate Additional	Subsequent Changes
166				Usage sensitive Call Return (per feature per port)	NV9	None	$ 2.55	None	
167				Usage sensitive Call Return(per occurrence)	ZZURE	$ 0.05	None	None	
168				Usage sensitive Auto ReDial (per feature per port)	NV8	None	$ 2.55	None	
169				Usage sensitive Auto ReDial (per occurrence)	ZZUAR	$ 0.05	None	None	
170				Usage sensitive Three Way Calling (per feature per port)	3UY	None	$ 2.55	None	
171				Usage sensitive Three Way Calling (per occurrence)	ZZU3W	$ 0.05	None	None	
172		ISDN BRI Basic/BRI Centrex-like & PRI Trunk Side		CSV/CSD per B channel	STHXX	None	$ 18.55	None	
173				Additional Call Offering for CSV per B Channel	NCO	None	$ 5.90	None	
174				Call Forwarding Don't Answer per B Channel	NQ6	None	$ 5.90	None	
175				Call Forwarding Variable per B Channel	NVF	None	$ 5.90	None	
176				Three-way Conference Calling per B Channel	NZ3	None	$ 5.90	None	
177		ISDN BRI Port Features Package		Basic EKTS per B Channel	FPG1X	None	$ 15.35		
178				CACH EKTS per B Channnel	EFV1X	None	$ 18.45	None	
179		ISDN BRI Basic Individual Port Features		Call Forwarding Interface Busy	NQ5	None	$ 5.90	None	
180				Calling Number Delivery	ZCN	None	$ 5.90	None	
181				Hunt Group for CSD	HTKPG	None	$ 5.90	None	
182				Hunt Group for CSV	GXH	None	$ 5.90	None	
183				Message Waiting Indicator	NZW	None	$ 5.90	None	
184				Secondary Only Telephone Number	DO6	None	$ 5.90	None	
185		ISDN PRI Trunk Side Features		Backup D Channel	ZPBXD	None	$ 62.10	None	
186				Calling Number Delivery	NXN	None	$ 2.55	None	
187				Dynamic Channel Allocation	CCZ	None	$ 12.50	None	
188		Analog Trunk Port DS1 Digital DID Trunk Port DIDTrunk Port Features		DID #s - Initial 100 #s	ND8	None	$ 178.00	None	
189				DID #s - Addtl.100 #s	ND9	None	$ 12.90	None	
190				DID #s - Initial 10 #s	NDZ	None	$ 173.90	None	
191				DID #s - Addtl. 10 #s	NDA	None	$ 8.80	None	
192		Centrex-like System Charges		System Establishment per serving office - Analog Only	SEPUX	None	$ 728.80	$ 728.80	

Line	Change/ Updates	Service		Rate Elements	USOCs	Recurring Rate	Nonrecurring Rate First	Nonrecurring Rate Additional	Subsequent Changes
193				System Establishment per serving office - Analog/ISDN BRI Mix	SEPUY	None	$ 728.80	$ 728.80	
194				System Establishment per serving office - ISDN BRI Only	SEPUU	None	$ 289.05	$ 289.05	
195				System Subsequent Change per service office - Analog/ ISDN BRI mixed sys or BRI only Sys & Add ISDN to existing Analog only system	NR93X	None	$ 188.45	$ 188.45	
196				System Subsequent Conversion per serving office - Add Analog to existing ISDN BRI only system	NR93W	None	$ 523.10	$ 523.10	
197		Analog Line Port & BRI Line Port Centrex -Like Features		Auto Callback Calling/Business Group Callback	RGE	None	$ 5.90	None	
198				Call Forwarding Busy Line	GCE	None	$ 5.90	None	
199				Call Hold	6AB	None	$ 5.90	None	
200				Call Pickup	E3P	None	$ 5.90	None	
201				Call Transfer - All Calls	TF1PS	None	$ 5.90	None	
202				Class of Service Restr. - Fully	ERSFC	None	$ 5.90	None	
203				Class of Service Restr. - Semi	RQW	None	$ 5.90	None	
204				Class of Service Restr. - Toll	ERSPA	None	$ 5.90	None	
205				Consult. Hold	EBE	None	$ 5.90	None	
206				Dial Call Waiting	WDK	None	$ 5.90	None	
207				Directed Call Pickup - Non Barge in	69D	None	$ 5.90	None	
208				Directed Call Pickup - With Barge in	6MD	None	$ 5.90	None	
209				Distinctive Ring and Call Waiting Tone	DRJ	None	$ 5.90	None	
210				Hunting Arrgmt - Basic	HRK	None	$ 5.90	None	
211				Hunting Arrgmt - Circular	HCK	None	$ 5.90	None	
212		Analog Line Port Centrex-Like Features		Standard feature initialization per analog port	NR935	None	$ 5.05	None	
213				Call Forwarding Variable/ Business Group Call Forwarding Variable	HWJ	None	$ 5.90	None	
214				Call Forwarding Don't Answer	69H	None	$ 5.90	None	
215				Call Waiting - Intragroup/ Business Group Call Forwarding Variable.	NGW	None	$ 5.90	None	
216				Call Waiting - Orig.	6SZ	None	$ 5.90	None	
217				Call Waiting - Term.	HUH	None	$ 5.90	None	
218				Speed Calling Personal	E18	None	$ 5.90	None	
219				Three Way Calling	ESCPS	None	$ 5.90	None	
220				Voice/Data Protection	D7N	None	$ 5.90	None	

Line	Change/ Updates	Service		Rate Elements	USOCs	Recurring Rate	Nonrecurring Rate First	Nonrecurring Rate Additional	Subsequent Changes
221		BRI Line Port Centrex-Like Features		Standard feature initialization per ISDN BRI Port	NR936	None	$ 5.05	None	
222				Speed Calling Personal	NXG	None	$ 5.90	None	
223		Tandem Switching		Tandem Switching Per Minute Of Use	ZZUTA	$ 0.001665	None	None	
224		Blended Transport		Blended Transport Zone 1 (Rural)	ZZUBT	$ 0.001271	None	None	
225				Blended Transport Zone 2 (Suburban)	ZZUBT	$ 0.001021	None	None	
226				Blended Transport Zone 3 (Urban)	ZZUBT	$ 0.001020	None	None	
227		Common Transport		Common TransportTermination Per Minute of Use Zone 1 (Rural)	ZZUCT	$ 0.000534	None	None	
228				Common TransportTermination Per Minute of Use Zone 2 (Suburban)	ZZUCT	$ 0.000423	None	None	
229				Common TransportTermination Per Minute of Use Zone 3 (Urban)	ZZUCT	$ 0.000438	None	None	
230				Common TransportFacility Per Minute, Per Mile Zone 1 (Rural)	ZZUCT	$ 0.000034	None	None	
231				Common TransportFacility Per Minute, Per Mile Zone 2 (Suburbanl)	ZZUCT	$ 0.000014	None	None	
232				Common Transport Facility Per Minute, Per Mile Zone 3 (Urban)	ZZUCT	$ 0.000012	None	None	
233		Unbundled Dedicated Transport (UDT)		UDT-DS1 Entrance Facilities	UENHX	$ 165.00	$ 600.00	$ 456.00	
234				UDT-DS3 Entrance Facilities	UENJX	$ 1,850.00	$ 605.00	$ 496.00	
235				UDT-OC3 Entrance Facilities	UENKX	ICB	ICB	ICB	
236				UDT-OC12 Entrance Facilities	UENLX	ICB	ICB	ICB	
237				UDT-OC48 Entrance Facilities		ICB	ICB	ICB	
238				UDT-DS1 Interoffice Transport, First Mile	ULNHS	$ 50.00	$ 310.00	$ 220.00	
239				UDT-DS1 Interoffice Transport, Each Additional Mile	ULNHS	$ 16.80	None	None	
240				UDT-DS3 Interoffice Transport, First Mile	ULNJS	$ 815.00	$ 338.00	$ 236.00	
241				UDT-DS3 Interoffice Transport, Each Additional Mile	ULNJS	$ 118.00	None	None	
242				UDT-OC3 Interoffice Transport, First Mile	ULNKS	ICB	ICB	ICB	
243				UDT-OC3 Interoffice Transport, Each Additional Mile	ULNKS	ICB	ICB	ICB	
244				UDT-OC12 Interoffice Transport, First Mile	ULNLS	ICB	ICB	ICB	
245				UDT-OC12 Interoffice Transport, Each Additional Mile	ULNLS	ICB	ICB	ICB	
246				UDT-OC48 Interoffice Transport, First Mile	ULNNS	ICB	ICB	ICB	

Line	Change/ Updates	Service		Rate Elements	USOCs	Recurring Rate	Nonrecurring Rate First	Nonrecurring Rate Additional	Subsequent Changes
247				UDT-OC48 Interoffice Transport, Each Additional Mile	ULNNS	ICB	ICB	ICB	
248		Dedicated Transport Cross Connect		DS1 to Collocation	UCXHX	$ 8.45	$ 95.45	$ 91.60	
249				DS3 to Collocation	UCXJX	ICB	ICB	ICB	
250				OC3 to Collocation	UCXNX	ICB	ICB	ICB	
251				OC12 to Collocation	(UCXNX) under development	ICB	ICB	ICB	
252				OC48 to Collocation	(UCXNX) under development	ICB	ICB	ICB	
253		Network Reconfiguration Service		DSO DS1 Port	UDUDX	$ 45.14	$ 43.00	None	
254				DSO DS3 Port	(UDU3X) under development	$ 490.05	$ 32.00	None	
255				DCS Establishment	SEPU3	None	$ 1,722.00	None	
256				Database Modification	NR9U4	None	$ 80.00	None	
257		Multiplexing		DS1 to VG	UM4BX	$ 180.00	$ 260.00	$ 161.00	
258				DS3 to DS1	UM4AX	$ 815.00	$ 1,372.00	$ 813.00	
259		SS7		SS7 Link Cross Connect - DS0	5-state billed in IBIS	$ 68.75	$ 286.20	$ 226.00	
260				SS7 Link Cross Connect - DS1	5-state billed in IBIS	$ 49.55	$ 254.95	$ 194.80	
261				STP to SWBT MDF - DSO	5-state billed in IBIS	$ 68.75	$ 286.20	$ 226.00	
262				STP to SWBT DSX Frame-DS1	5-state billed in IBIS	$ 49.55	$ 254.95	$ 194.80	
263				STP Port Termination	IBIS billed	$ 1,331.40	$ 433.20	None	
264				STP Access Link-1.544 Mbps	IBIS billed	See Dedicated Transport	None	None	
265				STP Access Link-56.Kbps (fixed)	IBIS billed	$ 100.16	None	None	
266				STP Access Link-56.Kbps (per mile)	IBIS billed	$ 0.91	None	None	
267				SS7 Transport per Octet	IBIS billed	$ 0.0000050	None	None	
268				Signaling Point Code Addition	IBIS billed	None	$ 56.55	None	
269				Global Title Translation Addition (GTT)	Under development	None	$ 25.05	None	
270		Line Information Database (LIDB)		Validation Query (Includes SMS & Sleuth)	Not Applicable	$ 0.0260	None	None	
271				OLNS Query (Includes SMS)	Not Applicable	$ 0.0550	None	None	
272				CNAM Query (Includes SMS)	Not Applicable	$ 0.0036	None	None	

Line	Change/ Updates	Service		Rate Elements	USOCs	Recurring Rate	Nonrecurring Rate First	Nonrecurring Rate Additional	Subsequent Changes
273				Query Transport (Applies to Valadation, OLNS & CNAM)	Not Applicable	$ 0.0044	None	None	
274				Service Order Cost	Not Applicable	None	$ 281.15	None	
275				Service Establishment Charge	Not Applicable	None	$ 56.55	None	
276		800 Database		Toll Free Database Query	Not Applicable	$ 0.000400	None	None	
277				Call Handling and Destination	Not Applicable	$ 0.000052	None	None	
278		Service Order Charges		Manual New - Simple	NRBUQ	None	$ 66.05	None	
279				Manual Change - Simple	NRBUO	None	$ 63.70	None	
280				Manual Record - Simple	NRBUU	None	$ 39.45	None	
281				Manual Disconnect - Simple	NRBUW	None	$ 33.05	None	
282				Manual Suspend - Simple	NRBJZ	None	$ 39.45	None	
283				Manual Restore - Simple	NRBJ9	None	$ 39.45	None	
284				Manual Expedited - Simple	(NRBUQ)	None	$ 66.05	None	
285				Manual Customer Not Ready - Simple	(NRBUQ)	None	$ 66.05	None	
286				Manual Due Date Change or Cancellation - Simple	(NRBUQ)	None	$ 66.05	None	
287				Manual New - Complex	NRBUR	None	$ 270.70	None	
288				Manual Change - Complex	NRBUP	None	$ 150.40	None	
289				Manual Record - Complex	NRBUV	None	$ 126.15	None	
290				Manual Disconnect - Complex	NRBUX	None	$ 72.30	None	
291				Manual Suspend - Complex	NRBJ7	None	$ 126.15	None	
292				Manual Restore - Complex	NRBJ8	None	$ 126.15	None	
293				Manual Expedited - Complex	(NRBUR)	None	$ 270.70	None	
294				Manual Customer Not Ready - Complex	(NRBUR)	None	$ 270.70	None	
295				Manual Due Date Change or Cancellation - Complex	(NRBUR)	None	$ 270.70	None	
296				Electronic New - Simple	NR9W2	None	$ 5.00	None	
297				Electronic New - Complex	NRBAW	None	$ 5.00	None	
298				Electronic Change - Simple	NR9GG	None	$ 5.00	None	
299				Electronic Record - Simple	NR9GU	None	$ 5.00	None	
300				Electronic Disconnect - Simple	NR9GZ	None	$ 5.00	None	
301				Electronic Suspend - Simple	NRBJ5	None	$ 5.00	None	
302				Electronic Restore - Simple	NRBJ6	None	$ 5.00	None	
303				Electronic Expedited - Simple	(NR9W2)	None	$ 5.00	None	
304				Electronic Customer Not Ready - Simple	(NR9W2)	None	$ 5.00	None	
305				Electronic Due Date Change or Cancellation Simple	(NR9W2)	None	$ 5.00	None	
306				PIC Change Charge	NRBL9	None	$ 5.00	None	
307		**OTHER**							

Line	Change/ Updates	Service		Rate Elements	USOCs	Recurring Rate	Nonrecurring Rate First	Nonrecurring Rate Additional	Subsequent Changes
308		Directory Assistance		Directory Assistance (DA) - per call	Not Applicable	$ 0.37	None	None	
309				Directory Assistance Call Completion (DACC) - per call	Not Applicable	$ 0.24	None	None	
310				Directory Assistance Nationwide Listing Services (NLS)	Not Applicable	$ 0.65	None	None	
311				Directory Assistance Non-Pub Emergency Service	Not Applicable	$ 2.10	None	None	
312				Directory Assistance - Facility Based Branding - Initial/Subsequent Load	NRBDG	None	$ 1,866.00	None	
313				Directory Assistance - Facility Based Branding Per call (Line # based*)	ZZUCB	$ 0.02	None	None	
314				*When unbundled switching is used or when more than one brand required on same trunk group					
315				Directory Assistance - Facilities Based Rate Reference Initial Load/Subsequent Load	NRBDL	None	$ 1,987.36	None	
316				Directory Assistance Rate Reference - Facilities Based - Subsequent Reference Load/Rater Load	NRBDM	None	$ 708.62	None	
317				Directory Assistance Listings (DAL)-Initial Load, per listing	Not Applicable	None	$ 0.06	None	
318				Directory Assistance Listings (DAL)-Update, per listing	Not Applicable	None	$ 0.06	None	
319				Directory Assistance Listings (DAL)-Non-Pub Emergency Message Service	Not Applicable	$ 2.10	None	None	
320		Operator Services		Operated Services - Fully Automated Call Processing (Per completed automated call)	Not Applicable	$ 0.15700	None	None	
321				Operator Services - Operator Assisted Call Processing (Per work second)	Not Applicable	$ 0.01600	None	None	
322				Operator Services - Facilities Based Branding Initial/Subsequent Load	NRBDG	None	$ 1,866.00	None	
323				Operator Services - Facilities Based Branding - Per Call (Line # based*)	ZZUCB	$ 0.02	None	None	
324				*When unbundled switching is used or when more than one brand required on same trunk group					
325				Operator Services - Facilities Based Rate Reference -Initial Load	NRBDL	None	$ 1,987.36	None	

Line	Change/ Updates	Service		Rate Elements	USOCs	Recurring Rate	Nonrecurring Rate First	Nonrecurring Rate Additional	Subsequent Changes
326				Operator Services - Facilities Based Rate Reference - Subsequent Rater Load or Reference Load	NRBDM	None	$ 708.62	None	
327				Intralata Message Rating - Rate per initial load	Not Applicable	None	$ 614.46	None	
328				Intralata Message Rating - Rate per subsequent changes	Not Applicable	None	$ 614.46	None	
329		Miscellaneous		NXX Migration- Migration Charge per NXX	Not Applicable	None	$ 10,000.00	None	
330				UNE Electronic Billing Information Data (daily usage) per message	ASBS	$ 0.003	None	None	
331				Local Discount Report (LDR) per WTN	CRIS	$ 0.10	None	None	
332		BCR		Per interstate local message	Not Applicable	$ 0.05	None	None	
333				Per local message	Not Applicable	$ 0.08	None	None	
334		Hosting		Billable Message Records and /or access usage records - per Record Charge	Not Applicable	$ 0.0030	None	None	
335				Hosting: Per Record Charge For Full Status RAO Company-Hosting Network Company	Not Applicable	$ 0.002	None	None	
336				Hosting: Per Record Charge For Full Status RAO Company-National CMDS Network	Not Applicable	$ 0.005	None	None	
337				Hosting: Per Record Charge For Non-Full Status RAO Company-National CMDS Network	Not Applicable	$ 0.007	None	None	
338				Hosting: Per Record Charge For Non-Full Status RAO Company-Hosting Company Network	Not Applicable	$ 0.010	None	None	
339		Clearinghouse		CH processing charge for service - per originated CH record	Not Applicable	$ 0.020	None	None	
340				CH billing message - per message	Not Applicable	$ 0.050	None	None	
341		Maintenance of Service Charges & Non-Productive Dispatch		Basic Time - per half hour	MVV	None	$ 71.20	$ 34.25	
342				Overtime - per half hour	MVV	None	$ 88.85	$ 43.10	
343				Premium Time - per half hour	MVV	None	$ 106.55	$ 51.90	
344		Time and Materials Charges		Basic Time - per half hour	ALK, ALT,ALH	None	$ 71.20	$ 34.25	
345				Overtime - per half hour	ALK, ALT,ALH	None	$ 88.85	$ 43.10	
346				Premium Time - per half hour	ALK, ALT,ALH	None	$ 106.55	$ 51.90	
347		**RECIPROCAL COMPENSATION**							
348		Tandem Switching		Tandem Switching Per Minute of Use	Not Applicable	$ 0.001665	None	None	
349		Common Switching		Common Transport -Termination per Minute of Use Zone 1 (Rural)	Not Applicable	$ 0.000534	None	None	

Line	Change/ Updates	Service		Rate Elements	USOCs	Recurring Rate	Nonrecurring Rate First	Nonrecurring Rate Additional	Subsequent Changes
350				Common Transport -Termination per Minute of Use Zone 2 (Suburban)	Not Applicable	$ 0.000423	None	None	
351				Common Transport- Termination per Minute of Use Zone 3(Urban	Not Applicable	$ 0.000438	None	None	
352				Common Transport-Facilites per Minute, per Mile Zone 1 (Rural)	Not Applicable	$ 0.000034	None	None	
353				Common Transport-Facilites per Minute, per Mile Zone 2 (Suburban)	Not Applicable	$ 0.000014	None	None	
354				Common Transport-Facilites per Minute, per Mile Zone 3 (Urban)	Not Applicable	$ 0.000012	None	None	
355		Local Switching		Local Switching-Per Originating or Terminating MOU Zone 1 (Rural)	Not Applicable	$ 0.002352	None	None	
356				Local Switching-Per Originating or Terminating MOU Zone 2 (Suburban)	Not Applicable	$ 0.006137	None	None	
357				Local Switching-Per Originating or Terminating MOU Zone 3 (Urban)	Not Applicable	$ 0.004586	None	None	
358		Transiting		Transiting-Zone 1 (Rural)	Not Applicable	$ 0.002251	None	None	
359				Transiting-Zone 2 (Suburban)	Not Applicable	$ 0.002152	None	None	
360				Transiting-Zone 3 (Urban)	Not Applicable	$ 0.002137	None	None	
361				Transiting-OCA (Optional Area)	Not Applicable	$ 0.004000	None	None	
362				Transiting-Out of Region	Not Applicable	$ 0.006000	None	None	
363		OCA		OCA Transport & Termination	Not Applicable	$ 0.016000	None	None	
364									
365			*	**The Parties acknowledge and agree that the rates set forth above are interim rates, and subject to true-up as final cost studies**					
366				**become available.**					
367									

Arkansas
Merger Commitment Amendments

MERGER COMMITMENT AMENDMENTS	USOC		Monthly Rate	Nonrecurring Rate First	Nonrecurring Rate Additional
Loops Promotion					
2-Wire Analog Promotion					
Zone 1 - Rural	U21	*	$23.50	See NRC rate below USOC NRBM4	See NRC rate below USOC NRBM4
Zone 2 - Suburban	U21	*	$14.80	See NRC rate below USOC NRBM4	See NRC rate below USOC NRBM4
Zone 3 - Urban	U21	*	$11.60	See NRC rate below USOC NRBM4	See NRC rate below USOC NRBM4
2-Wire Analog Promotion	NRBM4		NA	Uses existing rates in underlying agreement	Uses existing rates in underlying agreement
ADSL Promotion					
ADSL					
Zone 1 - Rural	U2F	*	$21.09	$8.48	$3.41
Zone 2 - Suburban	U2F	*	$7.13	$8.48	$3.41
Zone 3 - Urban	U2F	*	$5.25	$8.48	$3.41
Service Order Promotion - Manual	NRBAY	*	NA	$261.90	NA
Service Order Promotion - Electronic	NRBAW	*	NA	$5.00	NA

MERGER COMMITMENT AMENDMENTS	USOC		Monthly Rate	Nonrecurring Rate First	Nonrecurring Rate Additional
XDSL Promotion					
PSD #1B Capable Loop - 2-Wire Very Low-band Symmetric Technology: 2-Wire Copper "Symmetric Digital Subscriber Line" (SDSL)					
Zone 1 - Rural	2SLAX		Discount existing rate in underlying agreement 25%	Discount existing rate in underlying agreement 25%	Discount existing rate in underlying agreement 25%
Zone 2 - Suburban	2SLAX		Discount existing rate in underlying agreement 25%	Discount existing rate in underlying agreement 25%	Discount existing rate in underlying agreement 25%
Zone 3 - Urban	2SLAX		Discount existing rate in underlying agreement 25%	Discount existing rate in underlying agreement 25%	Discount existing rate in underlying agreement 25%
PSD#2 Capable Loop - 2-Wire Low-band Symmetric Technology					
Zone 1 - Rural	2SLCX		Discount existing rate in underlying agreement 25%	Discount existing rate in underlying agreement 25%	Discount existing rate in underlying agreement 25%
Zone 2 - Suburban	2SLCX		Discount existing rate in underlying agreement 25%	Discount existing rate in underlying agreement 25%	Discount existing rate in underlying agreement 25%
Zone 3 - Urban	2SLCX		Discount existing rate in underlying agreement 25%	Discount existing rate in underlying agreement 25%	Discount existing rate in underlying agreement 25%
PSD#3A Capable Loop - Mid-band Symmetric Technology: 2-Wire Mid-Band Symmetric Technology					
Zone 1 - Rural	2SLBX		Discount existing rate in underlying agreement 25%	Discount existing rate in underlying agreement 25%	Discount existing rate in underlying agreement 25%
Zone 2 - Suburban	2SLBX		Discount existing rate in underlying agreement 25%	Discount existing rate in underlying agreement 25%	Discount existing rate in underlying agreement 25%
Zone 3 - Urban	2SLBX		Discount existing rate in underlying agreement 25%	Discount existing rate in underlying agreement 25%	Discount existing rate in underlying agreement 25%

MERGER COMMITMENT AMENDMENTS	USOC		Monthly Rate	Nonrecurring Rate First	Nonrecurring Rate Additional
PSD#3B Capable Loop - Mid-band Symmetric Technology: 4-Wire Mid-Band Symmetric Technology					
Zone 1 - Rural	4SL1X		Discount existing rate in underlying agreement 25%	Discount existing rate in underlying agreement 25%	Discount existing rate in underlying agreement 25%
Zone 2 - Suburban	4SL1X		Discount existing rate in underlying agreement 25%	Discount existing rate in underlying agreement 25%	Discount existing rate in underlying agreement 25%
Zone 3 - Urban	4SL1X		Discount existing rate in underlying agreement 25%	Discount existing rate in underlying agreement 25%	Discount existing rate in underlying agreement 25%
PSD#4 Capable Loop - 2-Wire High-band Symmetric Technology					
Zone 1 - Rural	2SLDX		Discount existing rate in underlying agreement 25%	Discount existing rate in underlying agreement 25%	Discount existing rate in underlying agreement 25%
Zone 2 - Suburban	2SLDX		Discount existing rate in underlying agreement 25%	Discount existing rate in underlying agreement 25%	Discount existing rate in underlying agreement 25%
Zone 3 - Urban	2SLDX		Discount existing rate in underlying agreement 25%	Discount existing rate in underlying agreement 25%	Discount existing rate in underlying agreement 25%
PSD#5 Capable Loop - 2-Wire Asymmetrical Digital Subscriber Line Technology					
Zone 1 - Rural	U2F	*	$21.09	$8.48	$3.41
Zone 2 - Suburban	U2F	*	$7.13	$8.48	$3.41
Zone 3 - Urban	U2F	*	$5.25	$8.48	$3.41
PSD#6 2-Wire Very High-band Capable					

MERGER COMMITMENT AMENDMENTS	USOC		Monthly Rate	Nonrecurring Rate First	Nonrecurring Rate Additional
Zone 1 - Rural	2SLEX		Discount existing rate in underlying agreement 25%	Discount existing rate in underlying agreement 25%	Discount existing rate in underlying agreement 25%
Zone 2 - Suburban	2SLEX		Discount existing rate in underlying agreement 25%	Discount existing rate in underlying agreement 25%	Discount existing rate in underlying agreement 25%
Zone 3 - Urban	2SLEX		Discount existing rate in underlying agreement 25%	Discount existing rate in underlying agreement 25%	Discount existing rate in underlying agreement 25%
PSD#7 2-Wire Capable Loop - 2-Wire Short Reach Very High-band Symmetric Technology					
Zone 1 - Rural	2SLFX		Discount existing rate in underlying agreement 25%	Discount existing rate in underlying agreement 25%	Discount existing rate in underlying agreement 25%
Zone 2 - Suburban	2SLFX		Discount existing rate in underlying agreement 25%	Discount existing rate in underlying agreement 25%	Discount existing rate in underlying agreement 25%
Zone 3 - Urban	2SLFX		Discount existing rate in underlying agreement 25%	Discount existing rate in underlying agreement 25%	Discount existing rate in underlying agreement 25%
UNE-P Promotion					
Network Component	R2RLP	*	NA	$51.15	$17.10
Analog Line Port					
Zone 1 - Rural	RBQ		Uses existing rate in underlying agreement, if none, use generic rate	Uses existing rate in underlying agreement, if none, use generic rate	Uses existing rate in underlying agreement, if none, use generic rate
Zone 2 - Suburban	RBQ		Uses existing rate in underlying agreement, if none, use generic rate	Uses existing rate in underlying agreement, if none, use generic rate	Uses existing rate in underlying agreement, if none, use generic rate
Zone 3 - Urban	RBQ		Uses existing rate in underlying agreement, if none, use generic rate	Uses existing rate in underlying agreement, if none, use generic rate	Uses existing rate in underlying agreement, if none, use generic rate

Arkansas
Merger Commitment Amendments

MERGER COMMITMENT AMENDMENTS	USOC		Monthly Rate	Nonrecurring Rate First	Nonrecurring Rate Additional
2-Wire Analog Loop					
Zone 1 - Rural	RB9		Uses existing rate in underlying agreement, if none, use generic rate	Uses existing rate in underlying agreement, if none, use generic rate	Uses existing rate in underlying agreement, if none, use generic rate
Zone 2 - Suburban	RB9		Uses existing rate in underlying agreement, if none, use generic rate	Uses existing rate in underlying agreement, if none, use generic rate	Uses existing rate in underlying agreement, if none, use generic rate
Zone 3 - Urban	RB9		Uses existing rate in underlying agreement, if none, use generic rate	Uses existing rate in underlying agreement, if none, use generic rate	Uses existing rate in underlying agreement, if none, use generic rate
2-Wire cross-connect from analog loop to switch port	UDLX2		Uses existing rate in underlying agreement, if none, use generic rate	Uses existing rate in underlying agreement, if none, use generic rate	Uses existing rate in underlying agreement, if none, use generic rate

***These rates are subject to adjustment as set out in the Conditions for FCC Order Approving SBC/Ameritech Merger, CC Docket No. 98-141 (FCC Merger Conditions).**