



EMBARQ™

Embarq Corporation
240 N. 3rd Street, Suite 201
Harrisburg, PA 17101
EMBARQ.com

Voice | Data | Internet | Wireless | Entertainment

June 28, 2006

VIA HAND DELIVERY

Mr. James J. McNulty, Secretary
Pennsylvania Public Utility Commission
Commonwealth Keystone Building
400 North Street
Harrisburg, PA 17120

Re: Joint Application for Approval of an Master Interconnection & Collocation Agreement between The United Telephone Company of Pennsylvania d/b/a Embarq and Comcast Business Communications, LLC d/b/a Comcast Long Distance - Docket No. A-310190

Dear Secretary McNulty:

The United Telephone Company of Pennsylvania d/b/a Embarq ("Embarq") submits this Letter for Approval and Filing of the attached, executed, true and correct Master Interconnection & Collocation Agreement ("Agreement") between Sprint and Comcast Business Communications, LLC d/b/a Comcast Long Distance ("Comcast").

A copy of this letter and the attached Agreement are simultaneously served via first class mail upon persons listed as proper recipients of notices to and on behalf of Comcast. If you have any questions, please call me.

Sincerely,

Sue Benedek

ZEB/jh
Enclosures

cc: Beth Choroser (w/enclosures) (on behalf of Comcast)
Kathryn Feeney (w/enclosures) (on behalf of Embarq)
Bobbi Lathrop (w/enclosures) (on behalf of OSA)
John Sullivan (w/enclosure) (on behalf of Comcast)

Zsuzsanna E. Benedek
SENIOR COUNSEL
E-MAIL: SUE.E.BENEDEK@EMBARQ.COM
Voice: (717) 245-6346
Fax: (717) 236-1389

**INTERCONNECTION and COLLOCATION AGREEMENT
FOR THE STATE OF PENNSYLVANIA**

BETWEEN

Comcast Business Communications, LLC dba Comcast Long Distance

AND

The United Telephone Company of Pennsylvania dba Embarq

Effective: May 17, 2006

INTERCONNECTION and COLLOCATION AGREEMENT

This Interconnection and Collocation Agreement ("Agreement") is entered into by between Comcast Business Communications, LLC ("CLEC"), and The United Telephone Company of Pennsylvania ("Embarq"), herein collectively, "the Parties," to establish the rates, terms and conditions for local interconnection, local resale and purchase of unbundled network elements for the State of Pennsylvania.

NOW THEREFORE, the Parties agree as follows:

1. CONDITIONS

- 1.1 The Parties agree that the Agreement between the Parties shall consist of the Master Interconnection and Collocation Agreement for the State of Pennsylvania entered into by and between The United Telephone Company of Pennsylvania and Comcast Phone of Pennsylvania, LLC dated May 5, 2005 ("Adopted Agreement"), and amendments as noted herein.
- 1.2 The Parties agree that this Agreement shall supersede and replace in full any and all prior agreements, written and oral, between CLEC and Embarq pertaining to the subject matter hereof.

2. TERM

- 2.1 This Agreement shall be in force and become effective April 3, 2006.
- 2.2 This Agreement shall have a termination date of May 4, 2007 which corresponds with the termination date of the Adopted Agreement.

3. PARTIES

- 3.1 Comcast Business Communications, LLC is hereby substituted in the Adopted Agreement for Comcast Phone of Pennsylvania, LLC. Embarq shall remain as the other Party to the Agreement.

4. GENERAL

- 4.1 Other than as set forth herein, the Adopted Agreement remains unchanged and in full force and effect. In the event of a conflict between the terms of the Adopted Agreement and this Agreement, this Agreement will control.
- 4.2 This Agreement, executed by authorized representatives of Embarq and CLEC, is made a part of and incorporates the terms and conditions of this Agreement and the Adopted Agreement.

5. NOTICES:

5.1 Except as otherwise provided, all notices and communication hereunder shall be deemed to have been duly given when made in writing and delivered in person or deposited in the U.S. mail, certified, postage paid, return receipt requested, addressed as follows:

To CLEC:

Mr. John Sullivan
Vice President & Chief Counsel, Telephony
1500 Market Street
Philadelphia, PA 19102

with copy to:

Beth Choroser
Senior Director -- Regulatory Compliance and Implementation
1500 Market Street
Philadelphia, PA 19102

To Embarq:

Director -- CLEC Management
Mailstop: KSOPKB0401
9300 Metcalf
Overland Park, Kansas 66212

IN WITNESS WHEREOF, Embarq and CLEC have caused this Agreement to be executed by its duly authorized representatives.

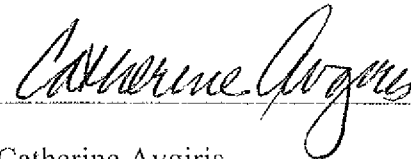
Embarq

CLEC

By:



By:



Name:

William E. Cheek

Name:

Catherine Avgiris

Title:

President, Wholesale Markets

Title:

Senior Vice President

Date:

6/12/06

Date:



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**MASTER INTERCONNECTION AND COLLOCATION AGREEMENT
FOR THE STATE OF PENNSYLVANIA**

May 5, 2005

Comcast Phone of Pennsylvania, LLC. d/b/a Comcast Digital Phone

and

The United Telephone Company of Pennsylvania

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Table One

Table Two

Exhibit A

INTERCONNECTION AND COLLOCATION AGREEMENT

This Interconnection and Collocation Agreement (the "Agreement"), dated this 5th day of May, 2005, is entered into by and between Comcast Phone of Pennsylvania, LLC. d/b/a Comcast Digital Phone, a Delaware Limited liability Company, ("CLEC"), and The United Telephone Company of Pennsylvania, a Pennsylvania corporation ("Sprint"), to establish the rates, terms and conditions for local interconnection, and purchase of unbundled network elements (individually referred to as the "service" or collectively as the "services").

WHEREAS, the Parties wish to interconnect their local exchange networks for the purposes of transmission and termination of calls, so that customers of each can receive calls that originate on the other's network and place calls that terminate on the other's network, and for CLEC's use in the provision of exchange access ("Local Interconnection"); and

WHEREAS, CLEC wishes to purchase Telecommunications Services for use in providing services to others, and Sprint is willing to provide these services; and

WHEREAS, CLEC wishes to purchase unbundled network elements, ancillary services and functions and additional features ("Network Elements") for the provision of its Telecommunications Services to others, and Sprint is willing to provide unbundled network elements and services; and

WHEREAS, the Parties intend the rates, terms and conditions of this Agreement, and their performance of obligations thereunder, to comply with the Communications Act of 1934, as amended (the "Act"), the Rules and Regulations of the Federal Communications Commission ("FCC"), and the orders, rules and regulations of the Commission; and

WHEREAS, the parties wish to replace any and all other prior agreements, written and oral, applicable to the state of Pennsylvania; and

Now, therefore, in consideration of the terms and conditions contained in this Agreement, CLEC and Sprint hereby mutually agree as follows:

PART A - DEFINITIONS

1. DEFINED TERMS

- 1.1. Capitalized terms defined in this Section shall have the meanings as set forth in this Agreement . Other terms used but not defined herein will have the meanings ascribed to them in the Act or in the Rules and Regulations of the FCC or the Commission The Parties acknowledge that other terms appear in this Agreement, which are not defined or ascribed as stated above. The parties agree that any such terms shall be construed in accordance with their customary usage in the telecommunications industry as of the Effective Date of this Agreement
- 1.2. "911 Service" means a universal telephone number which gives the public direct access to the Public Safety Answering Point (PSAP). Basic 911 service collects 911 calls from one or more local exchange switches that serve a geographic area. The calls are then sent to the correct authority designated to receive such calls.
- 1.3. "Access Services" refers to interstate and intrastate switched access and private line transport services.
- 1.4. "Access Service Request (ASR)" means the industry standard forms and supporting documentation used for ordering Access Services. The ASR may be used to order trunking and facilities between CLEC and Sprint for Local Interconnection.
- 1.5. "Act" means the Communications Act of 1934, as amended.
- 1.6. "Affiliate" is as defined in the Act.
- 1.7. "Augment" refers to a modification (increase/addition or decrease/reduction) to an existing collocation arrangement. Examples include changes to the space, cage, power, cross-connect cabling, conduit, vault, riser, or cabling associated with the collocation arrangement.
- 1.8. "Automated Message Accounting (AMA)" is the structure inherent in switch technology that initially records telecommunication message information. AMA format is contained in the Automated Message Accounting document, published by Telcordia as GR-1100-CORE which defines the industry standard for message recording.
- 1.9. "Automatic Location Identification (ALI)" is a feature that provides the caller's telephone number, address and the names of the Emergency Response agencies that are responsible for that address.
- 1.10. "Automatic Location Identification/Data Management System" ("ALI/DMS") means the emergency service ("E911/911") database containing subscriber location information (including name, address, telephone number, and sometimes special information from the local service provider) used to determine to which Public Safety Answering Point ("PSAP") to route the call.
- 1.11. "Automatic Number Identification" ("ANI") is a feature that identifies and displays the number of a telephone line that originates a call.
- 1.12. "Automatic Route Selection" ("ARS") is 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.

- 1.13. "ATU - C" refers to an ADSL Transmission Unit - Central Office.
- 1.14. "Busy Line Verify/Busy Line Verify Interrupt" ("BLV/BLVT") means an operator call in which the caller inquires as to the busy status of, or requests an interruption of a call on another subscriber's telephone line.
- 1.15. "Business Day(s)" means the days of the week excluding Saturdays, Sundays, and all Sprint holidays.
- 1.16. "Business Line" is a Sprint-owned switched access line used to serve a business customer, whether by Sprint or by a competitive LEC that leases the line from Sprint. The number of business lines in a Wire Center shall equal the sum of all Sprint business switched access lines, plus the sum of all UNE loops connected to that Wire Center, including UNE loops provisioned in combination with other unbundled elements. Among these requirements, business line tallies (1) shall include only those access lines connecting end-user customers with Sprint end-offices for switched services, (2) shall not include non-switched special access lines, (3) shall account for ISDN and other digital access lines by counting each 64 kbps-equivalent as one line. For example, a DS1 line corresponds to 24 64 kbps-equivalents, and therefore to 24 "business lines."

- 1.17. "Cable Vault" shall mean a location in a Premises where facilities enter the Premises from the Outside Cable Duct and access the Inner Duct for distribution within the Premises.
- 1.18. "Carrier Access Billing System" ("CABS") is the system which is defined in a document prepared under the direction of the Billing Committee of the OBF. The CABS document is published by Telcordia in Volumes 1, 1A, 2, 3, 3A, 4 and 5 as Special Reports SR-OPT-001868, SR-OPT-0011869, SR-OPT-001871, SR-OPT-001872, SR-OPT-001873, SR-OPT-001874, and SR-OPT-001875, respectively, and contains the recommended guidelines for the billing of access and other connectivity services. Sprint's carrier access billing system is its Carrier Access Support System (CASS). CASS mirrors the requirements of CABS.
- 1.19. "Central Office Building" or "Building" shall mean a structure (not including a controlled environment vault ("CEV")) housing Sprint equipment that is under the control of Sprint and for which Sprint has the right to grant access and/or occupation by third parties.
- 1.20. "Central Office Switches" - are switching facilities within the public switched telecommunications network, including, but not limited to:
- 1.21. "End Office Switches" ("EOs") are switches from which end user Telephone Exchange Services are directly connected and offered.
- 1.21.1. "Tandem Switches" are switches that are used to connect and switch trunk circuits between and among Central Office Switches.
- 1.21.2. "Remote Switches" are switches that are away from their host or control office. All or most of the central control equipment for the remote switch is located at the host or control office.
- 1.22. "Centrex" means a Telecommunications Service associated with a specific grouping of lines that uses central office switching equipment for call routing to handle direct dialing of calls, and to provide numerous private branch exchange-like features.
- 1.23. "CLASS/LASS" (Telcordia Service Mark) refers to service features that utilize the capability to forward a calling party's number between end offices as part of call setup. Features include Automatic Callback, Automatic Recall, Caller ID, Call Trace, and Distinctive Ringing.
- 1.24. "Collocation Arrangement" refers to a single, specific provision of Collocation in a particular Premises, not limited to a cage enclosing CLEC's equipment within the Premises.
- 1.25. "Collocation Space" shall mean an area of space located in a Building to be used by CLEC to house telecommunications equipment. Additionally, roof or wall space used for wireless interconnection shall be included in the definition where applicable.
- 1.26. "Commingling" means the act of Commingling.
- 1.27. "Commingling" means the connecting, attaching, or otherwise linking of an unbundled network element, or a combination of unbundled network elements, to

one or more facilities or services that CLEC has obtained at wholesale from Sprint or the combining of an unbundled network element, or a combination of unbundled network elements with one or more such facilities or services.

- 1.28. "Commission" means the Pennsylvania Public Utility Commission.
- 1.29. "Common Channel Signaling" ("CCS") is a method of digitally transmitting call set-up and network control data over a digital signaling network fully separate from the public switched telephone network that carries the actual call.
- 1.30. "Common Transport" provides a local interoffice transmission path between the Sprint Tandem Switch and a Sprint or CLEC end office switch. Common Transport is shared between multiple customers and is required to be switched at the Tandem Switch.
- 1.31. "Confidential and/or Proprietary Information" has the meaning set forth in Section 14 of Part A - General Terms and Conditions.
- 1.32. "Controlled Environment Vault" ("CEV") shall mean a below ground room other than a Central Office Building which is controlled by Sprint and which is suitable for collocation of telecommunications equipment under controlled temperature and humidity.
- 1.33. "Control Office" is an exchange carrier center or office designated as the Party's single point of contact for the provisioning and maintenance of its portion of local interconnection arrangements.
- 1.34. "Copper Loop" is a stand-alone local loop comprised entirely of copper wire or cable. Copper Loops include two-wire and four-wire analog voice-grade copper Loops, digital copper Loops (e.g., DS0s and integrated services digital network lines), as well as two-wire and four-wire copper Loops conditioned to transmit the digital signals needed to provide digital subscriber line services, regardless of whether the copper Loops are in service or held as spares. The copper Loop includes attached electronics using time division multiplexing technology, but does not include packet switching capabilities "Custom Calling Features" means a set of Telecommunications Service features available to residential and single-line business customers including call-waiting, call-forwarding and three-party calling.
- 1.35. "Customer Proprietary Network Information" ("CPNI") is as defined in the Act.
- 1.36. "Database Management System" ("DBMS") is a computer process used to store, sort, manipulate and update the data required to provide selective routing and ALI.
- 1.37. "Day" means calendar days unless otherwise specified.
- 1.38. "Dedicated Transport" includes Sprint transmission facilities between Wire Centers or switches owned by Sprint, or between Wire Centers or switches owned by Sprint and switches owned by CLEC, including, but not limited to, DS1-, DS3-, and OCn-capacity level services, as well as dark fiber, dedicated to a particular customer or carrier.

- 1.39. "Demarcation Point" is that point (e.g. Network Interface Device) on the loop where Sprint's control of the facility ceases, and the End User Customer's control of the facility begins.
- 1.40. "Digital Subscriber Line Access Multiplexer" ("DSLAM") is equipment that links end-user xDSL connections to a single high-speed packet switch, typically ATM or IP.
- 1.41. "Directory Assistance Database" refers to any subscriber record used by Sprint in its provision of live or automated operator-assisted directory assistance including but not limited to 411, 555-1212, NPA-555-1212.
- 1.42. "Directory Assistance Services" provides listings to callers. Directory Assistance Services may include the option to complete the call at the caller's direction.
- 1.43. "DS1 Loop" is a digital local Loop having a total digital signal speed of 1.544 megabytes per second. DS1 Loops include, but are not limited to, two-wire and four-wire copper Loops capable of providing high-bit rate digital subscriber line services, including T1 services.
- 1.44. "DS3 Loop" is a digital local Loop having a total digital signal speed of 44.736 megabytes per second.
- 1.45. "DSLAM" refers to a Digital Subscriber Line Access Multiplexer.
- 1.46. "Duct" is a single enclosed path to house facilities to provide Telecommunications Services.
- 1.47. "Effective Date" is the date referenced in the opening paragraph on page 1 of this Agreement, unless otherwise required by the Commission.
- 1.48. "Electronic Interface" means access to operations support systems consisting of preordering, ordering, provisioning, maintenance and repair and billing functions.
- 1.49. "Emergency Response Agency" is a governmental entity authorized to respond to requests from the public to meet emergencies.
- 1.50. "Emergency Service Number" ("ESN") is a number assigned to the ALI and selective routing databases for all subscriber telephone numbers. The ESN designates a unique combination of fire, police and emergency medical service response agencies that serve the address location of each in-service telephone number.
- 1.51. "Enhanced Extended Link" ("EEL") for purposes of this Agreement refers to the combination of unbundled network elements, specifically NID, Loop, multiplexing (MUX) if necessary and Dedicated Transport, in the Sprint Network.

- 1.52. "Exchange Message Interface System" ("EMI") is the Industry standard for exchanging telecommunications message information for billable, non-billable, sample settlement and study records. The EMI is published by ATIS (Alliance for Telecommunications Industry Solutions).
- 1.53. "End Date" is the date this Agreement terminates as referenced in 5.1.
- 1.54. "Enhanced 911 Service" ("E911") means a telephone communication service which will automatically route a call dialed "9-1-1" to a designated public safety answering point (PSAP) attendant and will provide to the attendant the calling party's telephone number and, when possible, the address from which the call is being placed and the Emergency Response agencies responsible for the location from which the call was dialed.
- 1.55. "FCC" means the Federal Communications Commission.
- 1.56. "Fiber-to-the-curb Loop" ("FTTC Loop") means a local loop consisting of fiber optic cable connecting to a copper distribution plant that is not more than 500 feet from the customer's premises or, in the case of predominantly residential MDUs, not more than 500 feet from the MDU's MPOE. The fiber optic cable in a fiber-to-the curb loop must connect to a copper distribution plant at a serving area interface from which every other copper distribution subloop also is not more than 500 feet from the respective customer's premises
- 1.57. "Fiber-based Collocator" means any carrier, unaffiliated with Sprint, that maintains a collocation arrangement in Sprint's wire center, with active electrical power supply, and operates a fiber-optic cable or comparable transmission facility that (1) terminates at a collocation arrangement within the Wire Center; (2) leaves Sprint's Wire Center premises; and (3) is owned by a party other than Sprint or any affiliate of Sprint, except as set forth in this definition. Dark fiber obtained from Sprint on an indefeasible right of use basis shall be treated as non-Sprint fiber-optic cable. Two or more affiliated fiber-based collocators in a single Wire Center shall collectively be counted as a single fiber-based collocator. For purposes of this definition, the term affiliate is defined by 47 U.S.C. § 153(1) and any relevant interpretation in the Act.
- 1.58. "Fiber-to-the-home Loop" ("FTTH Loop") means a local loop consisting entirely of fiber optic cable, whether dark or lit, and serving an end-user's customer premises or, in the case of predominantly residential multiple dwelling units (MDUs), a fiber optic cable, whether dark or lit, that extends to the multiunit premises' minimum point of entry (MPOE).
- 1.59. "Grandfathered Service" means service which is no longer available for new customers and is limited to the current customer at their current locations with certain provisioning limitations, including but not limited to upgrade denials, feature adds/changes and responsible/billing party.
- 1.60. "High Frequency Portion of the local Loop" ("HFPL") is defined as the frequency range above the voice band on a copper Loop facility that is being used to carry analog circuit-switched voice band transmissions provided by Sprint to the end-user customer.

- 1.61. "Hybrid Loop" means a Local Loop comprised of both fiber optic cable, usually in the feeder plant, and copper wire or cable usually in the distribution plant.
- 1.62. "Incumbent Local Exchange Carrier" ("ILEC") is as defined in the Act.
- 1.63. "Interexchange Carrier" ("IXC") means a provider of interexchange Telecommunications Services.
- 1.64. "Indirect Traffic" means traffic which is originated by one Party and terminated to the other Party in which a third party Telecommunications Carrier provides the intermediary transiting service. Indirect traffic does not require a physical direct trunk group between the Parties.
- 1.65. "ISP-Bound Traffic," for the purposes of this Agreement, is defined as traffic that is transmitted to an the Internet Service Provider (ISP) and shall be interpreted consistent with the FCC's Order on Remand and Report and Order, FCC 01-131, CC Dockets No. 96-98 and 99-68, adopted April 18, 2001. (ISP Remand Order).
- 1.66. "Inner Duct" or "Conduit" shall mean any passage or opening in, on, under, over or through the Sprint Central Office Building cable or conduit systems.
- 1.67. "Line Information Data Base" ("LIDB") means a Service Control Point (SCP) database that provides for such functions as calling card validation for telephone line number cards issued by Sprint and other entities and validation for collect and billed-to-third services.
- 1.68. "Live Load Capacity" as it relates to a CLEC's collocation space refers to the structural strength of the floor to support the weight of CLEC's property and equipment installed in the collocated space.
- 1.69. "Local Loop" refers to a transmission facility between the main distribution frame [cross-connect], or its equivalent, in a Sprint Central Office or wire center, and up to the demarcation point (e.g. Network Interface Device) at a customer's premises, to which CLEC is granted exclusive use. This includes all electronics, optronics, and intermediate devices (including repeaters and load coils) used to establish the transmission path to the customer premises. Local loops include copper loops, hybrid loops, DS1 loops, DS3 loops, FTTC Loops and FTTH Loops.
- 1.70. "Local Number Portability" ("LNP") means the ability of users of Telecommunications Services to retain, at the same Sprint served rate center, existing telecommunications numbers without impairment of quality, reliability, or convenience when switching from one telecommunications carrier to another.
- 1.71. "Local Service Request" ("LSR") means an industry standard form or a mutually agreed upon change thereof, used by the Parties to add, establish, change or disconnect local services.
- 1.72. "Local Traffic" for the purposes of this Agreement the Parties shall agree that "Local Traffic" means traffic (excluding CMRS traffic) that is originated and terminated within Sprint's local calling area, or mandatory extended area service (EAS) area, as defined by the Commission or, if not defined by the Commission, then as defined in existing Sprint tariffs. For this purpose, Local Traffic does not include any ISP-Bound Traffic.
- 1.73. service, including any commercial mobile radio service.

- 1.74. "Multiple Exchange Carrier Access Billing" ("MECAB") refers to the document "Mobile Wireless Service" means any mobile wireless telecommunications prepared by the Billing Committee of the ATIS Ordering and Billing Forum ("OBF"). The MECAB document contains the recommended guidelines for the billing of an access service provided to a customer by two or more providers or by one provider in two or more states within a single LATA.
- 1.75. "Multiple Exchange Carrier Ordering And Design" ("MECOD") refers to the guidelines for Access Services - Industry Support Interface, a document developed by the Ordering/Provisioning Committee under the auspices 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 MECOD document, published by Telcordia as Special Report SR STS-002643, establishes recommended guidelines for processing orders for access service which is to be provided by two or more telecommunications carriers.
- 1.76. "North American Numbering Plan" ("NANP") means the plan for the allocation of unique 10-digit directory numbers consisting of a three-digit area code, a three-digit office code, and a four-digit line number. The plan also extends to format variations, prefixes, and special code applications.
- 1.77. "National Emergency Number Association (NENA)" is an association with a mission to foster the technological advancement, availability and implementation of 911 nationwide.
- 1.78. "Network Element" as defined in the Act.
- 1.79. "Numbering Plan Area" ("NPA") (sometimes referred to as an area code) is the three-digit indicator which is designated by the first three digits of each 10-digit telephone number within the NANP. Each NPA contains 800 possible NXX Codes. There are two general categories of NPA, "Geographic NPAs" and "Non-Geographic NPAs." A "Geographic NPA" is associated with a defined geographic area, and all telephone numbers bearing such NPA are associated with services provided within that geographic area. A "Non-Geographic NPA," also known as a "Service Access Code (SAC Code)" is typically associated with a specialized telecommunications service which may be provided across multiple geographic NPA areas; 500, 800, 900, 700, and 888 are examples of Non-Geographic NPAs.
- 1.80. "NXX," "NXX Code," "NNX," "COC," "Central Office Code," or "CO Code" is the three-digit switch entity indicator which is defined by the fourth, fifth and sixth digits of a 10-digit telephone number within NANP.
- 1.81. "OBF" means the Ordering and Billing Forum, which functions under the auspices of the Carrier Liaison Committee (CLC) of the Alliance for Telecommunications Industry Solutions (ATIS).
- 1.82. "Operator Services" provides for:
 - 1.82.1. operator handling for call completion (e.g., collect calls);
 - 1.82.2. operator or automated assistance for billing after the subscriber has dialed the called number (e.g., credit card calls); and

- 1.82.3. special services (e.g., BLV/BLI, Emergency Agency Call).
- 1.83. "Outside Cable Duct" shall mean any space located outside the Central Office Building and owned by or under the control of Sprint through which Sprint runs its cable, conduit or other associated facilities.
- 1.84. "Parity" means, subject to the availability, development and implementation of necessary industry standard Electronic Interfaces, the provision by Sprint of services, Network Elements, functionality or telephone numbering resources under this Agreement to CLEC, including provisioning and repair, at least equal in quality to those offered to Sprint, its Affiliates or any other entity that obtains such services, Network Elements, functionality or telephone numbering resources. Until the implementation of necessary Electronic Interfaces, Sprint shall provide such services, Network Elements, functionality or telephone numbering resources on a non-discriminatory basis to CLEC as it provides to its Affiliates or any other entity that obtains such services, Network Elements, functionality or telephone numbering resources.
- 1.85. "P.01 Transmission Grade Of Service" ("GOS") means a trunk facility provisioning standard with the statistical probability of no more than one call in 100 blocked on initial attempt during the average busy hour.
- 1.86. "Parties" means, jointly, Sprint and CLEC, and no other entity, affiliate, subsidiary or assign.
- 1.87. "Party" means either Sprint or CLEC, and no other entity, affiliate, subsidiary or assign.
- 1.88. "Percent Local Usage" ("PLU") is a calculation which represents the ratio of the local minutes to the sum of local and intraLATA toll minutes between exchange carriers sent over Local Interconnection Trunks. Directory assistance, BLV/BLVI, 900, and 976 transiting calls from other exchange carriers and switched access calls are not included in the calculation of PLU.
- 1.89. "Physical Collocation" is as defined in 47 CFR 51.5.
- 1.90. "Point of Interconnection" ("POP") is the physical point that establishes the technical interface, the test point, and the operational responsibility hand-off between CLEC and Sprint for the local interconnection of their networks.
- 1.91. "Premises" is as defined in 47 C.F.R. 51.5.
- 1.92. "Pre-Order Loop Qualification" ("Loop Qualification") is an OSS function that includes supplying loop qualification information to CLECs as part of the Pre-ordering Process. Examples of the type of information provided are:
- 1.92.1. Composition of the loop material, i.e. fiber optics, copper;
 - 1.92.2. Existence, location and type of any electronic or other equipment on the loop, including but not limited to:
 - 1.92.2.1. Digital Loop Carrier ("DLC") or other remote concentration devices;

- 1.92.2.2. Feeder/distribution interfaces;
 - 1.92.2.3. Bridge taps;
 - 1.92.2.4. Load coils;
 - 1.92.2.5. Pair gain devices; or
 - 1.92.2.6. Disturbers in the same or adjacent binders.
- 1.92.3. Loop length which 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;
 - 1.92.4. Wire gauge or gauges; and
 - 1.92.5. Electrical parameters.
- 1.93. "Proprietary Information" shall have the same meaning as Confidential Information.
 - 1.94. "Rate Center" means the geographic point and corresponding geographic area which are associated with one or more particular NPA-NXX codes which have been assigned to Sprint or CLEC for its provision of Basic Exchange Telecommunications Services. The "rate center point" is the finite geographic point identified by a specific V&H (Vertical and Horizontal) coordinate, which is used to measure distance-sensitive end user traffic to/from the particular NPA-NXX designations associated with the specific Rate Center. The "rate center area" is the exclusive geographic area identified as the area within which Sprint or CLEC will provide Basic Exchange Telecommunications Services bearing the particular NPA-NXX designations associated with the specific Rate Center. The Rate Center point must be located within the Rate Center area.
 - 1.95. "Routing Point" means a location which Sprint or CLEC has designated on its own network as the homing (routing) point for traffic inbound to Basic Exchange Services provided by Sprint or CLEC which bear 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. Pursuant to Telcordia Practice BR 795-100-100, the Routing Point may be an "End Office" location, or a "LEC Consortium Point of Interconnection." Pursuant to that same Telcordia Practice, examples of the latter shall be designated by a common language location identifier (CLLI) code with (x)MD or X(x) in positions 9, 10, 11, where (x) may be any alphanumeric A-Z or 0-9. The above referenced Telcordia document refers to the Routing Point as the Rating Point. The Rating Point/Routing Point need not be the same as the Rate Center Point, nor must it be located within the Rate Center Area, but must be in the same LATA as the NPA-NXX.
 - 1.96. "Small Exchange Carrier Access Billing" ("Secab") means the document prepared by the Billing Committee of the OBF. The SECAB document, published by ATIS as Special Report SR OPT-001856, contains the recommended guidelines for the billing of access and other connectivity services.
 - 1.97. "Selective Routing" is a service which automatically routes an E911 call to the PSAP that has jurisdictional responsibility for the service address of the telephone

that dialed 911, irrespective of telephone company exchange or wire center boundaries.

- 1.98. "Signaling Transfer Point" ("STP") means a signaling point that performs message routing functions and provides information for the routing of messages between signaling points within or between CCIS networks. A STP transmits, receives and processes CCIS messages.
- 1.99. "Splitter" is a device that divides the data and voice signals concurrently moving across the loop, directing the voice traffic through copper tie cables to the switch and the data traffic through another pair of copper tie cables to multiplexing equipment for delivery to the packet-switched network. The Splitter may be directly integrated into the DSLAM equipment or may be externally mounted.
- 1.100. "Street Index Guide" ("SIG") is a database defining the geographic area of an E911 service. It includes an alphabetical list of the street names, high-low house number ranges, community names, and Emergency Service Numbers provided by the counties or their agents to Sprint.
- 1.101. "Switch" means a Central Office Switch as defined in this Part A.
- 1.102. "Synchronous Optical Network" ("SONET") is an optical interface standard that allows interworking of transmission products from multiple vendors (i.e., mid-span meets). The base rate is 51.84 MHps (OC-1/STS-1 and higher rates are direct multiples of the base rate up to 1.22 GHps).
- 1.103. "Tandem Office Switches," "Tandem," and "Tandem Switching" describe Class 4 switches which are used to connect and switch trunk circuits between and among end office switches and other tandems.
- 1.104. "Tariff" means a filing made at the state or federal level for the provision of a telecommunications service by a telecommunications carrier that provides for the terms, conditions and pricing of that service. Such filing may be required or voluntary and may or may not be specifically approved by the Commission or FCC.
- 1.105. "Technically Feasible" refers solely to technical or operational concerns, rather than economic, space, or site considerations.
- 1.106. "Tier 1" Wire Centers are those Sprint Wire Centers that contain at least four fiber-based collocators, at least 38,000 Business Lines, or both. Tier 1 Wire Centers also are those Sprint tandem switching locations that have no line-side switching facilities, but nevertheless serve as a point of traffic aggregation accessible by competitive LECs.
- 1.107. "Tier 2" Wire Centers are those Sprint Wire Centers that are not Tier 1 Wire Centers but contain at least 3 fiber-based collocators, at least 24,000 business lines, or both.

- 1.108. "Tier 3" Wire Centers are those Sprint Wire Centers that are not Tier 1 or Tier 2 Wire Centers.
- 1.109. "Telecommunications" is as defined in the Act.
- 1.110. "Telecommunications Carrier" is as defined in the Act.
- 1.111. "Telecommunications Service" is as defined in the Act.
- 1.112. "Transit Service" means the delivery of Transit Traffic.
- 1.113. "Transit Traffic" means Local Traffic or ISP-Bound Traffic originated on one Party's network, transited through the other Party's network, and terminated to a third party Telecommunications Carrier's network or that is originated on a third party Telecommunications Carrier's network, transited through a Party's network, and terminated to the other Party's network.
- 1.114. "Virtual Collocation" is as defined in 47 C.F.R. 51.5.
- 1.115. "Wholesale Service" means Telecommunication Services that Sprint provides at retail to subscribers who are not telecommunications carriers as set forth in 47 USC § 251(c)(4) which Sprint provides to resellers at a wholesale rate.
- 1.116. "Wire Center" is the location of an incumbent LEC local switching facility containing one or more central offices, as defined in part 36 of the Code of Federal Regulations. The wire center boundaries define the area in which all customers served by a given wire center are located.
- 1.117. "xDSL" refers to a generic term for a series of high speed transmission protocols, equipment, and services designed to operate over copper wire. This series includes but is not limited to ADSL, VDSL, SDSL, and others.

PART B – GENERAL TERMS AND CONDITIONS

2. SCOPE OF THIS AGREEMENT

2.1. This Agreement, including Parts A through K, specifies the rights and obligations of each party with respect to the establishment, purchase, and sale of Local Interconnection and Unbundled Network Elements. Certain terms used in this Agreement shall have the meanings defined in PART A -- DEFINITIONS, or as otherwise elsewhere defined throughout this Agreement. Other terms used but not defined in this Agreement will have the meanings ascribed to them in the Act, in the FCC's, and in the Commission's Rules and Regulations. PART B sets forth the general terms and conditions governing this Agreement. The remaining Parts set forth, among other things, descriptions of the services, pricing, technical and business requirements, and physical and network security requirements.

3. NETWORK CHANGES

3.1. Sprint shall provide notice of network changes and upgrades in accordance with the Act or Commission Rules and Sections 51.325 through 51.335 of Title 47 of the Code of Federal Regulations. To the extent permitted by Applicable Law, Sprint may discontinue any interconnection arrangement, Telecommunications Service, or Network Element provided or required hereunder due to network changes or upgrades after providing CLEC notice as required by this Section Sprint agrees to cooperate with CLEC and/or the appropriate regulatory body in any transition resulting from such discontinuation of service and to minimize the impact to customers, which may result from such discontinuance of service.

4. REGULATORY APPROVALS

4.1. This Agreement, and any amendment or modification hereof, will be submitted to the Commission for approval in accordance with § 252 of the Act within thirty (30) Days after obtaining the last required Agreement signature. Sprint and CLEC shall use their best efforts to obtain approval of this Agreement by any regulatory body having jurisdiction over this Agreement. In the event any governmental authority or agency rejects any provision hereof, the Parties shall negotiate promptly and in good faith such revisions as may reasonably be required to achieve approval. Upon

execution of this contract and mutual agreement by the Parties, CLEC and Sprint may proceed with planning and implementation for interconnection. If although, this agreement does not receive required commission approval, CLEC will be required to reimburse Sprint for all reasonable expenses resulting from interconnection implementation.

4.2. The Parties acknowledge that the respective rights and obligations of each Party as set forth in this Agreement are based on the texts of the Act and the orders, rules and regulations promulgated thereunder by the FCC and the Commission as of the Effective Date ("Applicable Rules"). In the event of any amendment of the Act, any effective legislative action or any effective regulatory or judicial order, rule, regulation, arbitration award, dispute resolution procedures under this Agreement or other legal action purporting to apply the provisions of the Act to the Parties or in which the court, FCC or the Commission makes a generic determination that is generally applicable which revises, modifies or reverses the Applicable Rules (individually and collectively, "Amended Rules"), either Party may, by providing written notice to the other Party, require that the affected provisions of this Agreement be renegotiated in good faith and this Agreement shall be amended accordingly within sixty (60) days of the date of the notice to reflect the pricing, terms and conditions of each such Amended Rules relating to any of the provisions in this Agreement.

4.3. Notwithstanding any other provision of this Agreement to the contrary Section 4.2 hereof shall control. Any rates, terms or conditions thus developed or modified shall be substituted in place of those previously in effect and shall be effective under this Agreement as of the effective date established by the Amended Rules, whether such action was commenced before or after the Effective Date of this Agreement. Should the Parties be unable to reach agreement with respect to the applicability of such order or the resulting appropriate modifications to this Agreement, either party may invoke the Dispute Resolution provisions of this Agreement, it being the intent of the parties that this Agreement shall be brought into conformity with the then current obligations under the Act as determined by the amended rules Sprint may charge rates to CLEC under this Agreement that are approved by the Commission in a generic cost proceeding, whether such action was commenced before or after the Effective Date of this

Agreement, as of the effective date of the Commission decision.

5. TERM AND TERMINATION

- 5.1. This Agreement shall be deemed effective upon the Effective Date first stated above, and continue for a period of two (2) years until May 4, 2007 ("End Date"), unless earlier terminated in accordance with this Section, provided however that if CLEC has any undisputed, outstanding past due obligations to Sprint resulting from interconnection services, facilities or UNEs provided under an interconnection agreement negotiated in accordance with the ACT as amended, this Agreement will not be effective until such time as any such past due obligations with Sprint are paid in full. This agreement shall become binding upon execution by the Parties. No order or request for services under this Agreement shall be processed before CLEC has established a customer account with Sprint and has completed the Implementation Plan described in this Agreement.

- 5.2. In the event of either Party's material breach of any of the terms or conditions hereof, including the failure to make any undisputed payment when due, the non-defaulting Party, at its sole option, may immediately terminate this Agreement in whole or in part provided that the non-defaulting Party so advises the defaulting Party in writing of the event of the alleged default and the defaulting Party does not remedy the alleged default within sixty (60) Days after written notice thereof unless the Parties mutually agree on an extension of time to cure." The non-defaulting Party shall be entitled to pursue all available legal and equitable remedies for such breach.
- 5.3. Sprint may terminate this Agreement upon thirty (30) Days notice if CLEC is not exchanging traffic with Sprint or has not submitted orders pursuant to this Agreement within one-hundred-eighty (180) Days of the Effective Date. In addition, Sprint reserves the right to terminate this Agreement immediately upon notice from or verification by the CLEC that it has ceased doing business in this state. In addition to notice from CLEC, Sprint may utilize any published public information available from the commission, FCC or court having jurisdiction, in concluding that CLEC is no longer doing business in this state, and immediately terminate this Agreement.
- 5.4. Termination of this Agreement for any cause shall not release either Party from any liability which at the time of termination has already accrued to the other Party or which thereafter may accrue in respect to any act or omission prior to termination or from any obligation which is expressly stated in this Agreement to survive termination.
- 5.5. Notwithstanding the above, should Sprint sell or trade substantially all the assets in an exchange or group of exchanges that Sprint uses to provide Telecommunications Services, then Sprint may terminate this Agreement in whole in part as to that particular exchange or group of exchanges upon ninety (90) Days prior written notice. But in any event, Sprint shall make reasonable efforts to assist CLEC in a reasonably seamless transition to the acquiring provider. The Parties agree to abide by any applicable Commission Order.

6. POST EXPIRATION INTERIM SERVICE ARRANGEMENTS

- 6.1. No later than one hundred sixty (160) Days prior to the End Date, CLEC will provide Sprint notice to commence

negotiations pursuant to Sections 251 and 252 of the Act for terms, conditions and rates for a successor agreement to be effective on or before the End Date.

6.2. In the event that this Agreement expires under Section 5.1, and the Parties have not executed a successor agreement at the time of expiration and CLEC has notified Sprint in accordance with Section 6.1 of its intent to commence negotiations, provided the Parties are actually in arbitration or mediation before the Commission or FCC under Section 252 of the ACT or the Parties have mutually agreed, in writing, to continue negotiations on the successor agreement, Sprint will continue to provide the types of services pursuant to the rates, terms and conditions of this Agreement which have been ordered by CLEC prior to the End Date, except in the case of termination as a result of the events under Sections 5.2, 5.3, 5.4 and 5.5 only until the earlier of (i) the Parties execution of a successor agreement, or (ii) the issuance of an order, whether or not a final non-appealable order, by the Commission or FCC, approving an agreement resulting from the resolution of the issues set forth in such arbitration or mediation request.

6.3. In the event this Agreement expires under Section 5.1 and the Parties have not executed a successor agreement at the time of the expiration and Section 6.2 does not apply, Sprint will continue to provide services pursuant to one of the following:

6.3.1. Such standard terms and conditions or tariffs approved by and made generally available by the Commission, if they exist as of the End Date; or

6.3.2. An existing agreement between Sprint and another carrier adopted by CLEC for the remaining term of that agreement. If CLEC fails to designate an agreement under this subsection within ten (10) business days prior to the End Date after notice is given as described in Sec.20, CLEC agrees to operate under Sprint's standard terms and conditions for up to six months. If parties have not fully executed a new agreement within six months, Sprint may discontinue all services.

7. CHARGES AND PAYMENT

7.1. In consideration of the services provided by Sprint under this Agreement, CLEC shall pay the charges set forth in Part

C subject to the provisions of Section 4 hereof. The billing and payment procedures for charges incurred by CLEC hereunder are set forth in Part I

- 7.2. Subject to the terms of this Agreement, the Parties shall pay undisputed invoices by the due date shown on the invoice, but no sooner than thirty (30) Days from the bill date. For invoices not paid when due, late payment charges will be assessed under Section 7.7. If the payment due date is a Saturday, Sunday or a designated bank holiday, payment shall be made the next business day. If an invoice is not paid within sixty (60) Days after the bill date, Sprint will suspend processing new orders and cancel any pending orders.
- 7.3. If the account remains delinquent ninety (90) Days after the bill date, Sprint will terminate all services under this Agreement.
- 7.4. In a case of delinquency, Sprint shall provide notice to CLEC as indicated in Sec. 20, Notices, as well as to the normal billing address.
- 7.5. Billed amounts for which written, itemized disputes or claims have been filed are not due for payment until such disputes or claims have been resolved in accordance with the provisions governing dispute resolution of this Agreement. Itemized, written disputes must be filed with Sprint's National Dispute Center, or appropriate equivalent center no later than due date, as defined above in 7.2, of the related invoice. A copy of the dispute must be sent with the remittance of the remainder of the invoice.
- 7.6. Itemized, written disputes must be filed with CLEC no later than the due date of the related invoice, but no sooner than thirty (30) Days from the bill date. A copy of the dispute must be sent with the remittance of the remainder of the invoice and to the following address: Comcast, John Blimmel, 183 Inverness Drive West, Englewood, CO 80112
- 7.7. Sprint will assess late payment charges to CLEC until the amount due is paid in full. Such late payment charges will be calculated using a rate equal to the lesser of: the total amount due times the highest rate (in decimal value) which

may be levied by law for commercial transactions, compounded daily for the number of days from the payment date to and including the date the customer actually makes the payment to the invoicing Party, or

- 7.8. the total amount due multiplied by a factor of 0.000329 times the number of days which occurred between the payment due date and (including) the date CLEC actually makes the payment to Sprint.
- 7.9. CLEC will assess late payment charges to Sprint equal to the lesser of one and one-half percent (1.5%) per month or the maximum rate allowed by law for commercial transactions, of the balance due, until the amount due is paid in full.
- 7.10. Sprint reserves the right to secure the account with a suitable form of security deposit in accordance with Section 35.6.
- 7.11. Neither Party shall be required to pay back-billed charges beyond 9 months, except as otherwise provided by law

8. AUDITS AND EXAMINATIONS

- 8.1. Each Party to this Agreement will be responsible for the accuracy and quality of its data as submitted to the other Party involved. Subject to each Party's reasonable security requirements and except as may be otherwise specifically provided in this Agreement, either Party, at its own expense, may audit the other Party's books, records and other documents directly related to billing and invoicing once in any twelve (12) month period for the purpose of evaluating the accuracy of the other Party's billing and invoicing. "Audit" shall mean a comprehensive review of bills for services performed under this Agreement; "Examination" shall mean an inquiry into a specific element of or process related to bills for services performed under this Agreement. Either party (the "Requesting Party") may perform one (1) Audit per twelve (12) month period commencing with the Effective Date, with the assistance of the other Party, which will not be unreasonably withheld. The Audit period will include no more than the preceding twelve (12) month period as of the date of the Audit request. The Requesting Party may perform Examinations, as it deems necessary, with the assistance of the other Party, which will not be unreasonably withheld.
- 8.2. Upon thirty (30) Days written notice by the Requesting

Party to Audited Party, Requesting Party shall have the right through its authorized representative to make an Audit, during normal business hours, of any records, accounts and processes which contain information bearing upon the billing and invoicing of the services provided under this Agreement. Within the above-described thirty (30) Day period, the Parties shall reasonably agree upon a reasonable scope of the Audit or Examination, the documents and processes to be reviewed, and the time, place and manner in which the Audit or Examination shall be performed. Audited Party agrees to provide Audit or Examination support, including appropriate access to and use of Audited Party's facilities (e.g.: conference rooms, telephones, copying machines).

- 8.3. Each party shall bear its own expenses in connection with the conduct of the Audit or Examination. The reasonable cost of special data extraction required by the Requesting Party to conduct the Audit or Examination will be paid for by the Requesting Party. For purposes of this Section 8.3, a "Special Data Extraction" shall mean the creation of an output record or informational report (from existing data files) that is not created in the normal course of business. If any program is developed to Requesting Party's specifications and at Requesting Party's expense, Requesting Party shall specify at the time of request whether the program is to be retained by Audited party for reuse for any subsequent Audit or Examination.
- 8.4. Adjustments based on the audit findings may be applied to the twelve (12) month period included in the audit. Adjustments, credits or payments shall be made and any corrective action shall commence within thirty (30) Days from the requesting Party's receipt of the final audit report to compensate for any errors or omissions which are disclosed by such Audit or Examination and are agreed to by the Parties. Interest shall be calculated in accordance with Section 7.7 above.
- 8.5. Neither such right to examine and audit nor the right to receive an adjustment shall be affected by any statement to the contrary appearing on checks or otherwise, unless such statement expressly waiving such right appears in writing, is signed by the authorized representative of the party having such right and is delivered to the other party in a manner sanctioned by this Agreement.
- 8.6. This Section shall survive expiration or termination of this

Agreement for a period of one (1) year after expiration or termination of this Agreement.

9. INTELLECTUAL PROPERTY RIGHTS

- 9.1. Any intellectual property which originates from or is developed by a Party shall remain in the exclusive ownership of that Party. Intellectual property includes, without limitation, patent, copyright, trade mark, trade secrets, and other proprietary rights. Each Party grants to the other party a limited license to its intellectual property solely to the extent necessary for the use of any facility or equipment (including software) or for the receipt of services as provided under this Agreement. Except for such limited license to use its intellectual property, no license in patent, copyright, trademark or trade secret, or other proprietary or intellectual property right now or hereafter owned, controlled or licensable by a Party, is granted to the other Party or shall be implied or arise by estoppel.
- 9.2. CLEC acknowledges that its right under this Agreement for Local Interconnection with Sprint's network and to unbundled and/or combine Sprint's Network Elements may be subject to or limited by intellectual property rights and contract rights of third parties. Sprint agrees to use its best efforts to obtain for CLEC, third party intellectual property rights, under commercially reasonable terms, to each unbundled network element necessary for CLEC to use such unbundled network element in the same manner as Sprint.
- 9.3. Except as otherwise provided in this Section 9, neither Party shall have any obligation to indemnify or hold harmless, acquire any license or right for the benefit of, or owe any other obligation or the other Party.
- 9.4. Sprint shall have no obligations to attempt to obtain for CLEC any third party intellectual property right(s) that would permit CLEC to use any unbundled network element in a different manner than used by Sprint.
- 9.5. To the extent not prohibited by a contract with the vendor of the network element sought by CLEC that contains intellectual property licenses, Sprint shall reveal to CLEC the name of the vendor, the intellectual property rights licensed to Sprint under the vendor contract and the terms of the contract (excluding cost terms). Sprint shall, at CLEC's request, contact the vendor to attempt to obtain permission to reveal additional contract details to CLEC.

- 9.6. All costs associated with the extension of third party intellectual property rights to CLEC pursuant to Section 9.3, including the cost of the license extension itself and the costs associated with the effort to obtain the license, shall be part of the cost of providing the unbundled network element to which the intellectual property rights relate and apportioned to all requesting CLECs using that unbundled network element including Sprint. Except as otherwise identified in this Section, Sprint hereby conveys no licenses to use such third party intellectual property rights and makes no warranties, express or implied, concerning CLEC's rights with respect to such third party intellectual property rights and contract rights, including whether such rights will be violated by such Local Interconnection or unbundling and/or combining of Network Elements (including combining with CLEC's use of other functions, facilities, products or services furnished under this Agreement). Any licenses or warranties for intellectual property rights associated with unbundled network elements are vendor licenses and warranties and are a part of the third party intellectual property rights Sprint agrees in Section 9.3 to use its best efforts to obtain.

10. LIMITATION OF LIABILITY

- 10.1. Except as otherwise set forth in this Agreement, neither Party shall be responsible to the other for any indirect, special, consequential or punitive damages, including (without limitation) damages for loss of anticipated profits or revenue or other economic loss in connection with or arising from anything said, omitted, or done hereunder (collectively "Consequential Damages"), whether arising in contract or tort except that the foregoing shall not limit a Party's obligation under Section 11 to indemnify, defend, and hold the other party harmless against amounts payable to third parties. Notwithstanding the foregoing, in no event shall Sprint's liability to CLEC for a service outage exceed an amount equal to the proportionate charge for the service(s) or unbundled element(s) provided for the period during which the service was affected.

11. INDEMNIFICATION

- 11.1. Each Party agrees to indemnify and hold harmless the other Party from and against claims by third parties for damage to tangible personal or real property and/or personal injuries to

the extent caused by the negligence or willful misconduct or omission of the indemnifying Party.

- 11.2. CLEC shall indemnify and hold harmless Sprint from all claims by CLEC's subscribers.
- 11.3. Sprint shall indemnify and hold harmless CLEC from all claims by Sprint's subscribers.
- 11.4. The indemnifying Party under this Section agrees to defend any suit brought against the other Party either individually or jointly with the indemnified Party for any such loss, injury, liability, claim or demand.
- 11.5. The indemnified Party agrees to notify the other Party promptly, in writing, of any written claims, lawsuits, or demands for which it is claimed that the indemnifying Party is responsible under this Section and to cooperate in every reasonable way to facilitate defense or settlement of claims.
- 11.6. The indemnifying Party shall have complete control over defense of the case and over the terms of any proposed settlement or compromise thereof. The indemnifying Party shall not be liable under this Section for settlement by the indemnified Party of any claim, lawsuit, or demand, if the indemnifying Party has not approved the settlement in advance, unless the indemnifying Party has had the defense of the claim, lawsuit, or demand tendered to it in writing and has failed to promptly assume such defense. In the event of such failure to assume defense, the indemnifying Party shall be liable for any reasonable settlement made by the indemnified Party without approval of the indemnifying Party.
- 11.7. When the lines or services of other companies and CLECs are used in establishing connections to and/or from points not reached by a Party's lines, neither Party shall be liable for any act or omission of the other companies or carriers.
- 11.8. In addition to its indemnity obligations hereunder, each Party shall, to the extent allowed by law or Commission Order, provide, in its tariffs and contracts with its subscribers that relate to any Telecommunications Services provided or contemplated under this Agreement, that in no case shall such Party or any of its agents, contractors or others retained by such Party be liable to any subscriber or third party for

11.8.1. any loss relating to or arising out of this Agreement, whether in contract or tort, that exceeds the amount such Party would have charged the applicable subscriber for the service(s) or function(s) that gave rise to such loss, and

11.8.2. Consequential Damages (as defined in Section 10 above).

12. BRANDING

12.1. CLEC shall provide the exclusive interface to CLEC subscribers, except as CLEC shall otherwise specify for the reporting of trouble or other matters identified by CLEC for which Sprint may directly communicate with CLEC subscribers. In those instances where CLEC requests that Sprint personnel interface with CLEC subscribers, such Sprint personnel shall inform the CLEC subscribers that they are representing CLEC, or such brand as CLEC may specify.

12.2. Other business materials furnished by Sprint to CLEC subscribers shall bear no corporate name, logo, trademark or tradename.

12.3. Except as specifically permitted by a Party, in no event shall either Party provide information to the other Party's subscribers about the other Party or the other Party's products or services.

12.4. Sprint shall share pertinent details of Sprint's training approaches related to branding with CLEC to be used by Sprint to assure that Sprint meets the branding requirements agreed to by the Parties.

- 12.5. This Section 12 shall not confer on either Party any rights to the service marks, trademarks and/or trade names owned by or used in connection with services by the other Party, except as expressly permitted in writing by the other Party.

13. REMEDIES

- 13.1. Except as otherwise provided herein, all rights of termination, cancellation or other remedies prescribed in this Agreement, or otherwise available, are cumulative and are not intended to be exclusive of other remedies to which the injured Party may be entitled in case of any breach or threatened breach by the other Party of any provision of this Agreement, and use of one or more remedies shall not bar use of any other remedy for the purpose of enforcing the provisions of this Agreement.

14. CONFIDENTIALITY AND PUBLICITY

- 14.1. All information which is disclosed by one party ("Disclosing Party") to the other ("Recipient") in connection with this Agreement, or acquired in the course of performance of this Agreement, shall be deemed confidential and proprietary to the Disclosing Party and subject to this Agreement, such information including but not limited to, orders for services, usage information in any form, and CPNI as that term is defined by the Act and the rules and regulations of the FCC ("Confidential and/or Proprietary Information
- 14.2. As to such Confidential and/or Proprietary Information, during the term of this Agreement, and for a period of one (1) year thereafter, Recipient shall
- 14.2.1. use it only for the purpose of performing under this Agreement,
- 14.2.2. hold it in confidence and disclose it only to employees or agents who have a need to know it in order to perform under this Agreement, and
- 14.2.3. safeguard it from unauthorized use or Disclosure using no less than the degree of care with which Recipient safeguards its own Confidential Information and/or Proprietary Information, but in no event less than a reasonable degree of care.
- 14.3. Recipient shall have no obligation to safeguard Confidential and/or Proprietary Information

14.3.1. which was in the Recipient's possession free of restriction prior to its receipt from Disclosing Party,

14.3.2. which becomes publicly known or available through no breach of this Agreement by Recipient,

14.3.3. which is rightfully acquired by Recipient free of restrictions on its Disclosure, or

14.3.4. which is independently developed by personnel of Recipient to whom the Disclosing Party's Confidential Information had not been previously disclosed.

14.4. Recipient may disclose Confidential and/or Proprietary Information if required by law, a court, or governmental agency, if the Disclosing Party has been notified of the requirement promptly after Recipient becomes aware of the requirement, and the Recipient undertakes all lawful measures to avoid disclosing such information until Disclosing Party has had reasonable time to obtain a protective order. Recipient will comply with any protective order that covers the Confidential and/or Proprietary Information to be disclosed.

14.5. Each Party agrees that in the event of a breach of this Section 14 by Recipient or its representatives, Disclosing Party shall be entitled to equitable relief, including injunctive relief and specific performance. Such remedies shall not be exclusive, but shall be in addition to all other remedies available at law or in equity.

14.6. Unless otherwise agreed, neither Party shall publish or use the other Party's logo, trademark, service mark, name, language, pictures, symbols or words from which the other Party's name may reasonably be inferred or implied in any product, service, advertisement, promotion, or any other publicity matter, except that nothing in this paragraph shall prohibit a Party from engaging in valid comparative advertising. This Section 14.6 shall confer no rights on a Party to the service marks, trademarks and trade names owned or used in connection with services by the other Party or its Affiliates, except as expressly permitted by the other Party.

14.7. Neither Party shall produce, publish, or distribute any press release nor other publicity referring to the other Party or its Affiliates, or referring to this Agreement, without the prior written approval of the other Party. Each party shall obtain the other Party's prior approval before discussing this

Agreement in any press or media interviews. In no event shall either Party mischaracterize the contents of this Agreement in any public statement or in any representation to a governmental entity or member thereof.

- 14.8. Except as otherwise expressly provided in this Section 14, nothing herein shall be construed as limiting the rights of either Party with respect to its customer information under any applicable law, including without limitation § 222 of the Act.

15. DISCLAIMER OF WARRANTIES

- 15.1. EXCEPT AS SPECIFICALLY PROVIDED ELSEWHERE IN THIS AGREEMENT TO THE CONTRARY, NEITHER PARTY MAKES ANY REPRESENTATIONS OR WARRANTIES, EXPRESS OR IMPLIED, WITH RESPECT TO QUALITY, FUNCTIONALITY OR CHARACTERISTICS OF THE SERVICES PROVIDED PURSUANT TO THIS AGREEMENT, INCLUDING, BUT NOT LIMITED TO, IMPLIED WARRANTIES OF MERCHANTABILITY AND/OR FITNESS FOR A PARTICULAR PURPOSE. NO REPRESENTATION OR STATEMENT MADE BY EITHER PARTY OR ANY OF ITS AGENTS OR EMPLOYEES, ORAL OR WRITTEN, INCLUDING, BUT NOT LIMITED TO, ANY SPECIFICATIONS, DESCRIPTIONS OR STATEMENTS PROVIDED OR MADE SHALL BE BINDING UPON EITHER PARTY AS A WARRANTY.

16. ASSIGNMENT AND SUBCONTRACT

- 16.1. If any Affiliate of either Party succeeds to that portion of the business of such Party that is responsible for, or entitled to, any rights, obligations, duties, or other interests under this Agreement, such Affiliate may succeed to those rights, obligations, duties, and interest of such Party under this Agreement without other party's written consent. In the event of any such succession hereunder, the successor shall expressly undertake in writing to the other Party the performance and liability for those obligations and duties as to which it is succeeding a Party to this Agreement. Thereafter, the successor Party shall be deemed CLEC or Sprint and the original Party shall be relieved of such obligations and duties, except for matters arising out of events occurring prior to the date of such undertaking.
- 16.2. Except as provided in Section 16.1, any assignment of this

Agreement or of the work to be performed, in whole or in part, or of any other interest of a Party hereunder, without the other Party's written consent, which consent shall not be unreasonably withheld or delayed, shall be void.

17. GOVERNING LAW

17.1. This Agreement shall be governed by and construed in accordance with the Act, the FCC's Rules and Regulations and orders of the Commission, except insofar as state law may control any aspect of this Agreement, in which case the domestic laws of the Commission's state, without regard to its conflicts of laws principles, shall govern.

18. RELATIONSHIP OF PARTIES

18.1. It is the intention of the Parties that each Party shall be an independent contractor and 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.

19. NO THIRD PARTY BENEFICIARIES

19.1. The provisions of this Agreement are for the benefit of the Parties hereto and not for any other person, and this Agreement shall not provide any person not a party hereto with any remedy, claim, liability, reimbursement, right of action, or other right in excess of those existing without reference hereto. This shall not be construed to prevent CLEC from providing its Telecommunications Services to other carriers.

20. NOTICES

20.1. Except as otherwise provided herein, all notices or other communication hereunder shall be deemed to have been duly given when made in writing and delivered in person or deposited in the United States mail, certified mail, postage prepaid, return receipt requested and addressed as follows:

| | | | |
|---------------|--|----------------|--|
| If to Sprint: | Director Local Carrier Markets Sprint 6450 Sprint Parkway KSOPHN0116-1B671 | If to CLEC: | John G. Sullivan Vice President and Chief Counsel-Telephony Comcast 1500 Market Street |
|---------------|--|----------------|--|

Overland Park, KS 66251

Philadelphia, PA 19102

With a
copy to:

Sprint
Legal Department
6450 Sprint Pkwy
Overland Park, KS 66251

With a
copy to:

Beth Choroser
Director of Regulatory
Compliance
Comcast
1500 Market Street
Philadelphia, PA 19102

- 20.2. If delivery, other than certified mail, return receipt requested, is used to give notice, a receipt of such delivery shall be obtained and the notice shall be effective when received. If delivery via certified mail, return receipt requested, is used, notice shall be effective when sent. The address to which notices or communications may be given to either Party may be changed by written notice given by such Party to the other pursuant to this Section 20

21. WAIVERS

- 21.1. No waiver of any provisions of this Agreement and no consent to any default under this Agreement shall be effective unless the same shall be in writing and properly executed by or on behalf of the Party against whom such waiver or consent is claimed.
- 21.2. 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.
- 21.3. Waiver by either party of any default by the other Party shall not be deemed a waiver of any other default.

22. SURVIVAL

- 22.1. Termination of this Agreement, or any part hereof, for any cause shall not release either Party from any liability which at the time of termination had already accrued to the other Party or which thereafter accrues in any respect to any act or omission occurring prior to the termination or from an obligation which is expressly stated in this Agreement to survive termination including but not limited to Sections 7, 8, 9, 10, 11, 14, 19, 21, and 24.

23. FORCE MAJEURE

- 23.1. Neither Party shall be held liable for any delay or failure in

performance of any part of this Agreement from any cause beyond its control and without its fault or negligence, such as acts of God, acts of civil or military authority, embargoes, epidemics, war, terrorist acts, riots, insurrections, fires, explosions, earthquakes, nuclear accidents, floods, power blackouts, strikes, work stoppage affecting a supplier or unusually severe weather. No delay or other failure to perform shall be excused pursuant to this Section 23 unless delay or failure and consequences thereof are beyond the control and without the fault or negligence of the Party claiming excusable delay or other failure to perform.

Subject to Section 5 hereof, in the event of any such excused delay in the performance of a Party's obligation(s) under this Agreement, the due date for the performance of the original obligation(s) shall be extended by a term equal to the time lost by reason of the delay. In the event of such delay, the delayed Party shall perform its obligations at a performance level no less than that which it uses for its own operations. In the event of such performance delay or failure by Sprint, Sprint agrees to resume performance in a nondiscriminatory manner and not favor its own provision of Telecommunications Services above that of CLEC.

24. DISPUTE RESOLUTION

24.1. The Parties recognize and agree that the Commission has continuing jurisdiction to implement and enforce all terms and conditions of this Agreement. Accordingly, the Parties agree that any dispute arising out of or relating to this Agreement that the Parties cannot resolve may be submitted to the Commission for resolution. If the Parties are unable to resolve the dispute, the Parties agree to seek expedited resolution by the Commission, and shall request that resolution occur in no event later than sixty (60) Days from the date of submission of such dispute. If the Commission appoints an expert(s) or other facilitator(s) to assist in its decision making, each party shall pay half of the fees and expenses so incurred except as otherwise ordered by the Commission. During the Commission proceeding each Party shall continue to perform its obligations under this Agreement provided, however, that neither Party shall be required to act in any unlawful fashion. This provision shall not preclude the Parties from seeking relief available in any other forum.

24.2. If any matter is subject to a bona fide dispute between the Parties, the disputing Party shall within thirty (30) Days of

the event giving rise to the dispute, give written notice to the other Party of the dispute and include in such notice the specific details and reasons for disputing each item.

- 24.3. If the Parties are unable to resolve the issues related to the dispute in the normal course of business within thirty (30) Days after delivery of notice of the Dispute, to the other Party, the dispute shall be escalated to a designated representative who has authority to settle the dispute and who is at a higher level of management than the persons with direct responsibility for administration of this Agreement. The designated representatives shall meet as often as they reasonably deem necessary in order to discuss the dispute and negotiate in good faith in an effort to resolve such dispute, but in no event shall such resolution exceed sixty (60) Days from the initial notice. The specific format for such discussions will be left to the discretion of the designated representatives, provided, however, that all reasonable requests for relevant information made by one Party to the other Party shall be honored.
- 24.4. After such period, either Party may file a complaint with the FCC or the Commission.

25. COOPERATION ON FRAUD

- 25.1. The Parties agree that they shall cooperate with one another to investigate, minimize and take corrective action in cases of fraud. 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.

26. TAXES

- 26.1. Definition. For purposes of this Section, the terms "taxes" and "fees" shall include but not be limited to federal, state or local sales, use, excise, gross receipts or other taxes or tax-like fees of whatever nature and however designated (including tariff surcharges and any fees, charges or other payments, contractual or otherwise, for the use of public streets or rights of way, whether designated as franchise fees or otherwise) imposed, or sought to be imposed, on or with respect to the services furnished hereunder or measured by the charges or payments therefore, excluding any taxes levied on income. The terms "taxes" and "fees" shall not include any tax or fee on either party's corporate existence, status, or income, corporate property taxes, payroll taxes, or franchise fees or any other fee for the use of the public

rights of way.

26.2. Taxes and Fees Imposed Directly On Either Providing Party or Purchasing Party.

26.2.1. Taxes and fees imposed on the providing Party, which are not permitted or required to be passed on by the providing Party to its customer, shall be borne and paid by the providing Party.

26.2.2. Taxes and fees imposed on the purchasing Party, which are not required to be collected and/or remitted by the providing Party, shall be borne and paid by the purchasing Party.

26.3. Taxes and Fees Imposed on Purchasing Party but Collected And Remitted By Providing Party.

26.3.1. Taxes and fees imposed on the purchasing Party shall be borne by the purchasing Party, even if the obligation to collect and/or remit such taxes or fees is placed on the providing Party.

26.3.2. To the extent permitted by applicable law, any such taxes and/or fees shall be shown as separate items on applicable billing documents between the Parties. If the providing Party fails to bill any tax or fee as required herein, then, as between the providing Party and the purchasing Party, the purchasing Party shall remain liable for such uncollected tax or fee subject to any back billing provisions as limited by providing Party's state statute of limitations for assessing such taxes and the providing Party shall be liable for any penalty and interest assessed with respect to such uncollected tax or fee by such authority. However if the purchasing Party fails to pay any such tax or fee properly billed, then, as between the providing Party and the purchasing Party, the purchasing Party will be solely responsible for payment of the tax or fee and penalties and interest.

26.3.3. If the purchasing Party determines that in its opinion any such taxes or fees are not payable, the providing Party shall not bill such taxes or fees to the purchasing Party if the purchasing Party provides written certification, reasonably satisfactory to the providing Party, stating that it is exempt or otherwise not subject to the tax or fee, setting forth the basis therefore, and satisfying any other requirements under applicable law. If any authority seeks to collect any such tax or fee that the purchasing Party has determined and certified not to be payable, the purchasing Party may contest the same in good faith, at its own expense. The Parties agree that they will cooperate with each other and coordinate their mutual efforts concerning audits, other such inquiries, filings, reports, etc., as may be related solely to the

activities or transactions arising from or under this Agreement, which may be required or initiated from or by any duly authorized governmental taxing authority.

26.3.4. In the event that all or any portion of an amount sought to be collected must be paid in order to contest the imposition of any such tax or fee, or to avoid the existence of a lien on the assets of the providing Party during the pendency of such contest, the purchasing Party shall be responsible for such payment and shall be entitled to the benefit of any refund or recovery.

26.3.5. If it is ultimately determined that any additional amount of such a tax or fee is due to the imposing authority and the providing Party previously billed these amounts, the purchasing Party shall pay such additional amount, including any interest and penalties thereon. However, if the providing Party fails to bill any tax or fee as required herein, then, as between the providing Party and the purchasing Party, the purchasing Party shall remain liable for such uncollected tax or fee subject to any back billing provisions as limited by providing Party's state statute of limitations for assessing such taxes and the providing Party shall be liable for any penalty assessed with respect to such uncollected tax or fee by such authority. The Purchasing Party shall be liable for any interest assessed with respect to such uncollected tax or fee by such authority.

26.3.6. Notwithstanding any provision to the contrary, the purchasing Party shall protect, indemnify and hold harmless (and defend at the purchasing Party's expense) the providing Party from and against any such tax or fee, interest or penalties thereon, or other charges or payable expenses (including reasonable attorney fees) with respect thereto, which are incurred by the providing Party in connection with any claim for or contest of any such tax or fee where such claim or contest was initiated by the purchasing Party.

26.3.7. Each Party shall notify the other Party in writing of any assessment, proposed assessment or other claim for any additional amount of such a tax or fee by a taxing authority; such notice to be provided, if possible, at least ten (10) Days prior to the date by which a response, protest or other appeal must be filed, but in no event later than thirty (30) Days after receipt of such assessment, proposed assessment or claim.

26.4. Taxes and Fees Imposed on Providing Party But Passed On To Purchasing Party.

26.4.1. Taxes and fees imposed on the providing Party,

which are permitted or required to be passed on by the providing Party to its customer, shall be borne by the purchasing Party.

26.4.2. To the extent permitted by applicable law, any such taxes and/or fees shall be shown as separate items on applicable billing documents between the Parties. If the providing Party fails to bill or collect any tax or fee as required herein, then, as between the providing Party and the purchasing Party, the purchasing Party shall remain liable for such uncollected tax or fee subject to any back billing provisions as limited by providing Party's state statute of limitations for assessing such taxes and the providing Party shall be liable for any penalty and interest assessed with respect to such uncollected tax or fee by such authority. However if the purchasing Party fails to pay any such tax or fee properly billed, then, as between the providing Party and the purchasing Party, the purchasing Party will be solely responsible for payment of the tax or fee and penalties and interest

26.4.3. If the purchasing Party disagrees with the providing Party's determination as to the application or basis for any such tax or fee, the Parties shall consult with respect to the imposition and billing of such tax or fee. Notwithstanding the foregoing, the providing Party shall retain ultimate responsibility for determining whether and to what extent any such taxes or fees are applicable, and the purchasing Party shall abide by such determination and pay such taxes or fees to the providing Party. The providing Party shall further retain ultimate responsibility for determining whether and how to contest the imposition of such taxes and fees; provided, however, that any such contest undertaken at the request of the purchasing Party shall be at the purchasing Party's expense.

26.4.4. In the event that all or any portion of an amount sought to be collected must be paid in order to contest the imposition of any such tax or fee, or to avoid the existence of a lien on the assets of the providing Party during the pendency of such contest, the purchasing Party shall be responsible for such payment and shall be entitled to the benefit of any refund or recovery.

26.4.5. If it is ultimately determined that any additional amount of such a tax or fee is due to the imposing authority, the purchasing Party shall pay such additional amount, including any interest and penalties thereon.

26.4.6. Notwithstanding any provision to the contrary, the purchasing Party shall protect, indemnify and hold harmless (and defend at the purchasing Party's expense) the providing Party from and against any such tax or fee, interest or penalties thereon, or other reasonable charges or payable expenses (including reasonable attorneys' fees) with respect thereto, which are incurred by the providing Party in connection with any claim for or contest of any such tax or fee where such claim

was initiated by the purchasing Party.

26.4.7. Each Party shall notify the other Party in writing of any assessment, proposed assessment or other claim for any additional amount of such a tax or fee by a taxing authority; such notice to be provided, if possible, at least ten (10) Days prior to the date by which a response, protest or other appeal must be filed, but in no event later than thirty (30) Days after receipt of such assessment, proposed assessment or claim.

26.5. Mutual Cooperation. In any contest of a tax or fee by one Party, the other Party shall cooperate fully by providing records, testimony and such additional information or assistance as may reasonably be necessary to pursue the contest. Further, the other Party shall be reimbursed for any reasonable and necessary out-of-pocket copying and travel expenses incurred in assisting in such contest.

26.5.1. To the extent a sale is claimed to be for resale and thus subject to tax exemption, the purchasing Party shall timely furnish the providing Party a proper resale tax exemption certificate as authorized or required by statute or regulation of the jurisdiction providing said resale tax exemption. If Applicable Law excludes or exempts a purchase of services under this Agreement from a Tax, but does not also provide an exemption procedure, then the providing Party will not collect such Tax if the purchasing Party timely furnishes the providing Party with a letter signed by an officer of the purchasing Party, reasonably satisfactory to the providing Party, claiming an exemption and identifying the Applicable Law that both allows such exemption and does not require an exemption certificate. If any resale tax exemption certification or other evidence of exemption is disallowed by, or found to be insufficient by, any taxing jurisdiction or if any sale of services is found not to be for resale or not otherwise tax exempt then the purchasing party shall be solely responsible of payment of the tax or fee and all penalties and interest.

26.6. New Taxes, Fees or Other Charges. Notwithstanding any other provision of this agreement, the providing party expressly reserves the right and the option, and the purchasing party expressly acknowledges and agrees that the providing party has the right and option, to charge and collect from the purchasing party, any or all taxes, fees or other charges that are imposed upon the providing party, or that are imposed upon the purchasing party but required to be collected by the providing party, by any federal, state or local jurisdiction from the date of this agreement forward.

27. AMENDMENTS AND MODIFICATIONS

27.1. No provision of this Agreement shall be deemed waived, amended or modified by either party unless such a waiver, amendment or modification is in writing, dated, and signed by both Parties.

28. SEVERABILITY

28.1. Subject to Section 4.2, if any part of this Agreement is held to be invalid, void or unenforceable for any reason, such invalidity will affect only the portion of this Agreement which is invalid. In all other respects this Agreement will stand as if such invalid provision had not been a part thereof, and the remainder of the Agreement shall remain in full force and effect and shall in no way be affected, impaired or invalidated thereby.

29. HEADINGS NOT CONTROLLING

29.1. The headings and numbering of Sections and Parts in 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.

30. ENTIRE AGREEMENT

30.1. This Agreement, including all Parts and subordinate documents attached hereto or referenced herein, all of which are hereby incorporated by reference herein, subject only to the terms of any applicable tariff on file with the state Commission or the FCC, constitute the entire matter thereof, and supersede all prior oral or written agreements, representations, statements, negotiations, understandings, proposals, and undertakings with respect to the subject matter thereof.

31. SUCCESSORS AND ASSIGNS

31.1. Subject to the terms of this Agreement, Sprint and CLEC agree this Agreement shall be binding upon, and inure to the benefit of, the Parties hereto and their respective successors and permitted assigns.

32. IMPLEMENTATION PLAN

32.1. Implementation Team. This Agreement sets forth the overall standards of performance for the services, processes, and systems capabilities that the Parties will provide to each other, and the intervals at which those services, processes

and capabilities will be provided. The Parties understand that the arrangements and provision of services described in this Agreement shall require technical and operational coordination between the Parties. Accordingly, the Parties agree to form a team (the "Implementation Team") which shall develop and identify those processes, guidelines, specifications, standards and additional terms and conditions necessary to support and satisfy the standards set forth in this Agreement and implement each Party's obligations hereunder.

- 32.2. Dispute Resolution. If the Implementation Team is unable to agree upon any of the matters to be included in the Implementation Plan, then either Party may invoke the procedures set forth in Part A, Section 24.

33. FEDERAL JURISDICTIONAL AREAS

- 33.1. Article 1, § 8, Clause 17 of the United States Constitution provides the authority to Congress to exercise exclusive jurisdiction over areas and structures used for military purposes (Federal Enclaves). Thus, Telecommunications Services to such Federal Enclaves are not subject to the jurisdiction of the Commission. The Parties agree that Services provided within Federal Enclaves are not within the scope of this Agreement. To the extent Sprint has contracts with federal entities that limit or prohibit the ability of CLEC to provide resale or UNEs such contract will govern Telecommunications Services on such Federal Enclave. If the contract with the federal entity provides for the resale or provision of UNEs to provide service on the Federal Enclave, Sprint will provide CLEC with the information regarding the provision of service on the Federal Enclave.

PART C - GENERAL PRINCIPLES

34. USE OF FACILITIES

34.1. In situations where a competitive LEC has the use of the facilities (i.e., local loop) to a specific customer premise, through the lease of the local loop as an Unbundled Network Element, and Sprint receives a good faith request for service from a customer at the same premise or from another carrier with the appropriate customer authorization, the procedures below will apply:

34.1.1. Sprint will process such orders and provision services consistent with the terms contained in Section 66, of this Agreement.

34.1.2. Where CLEC is using a single facility to provide service to multiple end user customers, Sprint will not disconnect that facility as a result of the following procedures.

34.1.3. Sprint will follow methods prescribed by the FCC and any applicable state regulation for carrier change verification.

34.1.4. Customer with Existing Service Changing Local Service Provider
In situations where a competitive LEC submits an order for an end user customer that is changing local service providers for existing service, and is not adding service (i.e., an additional line), Sprint will process the service request without delay, and provide the losing a competitive LEC a customer loss notification consistent with industry standards. Customer with Existing Service Adding New Service.

34.1.4.1. In situations where an order is submitted for an end user customer adding service to existing service (i.e., an additional line), the order should be marked as an additional line and existing facilities will not be affected.

34.1.5. Customer Requesting New Service where Previous Customer has Abandoned Service

34.1.5.1. In the case where an end user customer vacates premises without notifying the local service provider and a new end user customer moves into the vacated premises and orders new service from a local service provider neither Sprint nor the previous local service provider are aware that the original end user customer has abandoned the service in place.

34.1.5.2. When a carrier requests service at a location and marks the order as abandoned and CLEC is the previous local service provider, Sprint shall notify CLEC via fax that it has had

a request for service at the premise location that is currently being served by CLEC;

34.1.5.3. address of the party receiving service at such locations, but at a minimum shall provide local service address location information;

34.1.6. If CLEC does not respond within twenty-four (24) hours after receiving Sprint's notification or if CLEC responds relinquishing the facilities, Sprint shall be free to use the facilities in question CLEC and Sprint shall issue a disconnect order with respect to the CLEC service at that location. If CLEC responds stating that the service is working and should not be disconnected, Sprint will notify the carrier ordering service and request verification of the address and location or the submission of an order for an additional line.

35. PRICE SCHEDULE

35.1. All prices under this agreement are set forth in the attachments designated Table One and Table Two of this Agreement are hereby incorporated into, and made a part of, this Agreement.

35.2. Subject to the provisions of Part B, Section 4 of this Agreement, all rates provided under this Agreement shall remain in effect for the term of this Agreement.

35.3. Local resale

35.3.1. There are no rates for local resale in Table One as this agreement does not provide for the resale of services.

35.4. Unbundled Network Elements

35.4.1. The charges that CLEC shall pay to Sprint for Unbundled Network Elements are set forth in Table One of this Agreement are in accordance with the Applicable Rules, including such Commission order(s) that result from a docket relating specifically to Sprint's costing/pricing.

35.5. Collocation

35.5.1. The charges that CLEC shall pay to Sprint for Collocation are set forth in Table Two of this Agreement.

35.6. Call Related Databases

35.6.1. The charges that CLEC shall pay to Sprint for Call Related Databases purchased pursuant to Part J are set forth in Table One of this

Agreement

36. SECURITY DEPOSIT

- 36.1. Sprint reserves the right to secure the account with a suitable form of security deposit, unless satisfactory credit has already been established through twelve (12) consecutive months of current payments for carrier services to Sprint and all ILEC affiliates of Sprint or satisfactory credit is established through other means deemed acceptable by Sprint. A payment is not considered current if undisputed amounts are received by Sprint later than the due date, which shall not be sooner than thirty (30) days after the date the invoice date.
- 36.2. The security deposit shall take the form of cash or cash equivalent, an irrevocable letter of credit or other form of security acceptable to Sprint.
- 36.3. If a security deposit is required on a new account, such security deposit shall be made prior to inauguration of service. If a security deposit is requested for an existing account, payment of the security deposit will be made within 30 days of notice and prior to acceptance by Sprint of additional orders for service
- 36.4. The security deposit shall be two (2) months' estimated billings as calculated by Sprint, or twice the most recent month's invoices from Sprint for existing accounts. All security deposits will be subject to a minimum deposit level of \$10,000.
- 36.5. The fact that a security deposit has been made in no way relieves CLEC from complying with Sprint's regulations as to advance payments and the prompt payment of bills on presentation, nor is it a waiver or modification of the regular practices of Sprint for the discontinuance of service for non-payment of any sums due Sprint.
- 36.6. When gross monthly billing has increased beyond a level initially used to determine a security deposit, Sprint may increase the security deposit requirements if, in Sprint's reasonable judgment, satisfactory credit with respect to the increase cannot be established through twelve (12) consecutive months of current payments for carrier services to Sprint and all ILEC affiliates of Sprint, or other means

acceptable to Sprint. Sprint may also increase the security deposit requirements when changes in CLEC's financial status, as evidenced by a significant drop in credit rating by Standard & Poors or Moody's, or other reputable sources of financial information so warrants. If payment of the additional security deposit amount is not made within 30 days of the request, Sprint may stop processing orders for service and CLEC and either party may invoke the provisions of the Dispute Resolution Section , in Sec.24

36.7. Any security deposit shall be held by Sprint as a guarantee of payment of any charges for carrier services billed to CLEC. Sprint may exercise its right to credit any cash deposit to CLEC's account, or to demand payment from the issuing bank or bonding company of any irrevocable bank letter of credit, upon the occurrence of any one of the following events:

36.7.1. when CLEC undisputed balances due to Sprint are more than thirty (30) Days past the due date and at least 60 days after the invoice date, subject to the past due notices section ; or

36.7.2. when CLEC files for protection under the bankruptcy laws; or

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

36.7.4. when this Agreement expires or terminates and parties are not in active negotiation or arbitration; or

36.7.5. any letter of credit issued hereunder or any bank issuing a letter of credit hereunder (each, a "Letter of Credit Bank") fails to meet the terms, conditions, and requirements set forth in this Section 39; or CLEC fails to provide Sprint with a replacement letter of credit on the terms set forth herein at least 10 business days prior to the expiration of any letter of credit issued to Sprint hereunder.

36.8. Any security deposit may be held during the continuance of the service as security for the payment of any and all amounts accruing for the service. Cash or cash equivalent security deposits will be returned to CLEC when CLEC has made current payments for carrier services to Sprint and all Sprint ILEC affiliates for twelve (12) consecutive months Upon the expiration of any letter of credit issued hereunder, CLEC shall not be required to renew the letter of credit when CLEC has made undisputed current payments for carrier services to Sprint and all Sprint ILEC affiliates for

twelve (12) consecutive months.

36.9. Any letter of credit issued to Sprint hereunder must meet the following requirements:

36.9.1. The bank issuing any letter of credit hereunder (the "Letter of Credit Bank") must maintain a minimum credit rating of A (by Standard & Poors) or A2 (by Moody's). If CLEC proposes that the letter of credit be issued by a bank that is not so rated by Standard & Poors or Moody's, then CLEC must obtain the prior written approval of such bank by Sprint.

36.9.2. The letter of credit shall be in such form and on terms that are acceptable to Sprint.

36.9.3. If CLEC receives notice from the Letter of Credit Bank of any non-renewal of a letter of credit issued hereunder, then CLEC shall promptly notify Sprint of such notice of non-renewal. Not later than 10 business days prior to the expiration of the expiring letter of credit, CLEC shall provide Sprint a replacement letter of credit on substantially identical terms to the expiring letter of credit (or such other terms as are acceptable to Sprint). If CLEC provides a replacement letter of credit not later than 10 business days prior to the expiration of the expiring letter of credit, then Sprint shall not make a drawing under the expiring letter of credit. Upon receipt of a replacement letter of credit meeting the requirements set forth in this Agreement, Sprint will provide the original, expiring letter of credit to CLEC.

36.9.4. If CLEC desires to replace any letter of credit issued to Sprint hereunder, whether due to non-renewal or otherwise, each such replacement letter of credit and the Letter of Credit Bank issuing such replacement letter of credit must meet the terms, conditions and requirements set forth in this Section 39.

36.9.5. Any security deposit may be held during the continuance of the service as security for the payment of any and all amounts accruing for the service. Sprint will pay interest on cash deposits at the prime rate, as quoted in the Wall Street Journal on the first business day of every month, to be compounded monthly, of the cash deposit at the time the cash deposit is either credited to CLEC's account or when the cash deposit is returned to CLEC. No interest will accrue or be paid on letters of credit. Cash or cash equivalent security deposits will be returned to CLEC when CLEC has made undisputed current payments for carrier services provided under this Agreement to Sprint and all Sprint ILEC affiliates for twelve (12) consecutive months

PART D - NETWORK ELEMENTS

37. GENERAL

37.1. Pursuant to the following terms, Sprint will unbundle and separately price and offer Unbundled Network Elements ("UNEs") such that CLEC will be able to subscribe to and interconnect to whichever of these unbundled elements CLEC requires for the purpose of providing local telephone service to its end users. CLEC shall pay Sprint each month for the UNEs provisioned, and shall pay the non-recurring charges listed in Table One or agreed to by the Parties. It is CLEC's obligation to combine Sprint-provided UNEs with any facilities and services that CLEC may itself provide. Sprint will continue to offer the UNEs enumerated below, in accordance with the terms and conditions in this agreement, subject to further determinations as to which UNEs ILECs are required to offer under the Act, at which time the Parties agree to modify this section pursuant to the obligations set forth in Part B, Section 4.2 of this Agreement.

38. USE OF UNBUNDLED NETWORK ELEMENTS

38.1. Sprint shall offer UNEs to CLEC for the purpose of offering Telecommunications Service to CLEC subscribers. Sprint shall offer UNEs to CLEC on an unbundled basis on rates, terms and conditions that are just, reasonable, and non-discriminatory in accordance with the terms and conditions of this Agreement. In providing access or obtaining access to Unbundled Network Elements, Combinations and Other Services, the parties shall comply with all applicable FCC rules and orders and Commission rules and orders. UNEs include

38.1.1. Network Interface Device ("NID")

38.1.2. Loop

38.1.3. Sub Loop

38.1.4. Operations Support Systems

38.1.5. Dedicated Transport

38.2. CLEC may use one or more UNEs to provide any feature, function, capability, or service option that such UNE(s) is (are) technically capable of providing, except as otherwise

limited herein. Except as provided elsewhere in this Agreement, it is CLEC's obligation to combine Sprint provided UNEs with any and all facilities and services whether provided by Sprint, CLEC, or any other party. CLEC may Commingle UNEs with Wholesale Services or tariff services obtained from Sprint as provided for in this Agreement, in accordance with 47 C.F.R. 51.309 (a).

38.3. Each UNE provided by Sprint to CLEC shall be at Parity with the quality of design, performance, features, functions, capabilities and other characteristics, that Sprint provides to itself, Sprint's own subscribers, to a Sprint Affiliate or to any other Telecommunications Carrier requesting access to that UNE.

38.4. CLEC may use Network Elements provided under this Agreement for any Telecommunications Service subject to the restrictions listed below.

38.4.1. CLEC may not access a UNE for the exclusive provision of Mobile Wireless Service. For purposes of clarification and not limitation, CLEC may access a UNE for the provision of facilities used for interconnection with Sprint for exchange of traffic. Facilities connecting Sprint's network and CMRS carriers' networks do not qualify as Unbundled Network Elements and will not be available to CLEC as Unbundled Network Elements.

38.4.2. CLEC may not access a UNE for the exclusive provision of interexchange services. Unbundled loops ordered by CLEC into a third party collocation cannot be used by the third party collocater to provide retail interexchange services. Facilities connecting Sprint's network and interexchange carriers' networks do not qualify as UNEs and will not be available to CLEC as UNEs.

39. BONA FIDE REQUEST PROCESS

39.1. Sprint shall promptly consider and analyze CLEC requests for unbundled network elements provided for in this Agreement that are currently not fully developed as a product by Sprint and not currently available through Sprint's CLEC ordering site, network information that is reasonably required to determine what unbundled network elements it needs to serve a particular customer or

development of and changes to Sprint work processes related to ordering, provisioning or installation of unbundled network elements with the submission of a Bona Fide Request ("BFR") hereunder. Such ordering of Unbundled network elements provided for in this Agreement that are currently not fully developed as a product through the BFR process will not result in additional cost to CLEC.

- 39.2. A Bona Fide Request ("BFR") shall be submitted in writing on the Sprint Standard BFR Form and shall include a clear technical description of each request.
- 39.3. CLEC may cancel a BFR at any time, but shall pay the reasonable and demonstrable costs of processing and/or implementing the BFR up to the date of cancellation.
- 39.4. Within ten (10) calendar days of its receipt, the Sprint shall acknowledge receipt of the BFR.
- 39.5. Except under extraordinary circumstances, within thirty (30) calendar days of its receipt of a BFR, the Sprint shall provide to CLEC a preliminary analysis of such BFR. If applicable, the preliminary analysis shall provide the rationale for acceptance or denial of BFR.
- 39.6. Upon receipt of the preliminary analysis, CLEC shall, within thirty (30) calendar days, notify Sprint, in writing, of its intent to proceed or not to proceed.
- 39.7. Sprint shall promptly proceed with the BFR upon receipt of written authorization from CLEC. When it receives such authorization, Sprint shall promptly develop the requested services, determine their availability, calculate the applicable prices and establish installation intervals.
- 39.8. As soon as feasible, but not more than ninety (90) calendar days after its receipt of authorization to proceed with developing the BFR, Sprint shall provide to CLEC a BFR Quote which will include, at a minimum, a description of each service the availability, the applicable rates and the installation intervals.
- 39.9. Within thirty (30) calendar days of its receipt of the BFR Quote, CLEC must either confirm, in writing, its order for the BFR pursuant to the BFR Quote or if a disagreement arises, seek resolution of the dispute under the Dispute Resolution procedures in Part B of this Agreement.
- 39.10. If a Party to a BFR believes that the other Party is not requesting, negotiating or processing the BFR in good faith,

or disputes a determination, or price or cost quote, such Party may seek resolution of the dispute pursuant to the Dispute Resolution provisions in Part B of this Agreement.

40. INDIVIDUAL CASE BASIS PRICING

- 40.1. Individual Case Basis (ICB) pricing will be provided by Sprint upon request from the CLEC for customer specific rates or terms for network services and features for UNES that are not otherwise provided for in this Agreement.
- 40.2. Sprint will process ICB Pricing requests upon receipt from the CLEC. Sprint will provide CLEC a price quote within thirty (30) business days from the receipt of the request. Price quote intervals may vary depending upon the complexity of the request but shall not exceed thirty (30) business days from the receipt of the request.

41. NETWORK INTERFACE DEVICE

- 41.1. Sprint will offer unbundled access to the network interface device element (NID). The NID is defined as any means of interconnection of end-user customer premises wiring to an incumbent LEC's distribution plant, such as a cross connect device used for that purpose. This includes all features, functions, and capabilities of the facilities used to connect the loop to end-user customer premises wiring, regardless of the specific mechanical design.
- 41.2. The function of the NID is to establish the network demarcation point between a LEC (ILEC/CLEC) and its subscriber. The NID provides a protective ground connection, protection against lightning and other high voltage surges and is capable of terminating cables such as twisted pair cable.
- 41.3. CLEC may connect its NID to Sprint's NID; may connect an unbundled loop to its NID; or may connect its own Loop to Sprint's NID. Sprint will provide one NID termination with each loop. If additional NID terminations are required, CLEC may request them pursuant to the process detailed in the Bona Fide Request Section herein.
- 41.4. Sprint will provide CLEC with information that will enable their technician to locate end user inside wiring at NIDs terminating multiple subscribers. Sprint will dispatch a technician and tag the wiring at the CLEC's request. In such cases the charges specified in Table One will apply.
- 41.5. Sprint will not provide specialized (Sprint non-standard) NIDS.

- 41.6. The Sprint NID shall provide a clean, accessible point of connection for the inside wiring and for the distribution media and/or cross connect to CLEC's NID and shall maintain a connection to ground that meets applicable industry standards. Each Party shall ground its NID independently of the other party's NID.
- 41.7. When requested, Sprint will provide NIDs separately from loops for a separate price as shown in Table 1. A NID will be provided with each unbundled loop and is included in the loop pricing shown in Table 1.

42. LOOP

- 42.1. Sprint will provide CLEC access to Local Loops as defined in Part A including Copper Loops, DS1 Loops, DS3 Loops, Hybrid Loops, and FTTC Loops FTTH Loops. The following section includes the terms and conditions for Copper Loops, DS1 Loops, DS3 Loops, Hybrid Loops, FTTC Loops and FTTH Loops. Terms and conditions for making any network modifications resulting from CLEC's request for Local Loops is contained in Section.
- 42.2. At CLEC's request, and if technically feasible, Sprint will test and report trouble on conditioned loops for all of the line's features, functions, and capabilities, and will not restrict its testing to voice-transmission only. Testing shall include Basic Testing and Cooperative Testing. Basic Testing shall include simple metallic measurements only, performed by accessing the loop through the voice switch. To the extent CLEC requests non-routine testing that would require Sprint to purchase new equipment, establish new procedures, or make systems modifications, CLEC will compensate Sprint for costs incurred to provide such testing. Request for additional testing must be submitted pursuant to the BFR Process in section 39.
 - 42.2.1. Basic Testing does not include cooperative efforts that require Sprint's technician to work jointly with CLEC's staff ("Cooperative Testing").
 - 42.2.2. Cooperative testing will be provided by Sprint at CLEC's expense. Sprint technicians will try to contact CLEC's representative at the conclusion of installation. If the CLEC does not respond within 3 minutes, Sprint may, in its sole discretion, abandon the test and CLEC will be charged for the test.
 - 42.2.3. Sprint will charge CLEC at the rates set out on

Table One, when the location of the trouble on a CLEC-reported ticket is determined to be in CLEC's network or on the CLEC end user's side of the Demarcation Point.

42.3. Analog Loop Capabilities

42.3.1. Analog loops facilitate the transmission of voice grade signals in the 300-3000 Hz range and terminate in a 2-wire or 4-wire electrical interface at the CLEC's end user's premises. CLEC shall not install equipment on analog Loops that exceeds the specified bandwidth.

42.4. Sprint will provide analog Loops as Copper Loops, Hybrid Loops, and where required, FTTH Loops, based on available facilities. Digital Loops Digital Loops

42.4.1. Sprint will provide digital Loops on the basis of the service that will be provisioned over the Loop. Digital Loops are Copper Loops over which CLEC may deploy advanced services. Deployment of advanced services over digital loops by CLEC will be consistent with the terms and conditions contained in Section 42.7. On digital Loops, Sprint will only provide electrical continuity and line balance.

42.4.2. Sprint shall employ industry accepted standards and practices to maximize binder group efficiency through analyzing the interference potential of each loop in a binder group, assigning an aggregate interference limit to the binder group, and then adding loops to the binder group until that limit is met. Disputes regarding the standards and practices employed in this regard shall be resolved through the Dispute Resolution Process set forth in Part B of this Agreement.

42.5. DS1 Loops

42.5.1. Subject to the cap in Section 42.5.2, Sprint will provide CLEC nondiscriminatory access to a DS1 Loop on an unbundled basis to any building not served by a Wire Center with at least 60,000 business lines and at least four fiber-based collocators. Once a Wire Center exceeds both of these thresholds, no future DS1 loop unbundling will be required in that wire center. DS1 loops include, but are not limited to, two-wire and four-wire copper loops capable of providing high-bit rate digital subscriber line services, including T1 services. The Wire Centers that meet these requirements as of the date of this Agreement are listed on Exhibit A.

42.5.2. CLEC may obtain a maximum of ten unbundled DS1 loops to any single building in which DS1 loops are available as unbundled loops. If CLEC has more than ten DS1 loops to a single building CLEC will transition any DS1 loops in excess of ten to another service within 90 days.

42.5.3. For a 12-month period beginning on March 11, 2005, any DS1 loop UNEs that CLEC leases from Sprint, but which Sprint is not obligated to unbundle pursuant to Sections 42.5.1 and 42.5.2, shall be available for lease from Sprint at the rates on Table One. CLEC will true-up the rates

paid for DS1 loops back to March 11, 2005. CLEC must submit the necessary orders to convert these UNEs to an alternative service arrangement within twelve months of March 11, 2005. By the end of the twelve month period, CLEC must have transitioned the UNEs to alternative facilities or arrangements.

- 42.5.4. Where Sprint is not required to provide unbundled DS1 loops pursuant to Sections 42.5.1 and 42.5.2, CLEC may not obtain new DS1 loops as UNEs.
- 42.5.5. If Sprint identifies Wire Centers in addition to those listed on Exhibit A that exceed the threshold, Sprint will provide CLEC notice in accordance with the notice provisions of this Agreement. CLEC shall not be able to order new DS1 loops for the identified wire centers 30 days after the date of the notice. Any DS1 loops leased from Sprint on the date of the notice shall be available for a 12-month period at a rate equal that is 115% of rate CLEC paid on the date of the notice.
 - 42.5.5.1. CLEC must submit the necessary orders to convert these UNEs to an alternative service arrangement within twelve months of the above notice date. By the end of the twelve month period, CLEC must have transitioned the UNEs to alternative facilities or arrangements.

42.6. DS3 Loops

- 42.6.1. Subject to the cap described in Section 42.6.2, Sprint shall provide CLEC with nondiscriminatory access to a DS3 loop on an unbundled basis to any building not served by a Wire Center with at least 38,000 business lines and at least four fiber-based collocators. Once a Wire Center exceeds both of these thresholds, no future DS3 loop unbundling will be required in that Wire Center. The Wire Centers that meet these requirements as of the date of this Agreement are listed on Exhibit A.
- 42.6.2. CLEC may obtain a maximum of a single unbundled DS3 loop to any single building in which DS3 loops are available as unbundled loops. If CLEC has more than one DS3 loops to a single building CLEC will transition any DS3 loops in excess of one to another service within 90 days.
- 42.6.3. For a 12-month period beginning on March 11, 2005, any DS3 loop UNEs that CLEC leases from Sprint of that date, but which Sprint is not obligated to unbundle pursuant to Sections 42.6.1 and 42.6.2, shall be available for lease from Sprint at the rates on Table One. CLEC will true-up the rates paid for DS3 loops back to March 11, 2005. CLEC must submit the necessary orders to convert these UNEs to an alternative service arrangement within twelve months of March 11, 2005. By the end of the twelve month period, CLEC must have transitioned the UNEs to alternative facilities or arrangements.

42.6.4. Where Sprint is not required to provide unbundled DS3 loops pursuant to Sections 42.6.1 and 42.6.2, CLEC may not obtain new DS3 loops as UNEs.

42.6.5. If Sprint identifies Wire Centers in addition to those listed on Exhibit A that exceed the threshold, Sprint will provide CLEC notice in accordance with the notice provisions of this Agreement. CLEC shall not be able to order new DS3 loops for the identified wire centers 30 days after the date of the notice. Any DS3 loops leased from Sprint on the date of the notice shall be available for a 12-month period at a rate equal that is 115% of rate CLEC paid on the date of the notice.

42.6.5.1. CLEC must submit the necessary orders to convert these UNEs to an alternative service arrangement within twelve months of the above notice date. By the end of the twelve month period, CLEC must have transitioned the UNEs to alternative facilities or arrangements.

42.7. Adherence to National Industry Standards

42.7.1.1. In providing advanced service loop technology, Sprint shall allow CLEC to deploy underlying technology that does not significantly interfere with other advanced services and analog circuit-switched voice band transmissions.

42.7.2. Until long term industry standards and practices can be established, a particular technology shall be presumed acceptable for deployment under certain circumstances. Deployment that is consistent with at least one of the following circumstances presumes that such loop technology will not significantly degrade the performance of other advanced services or impair traditional analog circuit-switched voice band services:

42.7.2.1. Complies with existing industry standards, including an industry-standard PSD mask, as well as modulation schemes and electrical characteristics;

42.7.2.2. Is approved by an industry standards body, the FCC, or any state commission or;

42.7.3. Has been successfully deployed by any CLEC without significantly degrading the performance of other services Where CLEC seeks to establish that deployment of a technology falls within the presumption of acceptability under paragraph 42.7.3, the burden is on CLEC to demonstrate to the Commission that its proposed deployment meets the threshold for a presumption of acceptability and will not, in fact, significantly degrade the performance of other advanced services or traditional voice band services.

42.7.4. If a deployed technology significantly degrades other advanced services, the affected Party will notify the interfering party and give them a reasonable opportunity to correct the problem. The interfering Party will immediately stop any new deployment until the problem is resolved to mitigate disruption of other carrier services. If the affected parties are unable to resolve the problem, they will present factual evidence to the Commission for review and determination. If the Commission determines that the deployed technology is the cause of the interference, the deploying party will remedy the problem by reducing the number of existing customers utilizing the technology or by migrating them to another technology that does not disturb.

42.7.5. When the only degraded service itself is a known disturber and the newly deployed technology is presumed acceptable pursuant to Section 42.7.2, the degraded service shall not prevail against the newly deployed technology.

42.7.6. If Sprint denies a request by CLEC to deploy a technology, it will provide detailed, specific information providing the reasons for the rejection.

42.7.7. Parties agree to abide by national standards as developed by ANSI, i.e., Committee T1E1.4 group defining standards for loop technology. At the time the deployed technology is standardized by ANSI or the recognized standards body, the CLEC will upgrade its equipment to the adopted standard within sixty (60) Days of the standard being adopted or as otherwise agreed to between the Parties.

42.7.8. CLEC shall meet the power spectral density requirement given in the respective technical references listed below:

42.7.8.1. For Basic Rate ISDN: Telcordia TR-NWT-000393 Generic Requirements for ISDN Basic Access Digital Subscriber Lines.

42.7.8.2. For HDSL installations: Telcordia TA-NWT-001210 Generic Requirements for High-Bit-Rate Digital Subscriber Lines. Some fractional T1 derived products operating at 768 kbps may use the same standard.

42.7.8.3. For ADSL: ANSI T1.413-1998 (Issue 2 and subsequent revisions) Asymmetrical Digital Subscriber Line (ADSL) Metallic Interface.

42.7.8.4. As an alternative to Section 42.7.8.1, CLEC may meet the requirements given in ANSI document T1E1.4/2000-002R2 dated May 1, 2000. "Working Draft of

Spectrum Management Standard,” and subsequent revisions of this document.

42.8. Information to be Provided for Deployment of Advanced Services

42.8.1. Upon request, Sprint shall provide to CLEC:

42.8.1.1. information with respect to the spectrum management procedures and policies that Sprint uses in determining which services can be deployed;

42.8.1.2. information with respect to the rejection of CLEC’s provision of advanced services, together with the specific reason for the rejection; and

42.8.1.3. information with respect to the number of loops using advanced services technology within the binder and type of technology deployed on those loops.

42.8.2. In connection with the provision of advanced services, CLEC shall provide to Sprint the following information on the type of technology that CLEC seeks to deploy where CLEC asserts that the technology it seeks to deploy fits within a generic Power Spectral Density (PSD) mask:

42.8.2.1. information in writing (via the service order) regarding the Spectrum Management Class (SMC), as defined in the T1E1.4/2000-002R2 Draft, of the desired loop so that the loop and/or binder group may be engineered to meet the appropriate spectrum compatibility requirements;

42.8.2.2. the SMC (i.e. PSD mask) of the service it seeks to deploy, at the time of ordering and if CLEC requires a change in the SMC of a particular loop, CLEC shall notify Sprint in writing of the requested change in SMC (via a service order);

42.8.2.3. to the extent not previously provided CLEC must disclose to Sprint every SMC that the CLEC has implemented on Sprint’s facilities to permit effective Spectrum Management.

42.9. Hybrid Loops. Sprint will provide CLEC access to Hybrid Loops for the provision of narrowband services as provided below. Sprint is not required to provide unbundled access to the packet switched features, functions, and capabilities of its Hybrid Loops.

42.9.1. When CLEC requests access to a Hybrid Loop for the

provision of narrowband services, Sprint will

42.9.1.1. Provide non-discriminatory unbundled access to the entire Hybrid Loop capable of providing voice-grade service (i.e. equivalent to DS0 capacity) using time division multiplexing, or

42.9.1.2. Provide non-discriminatory unbundled access to a spare Copper Loop serving that end-user.

42.9.2. Fiber Loops-

42.9.2.1. Dark Fiber Loops

42.9.2.2. Dark Fiber is an optical transmission facility without attached multiplexing, aggregation or other electronics. Dark Fiber is unactivated fiber optic cable, deployed by Sprint, that has not been activated through connections to optronics that light it, and thereby render it capable of carrying communications.

42.9.2.3. Sprint is not required to provide CLEC with access or a FTTC Loop to dark fiber loop on an unbundled basis.

42.9.2.4. For an 18-month period beginning on March 11, 2005, any dark fiber loop UNEs that CLEC leases from Sprint as of March 1, 2005 shall be available for lease from Sprint at the rate on Table One. The charges for dark fiber loop are subject to true-up retroactive to March 11, 2005 regardless of when this Agreement is effective. CLEC may not obtain new dark fiber loops as UNEs.

42.9.2.5. CLEC must submit the necessary orders to convert these UNEs to an alternative service arrangement within eighteen months of March 11, 2005. By September 10, 2006, CLEC must transition the UNEs to alternative facilities or arrangements.

42.9.3. New builds. Sprint will not provide non-discriminatory access to FTTH Loop or a FTTC Loop on an unbundled basis when Sprint has deployed a FTTH Loop to a residential unit that has not been previously served by any loop facility.

42.9.4. Overbuilds. Sprint will not provide non-discriminatory access to FTTH Loop or a FTTC Loop on an unbundled basis when Sprint has deployed a FTTH Loop parallel to, or in replacement of, an existing loop facility, except that:

42.9.4.1. Sprint will maintain the existing Copper Loop connected to a particular customer premises after deploying FTTH Loop or a FTTC Loop and provide non-discriminatory access to the Copper Loop on an unbundled basis unless

Sprint has retired the Copper Loop as set forth below.

42.9.4.2. If Sprint deploys FTTH Loop or a FTTC Loop and maintains the existing Copper Loop, Sprint will restore the Copper Loop to serviceable condition upon request.

42.9.4.3. If Sprint deploys FTTH Loop or a FTTC Loop and retires the existing Copper Loop, Sprint will provide non-discriminatory access to a 64 kilobits per second transmission path capable of voice grade service over the FTTH Loop.

42.9.4.4. Prior to retiring Copper Loop or copper subloop that has been replaced by a FTTH or FTTC Loop, Sprint will comply with the notice requirements set forth in 251(c)(5) of the Act, Sections 51.325 through 51.335 of the Code of Federal Regulations and applicable Commission requirements, if any.

42.10. Tag and Label. At CLEC's request, Sprint will tag and label unbundled loops at the Network Interface Device (NID). Tag and label may be ordered simultaneously with the ordering of the Loop or as a separate service subsequent to the ordering of the Loop.

42.10.1. Sprint will include the following information on the label: order number, due date, CLEC name, and the circuit number.

42.10.2. CLEC must specify on the order form whether each Loop should be tagged and labeled.

42.10.3. The rates for Loop tag and label and related services are set forth on Table One. A trip charge may be billed in addition to the Tag and Label charges.

43. SUBLOOPS

43.1. Sprint will offer unbundled access to copper subloops and subloops for access to multiunit premises wiring. , Sprint will consider all requests for access to subloops through the ICB process due to the wide variety of interconnections available and the lack of standards. A written response will be provided to CLEC covering the interconnection time intervals, prices and other information based on the ICB process as set forth in this Agreement.

43.2. Sprint is not required to provide CLEC access to dark fiber subloops.

43.3. Copper Subloops. Sprint will make available access to copper subloops on an unbundled basis. A copper subloop is a portion of a Copper Loop, or Hybrid Loop, and is comprised entirely of copper wire or copper cable that acts as a transmission facility between any accessible terminal in

Sprint's outside plant, including inside wire owned or controlled by Sprint, and the end-user customer premises. A copper subloop can also include intermediate devices, such as repeaters, used to establish the transmission path. Copper subloops can be used by CLEC to provide voice-grade services as well as digital subscriber line services. Access to copper subloops is subject to the collocation provisions of this Agreement. Copper subloop consists of the distribution portion of the copper loop. Sprint is not obligated to offer feeder loop plant as a stand-alone UNE.

43.3.1. An accessible terminal is any point on the loop where technicians can access a copper wire within the cable without removing a splice case. Such points include, but are not limited to, a pole or pedestal, the serving area interface, the network interface device, the minimum point of entry, any remote terminal, and the feeder/distribution interface.

43.4. Multiunit premises wiring. Sprint will make available to CLEC access to subloops for access to multiunit premises wiring on an unbundled basis. The subloop for access to multiunit premises wiring is defined as any portion of the loop that it is technically feasible to access at a terminal in the incumbent LEC's outside plant at or near a multiunit premises, including inside wire. Inside wire is wire owned or controlled by Sprint at a multiunit customer premises between the minimum point of entry and the point of demarcation.

43.4.1. An accessible terminal is any point in Sprint's network where a technician can access the wire within the cable (e.g., via screw posts, terminals, patch panels) without removing a splice case to reach the wire within to access the wiring in the multiunit premises. Such points include, but are not limited to, a pole or pedestal, the NID, the minimum point of entry, the single point of interconnection, and the feeder/distribution interface.

43.4.2. Upon request for interconnection at a multiunit premises where Sprint owns, controls, or leases wiring, Sprint will provide a single point of interconnection that is suitable for use by multiple carriers. If the Parties do not agree on appropriate terms, conditions and rates for the single point of interconnection to multiunit premises wiring either Party may invoke the Dispute Resolution provisions of this Agreement.

43.5. Sprint will not provide or maintain inside wire in situations where it determines there are health or safety concerns in doing so.

43.6. Deployment of advanced services by CLEC over subloops

will be in accordance with the terms included in 42.7 and 42.8 of this section.

- 43.7. Reverse ADSL Loops. If a CLEC's ADSL Transmission Unit (including those integrated into DSLAMs) is attached to Sprint's Network and if an ADSL Copper Loop should start at an outside location, and is looped through a host or remote, and then to the subscriber, the copper plant from the outside location to the Sprint host or remote central office must be a facility dedicated to ADSL transmission only and not part of Sprint's regular feeder or distribution plant.

44. OPERATIONS SUPPORT SYSTEMS (OSS)

- 44.1. Sprint will offer unbundled access to Sprint's operations support systems to the extent technically feasible in a non-discriminatory manner at Parity. OSS consists of pre-ordering, ordering, provisioning, maintenance and repair, and billing functions supported by Sprint's databases and information.

45. LOOP MAKE-UP INFORMATION

45.1. Loop Make-up information is not provided for in this agreement.

46. DEDICATED TRANSPORT

46.1. Sprint shall provide CLEC with nondiscriminatory access to dedicated transport on an unbundled basis, as set forth in this Agreement. A "route" is a transmission path between one of Sprint's wire centers or switches and another of Sprint's wire centers or switches. A route between two points (e.g., wire center or switch "A" and wire center or switch "Z") may pass through one or more intermediate wire centers or switches (e.g., wire center or switch "X"). Transmission paths between identical end points (e.g., wire center or switch "A" and wire center or switch "Z") are the same "route," irrespective of whether they pass through the same intermediate wire centers or switches, if any.

46.1.1. Sprint is not obligated to provide a requesting carrier with unbundled access to dedicated transport that does not connect a pair of incumbent LEC wire centers (i.e. entrance facilities). Further, Sprint is not obligated to provide DSO or OC-N and above Dedicated Transport facilities as a UNE.

46.2. Dedicated DS1 transport shall be made available to CLEC on an unbundled basis as set forth below. Dedicated DS1 transport consists of Sprint interoffice transmission facilities that have a total digital signal speed of 1.544 megabytes per second and are dedicated to a particular customer or carrier.

46.2.1. Sprint shall unbundle DS1 transport between any pair of Sprint wire centers except where, through application of tier classifications defined in Part A, both wire centers defining the route are Tier 1 wire centers. As such, Sprint will unbundle DS1 transport if a wire center at either end of a requested route is not a Tier 1 wire center, or if neither is a Tier 1 wire center.

46.2.2. CLEC may obtain a maximum of ten unbundled DS1 dedicated transport circuits on each route where DS1 dedicated transport is available on an unbundled basis. If CLEC has more than ten DS1 dedicated transport circuits on a single route CLEC will transition any DS1 dedicated transport circuits on a route in excess of ten to another service within 90 days.

46.2.3. For a 12-month period beginning on March 11, 2005, any DS1 dedicated transport UNE that CLEC leases from Sprint as of that date, but which Sprint is not obligated to unbundle pursuant to Sections 46.2.1 and 46.2.2, shall be available for lease from Sprint at the rates on Table One. CLEC will true-up the rates paid for DS1 dedicated transport back to March 11, 2005. Where Sprint is not required to provide unbundled DS1 transport pursuant Sections 46.2.1 and 46.2.2, CLEC may not obtain new

DS1 transport as unbundled network elements as of March 11, 2005. CLEC must submit the necessary orders to convert these UNEs to an alternative service arrangement within twelve months of March 11, 2005. By the end of the twelve month period, CLEC must have transitioned the UNEs to alternative facilities or arrangements.

46.2.4. If Sprint identifies routes in addition to those listed on Exhibit A that exceed the threshold, Sprint will provide CLEC notice in accordance with the notice provisions of this Agreement. CLEC shall not be able to order new DS1 Dedicated Transport for the identified routes 30 days after the date of the notice. Any DS1 Dedicated Transport leased from Sprint on the date of the notice shall be available for a 12-month period at a rate equal that is 115% of rate CLEC paid on the date of the notice.

46.2.4.1. CLEC must submit the necessary orders to convert these UNEs to an alternative service arrangement within twelve months of the above notice date. By the end of the twelve month period, CLEC must have transitioned the UNEs to alternative facilities or arrangements.

46.3. Dedicated DS3 transport shall be made available to CLEC on an unbundled basis as set forth below. Dedicated DS3 transport consists of Sprint interoffice transmission facilities that have a total digital signal speed of 44.736 megabytes per second and are dedicated to a particular customer or carrier.

46.3.1. Sprint shall unbundle DS3 transport between any pair of Sprint wire centers except where, through application of tier classifications defined in this Agreement, both wire centers defining the route are either Tier 1 or Tier 2 wire centers. As such, Sprint will unbundle DS3 transport if a wire center on either end of a requested route is a Tier 3 wire center.

46.3.2. CLEC obtain a maximum of twelve unbundled DS3 dedicated transport circuits on each route where DS3 dedicated transport is available on an unbundled basis. If CLEC has more than twelve DS3 dedicated transport circuits on a route CLEC will transition any DS3 dedicated transport circuits on a route in excess of twelve to another service within 90 days.

46.3.3. For a 12-month period beginning on March 11, 2005, any DS3 dedicated transport UNE that CLEC leases from Sprint as of that date, but which Sprint is not obligated to unbundle pursuant to sections 46.3.1 and 46.3.2, shall be available for lease from the incumbent LEC at the rate on Table One. CLEC will true-up the rates paid for DS3 dedicated transport back to March 11, 2005. Where Sprint is not required to provide unbundled DS3 transport pursuant to sections 46.3.1 and 46.3.2, CLEC may not obtain new DS3 transport as unbundled network elements. CLEC must submit the necessary orders to convert these UNEs to an alternative service arrangement within twelve months of March 11, 2005. By the end of the twelve month period, CLEC must have transitioned the UNEs to

alternative facilities or arrangements.

46.3.4. If Sprint identifies routes in addition to those listed on Exhibit A that exceed the threshold, Sprint will provide CLEC notice in accordance with the notice provisions of this Agreement. CLEC shall not be able to order new DS3 Dedicated Transport for the identified routes 30 days after the date of the notice. Any DS3 Dedicated Transport leased from Sprint on the date of the notice shall be available for a 12-month period at a rate equal that is 115% of rate CLEC paid on the date of the notice.

46.3.4.1. CLEC must submit the necessary orders to convert these UNEs to an alternative service arrangement within twelve months of the above notice date. By the end of the twelve month period, CLEC must have transitioned the UNEs to alternative facilities or arrangements.

46.4. Technical Requirements for DS1 and DS3 Dedicated Transport

46.4.1. Where technologically feasible and available, Sprint shall offer Dedicated Transport consistent with the underlying technology as follows:

46.4.1.1. When Sprint provides Dedicated Transport, the entire designated transmission circuit (e.g., DS-1, DS-3) shall be dedicated to CLEC designated traffic.

46.4.1.2. Where Sprint has technology available, Sprint shall provide Dedicated Transport using currently available technologies including, but not limited to, DS1 and DS3 transport systems, SONET (or SDS) Bi-directional Line Switched Rings, SONET (or SDH) Unidirectional Path Switched Rings, and SONET (or SDS) point-to-point transport systems (including linear add-drop systems), at all available transmission bit rates.

46.5. Dedicated Dark Fiber Transport

46.5.1. General Rules and Definition

46.5.1.1. Dark Fiber is an optical transmission facility without attached multiplexing, aggregation or other electronics. Dark Fiber is unactivated fiber optic cable, deployed by Sprint, that has not been activated through connections to optronics that light it, and thereby render it capable of carrying communications.

46.5.1.2. Sprint will unbundle Dark Fiber for Dedicated Transport as set forth in this Agreement and as follows:

46.5.1.2.1. Sprint shall unbundle dark fiber transport between any pair of Sprint Wire Centers except where both wire centers defining the route are either Tier 1 or Tier 2

Wire Centers. Sprint will unbundle dark fiber transport if a wire center on either end of a requested route is a Tier 3 wire center.

46.5.1.2.2. Beginning on March 11, 2005 and for an 18-month period, any dark fiber transport UNE that CLEC leases from Sprint, where Sprint is not obligated to provide unbundled dark fiber transport, shall be available at the rates on Table One. CLEC will true-up the rates paid for dark fiber dedicated transport back to March 11, 2005. Where Sprint is not required to provide unbundled dark fiber transport, CLEC may not obtain new dark fiber transport as a UNE.

46.5.1.2.3. CLEC must submit the necessary orders to convert these UNEs to an alternative service arrangement within eighteen months of March 11, 2005. By September 10, 2006, CLEC must have transitioned the UNEs to alternative facilities or arrangements.

46.5.1.3. If Sprint identifies routes in addition to those listed on Exhibit A that exceed the threshold, Sprint will provide CLEC notice in accordance with the notice provisions of this Agreement. CLEC shall not be able to order new Dark Fiber Dedicated Transport for the identified routes 30 days after the date of the notice. Any Dark Fiber Dedicated Transport leased from Sprint on the date of the notice shall be available for a 18-month period at a rate equal that is 115% of rate CLEC paid on the date of the notice.

46.5.1.3.1. CLEC must submit the necessary orders to convert these UNEs to an alternative service arrangement within eighteen months of the above notice date. By the end of the twelve month period, CLEC must have transitioned the UNEs to alternative facilities or arrangements.

46.5.2. Fiber Availability

46.5.2.1. Spare fibers in a sheath are not considered available if Sprint has plans to put the fiber in use within the current year or the following year.

46.5.2.2. Sprint will also maintain fibers to facilitate maintenance, rearrangements and changes. Sprint will generally reserve 8% of

fibers in a sheath for maintenance, subject to a minimum of four (4) fibers and a maximum of twelve (12) fibers.

46.5.2.3. Dark fiber requests will be handled on a first come, first served basis, based on the date the Dark Fiber Application (DFA) is received.

46.5.3. Interconnection Arrangements

46.5.3.1. Rules for gaining access to unbundled network elements apply to Dark Fiber. Virtual and physical collocation arrangements may be used by CLEC to locate the optical electronic equipment necessary to "light" leased Dark Fiber.

46.5.3.2. The CLEC that requests Dark Fiber must be able to connect to the Sprint fiber by means of fiber patch panel.

46.5.3.3. If fiber patch panels (FPPs) are not located within close enough proximity for a fiber patch cord, Sprint will purchase and install intraoffice cabling at the CLEC's expense. This process is outside the scope of this agreement.

46.5.3.4. Establishment of applicable fiber optic transmission equipment or intermediate repeaters needed to power the unbundled Dark Fiber in order to carry Telecommunications Services is the responsibility of the CLEC.

46.5.4. Dark Fiber Application and Ordering Procedure

46.5.4.1. CLEC will submit a Dark Fiber Application (DFA) and application fee to request that Sprint determine the availability of Dark Fiber between the CLEC-specified locations. See Table One for application fee amount.

46.5.4.2. Within twenty (20) business days of receipt of DFA, Sprint will provide CLEC with a response regarding fiber availability and price.

46.5.4.2.1. If Dark Fiber is not available, Sprint will notify CLEC of the DFA rejection.

46.5.4.2.2. CLEC will follow the Dispute Resolution Process outlined in Part B of this Agreement if CLEC wishes to contest the rejection.

46.5.4.3. If Dark Fiber is available, CLEC will notify Sprint of acceptance/rejection of Dark Fiber quote, via a firm order, within ten (10) business days of receipt of quote. Sprint will reserve the requested Dark Fiber for the CLEC during these ten (10) business

days. If, however, CLEC does not submit a firm order by the tenth (10th) business day, the fiber will no longer be reserved.

46.5.4.4. After ten (10) business days of receipt of the price quote, if CLEC has not accepted, CLEC must submit another DFA and application fee.

46.5.4.5. The CLEC will submit a firm order for Dark Fiber via an access service request (ASR).

46.5.4.6. By submitting the Dark Fiber firm order, the CLEC agrees to pay quoted monthly recurring and non-recurring charges. See Table One for monthly recurring and non-recurring charges.

46.5.4.7. Due Date. Sprint will provision Dark Fiber twenty (20) Business Days after it receives firm order from CLEC. Billing of the monthly recurring and non-recurring charges will begin upon completion of Dark Fiber order. Sprint will allow CLEC to extend due date for firm order completion up to sixty (60) business days from the date Sprint receives firm order from CLEC. This extended due date must be specified on the firm order.

46.5.4.7.1. Billing of the monthly recurring and non-recurring charges will begin on the due date of the Dark Fiber order completion unless:

46.5.4.7.1.1. CLEC cancels firm order before the established due date. If this occurs, CLEC agrees to reimburse Sprint for all costs incurred to date; or

46.5.4.7.1.2. a third party submits firm order for same Dark Fiber. If this occurs, CLEC must begin compensating Sprint for monthly recurring and non-recurring charges in order to reserve fiber, once Sprint is able to provide Dark Fiber to CLEC.

46.5.5. Maintenance and Testing

- 46.5.5.1. Sprint is only responsible for maintaining the facilities that it owns.
- 46.5.5.2. Sprint will conduct an end-to-end test of Dark Fiber after receipt of the firm order.
- 46.5.5.3. For meet point arrangements, Sprint will conduct cooperative testing with another carrier at CLEC's request. Additional rates and charges will apply.
- 46.5.5.4. Sprint does not guarantee that the transmission characteristics of the Dark Fiber will remain unchanged over time.
- 46.5.5.5. Sprint is not responsible for determining whether the transmission characteristics of the Dark Fiber will accommodate the CLEC requirements.

46.5.6. Rules for Take Back

- 46.5.6.1. Sprint reserves the right to take back Dark Fiber to meet its carrier of last resort obligations.
- 46.5.6.2. Sprint will provide CLEC twelve (12) months written notice prior to taking back fiber.
- 46.5.6.3. If multiple CLECs have leased fiber within a single sheath, Sprint will take back the fiber that was the last to be leased.
- 46.5.6.4. Sprint will provide the CLEC with alternative transport arrangements when Sprint takes back working fiber.

46.6. The Dispute Resolution Procedures found in Part B of this Agreement will be followed if CLEC wishes to contest Sprint's decision to take back its leased fiber.

47. COMMINGLING

47.1. For the purpose of this section, wholesale services includes both services CLEC procures for resale pursuant to 251(c)(4) and exchange access service purchased from Sprint's access tariffs.

47.1.1. CLEC may Commingle an unbundled network element or combination of UNEs with wholesale services purchased from Sprint, subject to section 48.4.4. Upon request, Sprint will perform the work necessary to Commingle such UNE or UNE combinations with wholesale services purchased from Sprint subject to section 39. Each component of the commingled facility, either UNE or wholesale service, will be billed at the UNE or wholesale service rate for that component, plus applicable non-recurring charges. Sprint will not ratchet price individual components;

that is, Sprint will not reflect a combination of UNE and wholesale rates for the same component. Wholesale service rates will be per the appropriate tariff, including any applicable resale discounts pursuant to this Agreement. Sprint shall not deny access to a UNE on the ground that the UNE or UNE combination shares part of Sprint's network with access services.

48. UNE COMBINATIONS

48.1. CLEC may order UNEs either individually or in the combinations, including EEL as specifically set forth in this Section of the Agreement.

48.2. General Terms and Conditions

48.2.1. Sprint will allow CLEC to order each UNE individually in order to permit CLEC to combine UNEs with other UNEs obtained from Sprint as provided for in this Agreement, or with network components provided by itself or by third parties to provide Telecommunications Services to its end users, if the requested combination is technically feasible and would not impair the ability of other carriers to obtain access to other unbundled network elements or to interconnect with Sprint's network or in combination with any other Network Elements that are currently combined in Sprint's Network. Upon request, Sprint will perform the functions necessary to combine UNEs, even if those elements are not ordinarily combined in Sprint's network, if the requested combination is technically feasible and would not impair the ability of other carriers to obtain access to other unbundled network elements or to interconnect with Sprint's network. To the extent the elements are not ordinarily combined in Sprint's network and the costs of work performed to combine the requested UNEs are not recovered in the unbundled loop rates in accordance with Table One, Sprint will provide a price quote of the actual costs of the combination to the CLEC. If accepted, CLEC will compensate Sprint the costs of work performed to combine the elements.

48.2.2. CLEC may Commingle an unbundled network element or combination of UNEs with access services purchased from Sprint. Upon request, Sprint will perform the work necessary to Commingle such UNE or UNE combinations with wholesale services purchased from Sprint. CLEC will compensate Sprint the costs of work performed to Commingle UNEs or UNE combinations with wholesale services. Each component of the commingled facility, either UNE or access service, will be billed at the UNE or access service rate for that component, plus applicable non-recurring charges, in accordance with the rates in Table One or the applicable Tariff. Sprint will not ratchet price individual components; that is, Sprint will not reflect a combination of UNE and access rates for the same component. Access service rates will be per the

appropriate tariff. Sprint will provide CLEC access to EEL as provided in this Agreement. Any request by CLEC for Sprint to provide combined UNEs that are not otherwise specifically provided for under this Agreement will be made in accordance with the BFR process described in Section 39 and made available to CLEC upon implementation by Sprint of the necessary operational modifications.

- 48.2.3. The provisioning of EEL combinations is limited to existing facilities and Sprint is not obligated to construct additional facilities to accommodate a request by CLEC, except as provided for in Section 39.

48.3. Specific Combinations and Pricing

- 48.3.1. In order to facilitate the provisioning of EELs, Sprint shall support the ordering and provisioning of this specific combination as set forth below.

48.4. Sprint Offers the Following Combinations of Network Elements

- 48.4.1.1. This agreement does not provide for Voice Unbundled Network Element Platform (UNE-P) or provisions for any imbedded base.

- 48.4.2. EEL is the combination of the NID, Loop, and Dedicated Transport network elements.

- 48.4.2.1. Sprint will offer the combination of unbundled loops with wholesale services and unbundled Dedicated Transport, where Sprint is required to provide unbundled Dedicated Transport and Local Loops, to provide EELs at the applicable recurring and non-recurring charges as specified in Table One for Loops, Dedicated Transport, and where applicable, Multiplexing. The applicable recurring and nonrecurring charges, including but not limited to cross connect charges and Service Order Charges. Sprint will cross-connect unbundled 2 or 4-wire analog or 2-wire digital Loops to unbundled voice grade DS1 or DS3 Dedicated Transport facilities for CLEC's provision of circuit switched telephone exchange service to CLEC's end users.

- 48.4.2.2. Multiplexing shall be provided as necessary as part of Dedicated Transport.

- 48.4.3. In order to obtain the EEL combinations below, a requesting CLEC must provide certification that it satisfies the service eligibility criteria for each circuit as set forth below. For existing EELs, CLEC must recertify compliance with the EELs criteria within 30 days of the Effective Date of this Agreement. CLEC must continue to be in compliance with the service eligibility criteria for as long as CLEC continues to receive the services in this section. Sprint will offer the following EEL

Combinations:

- 48.4.3.1. Unbundled DS1 Loop in combination with UNE DS1 Dedicated Transport.
- 48.4.3.2. Unbundled DS1 Loop commingled with dedicated DS1 transport wholesale service.
- 48.4.3.3. Unbundled DS1 Loop in combination with UNE DS3 Dedicated Transport.
- 48.4.3.4. Unbundled DS1 Loop commingled with dedicated DS3 transport wholesale service.
- 48.4.3.5. Unbundled DS3 Loop in combination with UNE DS3 Dedicated Transport.
- 48.4.3.6. Unbundled DS3 Loop commingled with dedicated DS3 transport wholesale service.
- 48.4.3.7. Unbundled DS1 Dedicated Transport commingled with DS1 channel termination.
- 48.4.3.8. Unbundled DS3 Dedicated Transport commingled with DS1 channel termination service.
- 48.4.3.9. Unbundled DS3 Dedicated Transport commingled with DS3 channel termination service.

48.4.4. EEL Eligibility Criteria

- 48.4.4.1. CLEC must have state certification to provide local voice service in the area being served or, in the absence of a state certification requirement, CLEC must have complied with registration, tariffing, filing fee, or other regulatory requirements applicable to the provision of local voice service in the area served;
- 48.4.4.2. The following criteria must be satisfied for each combined circuit, including each DS1 circuit, each DS1 EEL, and each DS1-equivalent circuit on a DS3 EEL:
 - 48.4.4.2.1. Each circuit to be provided to each CLEC customer must be assigned one local number prior to the provision of service over the circuit;
 - 48.4.4.2.2. Each DS1-equivalent circuit on a DS3 EEL must have its own local number

assignment, so that each DS3 has at least 28 local voice numbers assigned to it;

48.4.4.2.3. Each circuit to be provided to each customer must provide 911 or E911 capability prior to the provision of service over the circuit;

48.4.4.2.4. Each circuit to be provided to each customer must terminate into a collocation that meets one of the following requirements:

48.4.4.2.4.1. a collocation established pursuant to section 251(c)(6) of the Act and located at Sprint's premises within the same LATA as the CLEC's customer's premises, when Sprint is not the collocator; or

48.4.4.2.4.2. a collocation located at a third party's premises within the same LATA as the CLEC's customer's premises, when Sprint is the collocator.

48.4.4.2.5. For each 24 DS1 EELs or other facilities having equivalent capacity, CLEC must maintain at least one active DS1 local service interconnection trunk and CLEC is required to transmit the calling party's number in connection with calls exchanged over each trunk. Where CLEC does not establish an interconnection arrangement with Sprint for the meaningful exchange of Local Traffic that flows in both directions, such interconnection arrangement shall not satisfy this criteria, and

48.4.4.2.6. Each circuit to be provided to each customer will be served by a switch capable of switching local voice traffic.

48.4.4.3. Sprint has the right, upon thirty (30) Days notice, to audit CLEC's compliance with the service eligibility criteria defined by the FCC and as set forth above. Sprint will hire and pay for an independent auditor to perform the audit. CLEC will reimburse Sprint if the audit report concludes that CLEC failed to comply with the service eligibility criteria. Sprint may request one audit in a calendar year. In the instance of non-compliance, CLEC shall true-up any

difference in payments, convert the non-compliant circuit to the appropriate service and make accurate payments going forward. These audit rights are in addition to Sprint's audit rights in Part B of this Agreement.

49. MODIFICATIONS TO SPRINT'S EXISTING NETWORK

49.1. Modifications to Unbundled Loop

49.1.1. Sprint will make routine network modifications to unbundled loop facilities used by CLEC where the requested loop facility has already been constructed. Sprint will perform routine network modifications to unbundled loop facilities in a nondiscriminatory fashion and in the same manner Sprint performs network modifications for itself and its affiliates, without regard to whether the loop facility being accessed was constructed on behalf, or in accordance with the specifications, of any carrier. CLEC will compensate Sprint for the costs of such routine network modifications to unbundled loop facilities to the extent the costs are not recovered in the unbundled loop rates in accordance with Table One or Sprint will provide a price quote via the ICB process.

49.1.1.1. In the case of unbundled loop facilities, a routine network modification is an activity that Sprint regularly undertakes for its own customers. Routine network modifications may include, but are not limited to, rearranging or splicing of cable; adding an equipment case; adding a doubler or repeater; adding a smart jack; installing a repeater shelf; adding a line card; and, deploying a new multiplexer or reconfiguring an existing multiplexer and attaching electronic and other equipment that Sprint ordinarily attaches to a DS1 Loop to activate such loop for its own customer. Routine network modifications may entail activities such as accessing manholes, deploying bucket trucks to reach aerial cable, and installing equipment casings. Routine network modifications do not include the construction of new loop facilities or the installation of new aerial or buried cable for CLEC.

49.1.2. Sprint is not obligated to build TDM capability into new packet-based networks or into existing packet-based networks that never had TDM capability. This includes packet-based networks that incorporate a packet to TDM format translation to connect to end user customer provided equipment.

49.2. Modifications to Dedicated Transport

49.2.1. Sprint will make routine network modifications to unbundled dedicated transport facilities used by CLEC where the

requested Dedicated Transport facilities have already been constructed. Sprint will perform the routine network modifications to unbundled Dedicated Transport facilities in a nondiscriminatory fashion, without regard to whether the facility being accessed was constructed on behalf, or in accordance with the specifications, of any carrier. CLEC will compensate Sprint for the costs of such routine network modifications to unbundled Dedicated Transport facilities to the extent the costs are not recovered in the unbundled Dedicated Transport rates. Sprint will provide routine network modifications at the rates on Table One or Sprint will provide a price quote via the ICB process.

49.2.1.1. In the case of unbundled Dedicated Transport facilities, a routine network modification is an activity that Sprint regularly undertakes for its own customers. Routine network modifications may include, but are not limited to, rearranging or splicing of cable; adding an equipment case; adding a doubler or repeater; installing a repeater shelf; and deploying a new multiplexer or reconfiguring an existing multiplexer. Routine network modifications also include activities needed to enable CLEC to light a Dark Fiber transport facility. Routine network modifications may entail activities such as accessing manholes, deploying bucket trucks to reach aerial cable, and installing equipment casings. Routine network modifications do not include the installation of new aerial or buried cable for CLEC.

49.3. Loop Conditioning

49.3.1. Conditioned loops are loops from which excessive bridge taps, load coils, low-pass filters, range extenders, and similar devices have been removed to enable the delivery of high-speed switched wireline telecommunications capability, including DSL. Sprint will condition loops at CLEC's request and will assess charges for loop conditioning in accordance with the prices listed in Table One.

PART E - INTERCONNECTION

50. LOCAL INTERCONNECTION TRUNK ARRANGEMENT

50.1. The Parties shall reciprocally terminate Local Traffic and IntraLATA/InterLATA toll calls originating on the other Party's network as follows:

50.1.1. The Parties shall make available to each other two-way trunks (one-way directionalized) for the reciprocal exchange of combined Local Traffic, and non-equal access IntraLATA toll traffic. Neither Party is obligated under this Agreement to order reciprocal trunks or build facilities in the establishment of interconnection arrangements for the delivery of Internet traffic. The Party serving the Internet service provider shall order trunks or facilities from the appropriate tariff of the other Party for such purposes and will be obligated to pay the full cost of such facility.

50.1.1.1. The Parties agree to initially use two-way trunks (one-way directionalized) for an interim period. The Parties shall transition from directionalized one-way trunks upon mutual agreement, to two-way bi-directional trunking, absent engineering or billing issues. The Parties shall transition all two-way trunks (one-way directionalized) trunks established under this Agreement.

50.2. Separate two-way trunks will be made available for the exchange of equal-access InterLATA or IntraLATA interexchange traffic

50.2.1. Separate trunks will be utilized for connecting CLEC's switch to each 911/E911 tandem.

50.3. Points of Interconnection

50.3.1. Point of Interconnection. Unless interconnecting with Sprint on an indirect basis, subject to Section 54, CLEC will establish a POI at each Sprint Tandem where CLEC has assigned NPA-NXXs subtending that Sprint Tandem and at each Sprint Tandem that has subtending NPA-NXXs that share a mandatory local calling area with CLEC's assigned NPA-NXXs. A mandatory local calling area shall include mandatory Extended Area Service ("EAS").

50.3.1.1. CLEC must establish a direct end office trunk at a Sprint end office within a tandem serving area as described in 47.3.1, when total traffic volumes exchanged between that particular Sprint end office and CLEC exceeds the equivalent of ten (10) DS1s for a period of three (3) months.

50.3.1.2. CLEC will be responsible for engineering and maintaining its network on its side of the Physical POI. Sprint will be responsible for engineering and maintaining its network on its side of the Physical POI. Sprint reserves the right to provide its own transport to CLEC's network for the delivery of Sprint originated traffic as provided for herein.

50.3.1.3. For construction of new facilities when the Parties choose to interconnect at a mid-span meet, CLEC and Sprint will jointly provision the facilities that connect the two networks. Sprint will be the "controlling carrier" for purposes of MECOD guidelines, as described in the joint implementation plan. Sprint will provide fifty percent (50%) of the facilities or to its exchange boundary, whichever is less. The construction of new facilities for a mid-span meet is only applicable when traffic is within a 3:1 ratio between Parties or upon mutual agreement of the Parties. Notwithstanding any provision in this Agreement to the contrary, when the Parties interconnect using a mid-span meet, each Party will be financially responsible for the facilities on its side of the mid-span meet and will not bill the other party for any portion of those facilities.

50.3.1.4. If third party (i.e. Competitive Access Provider or "CAP") leased facilities are used for interconnection, the Physical POI will be defined as the Sprint office in which the third party's leased circuit terminates.

50.4. Technical Requirements for Interconnection

50.4.1. Interconnection at the Sprint Tandem:

50.4.1.1. Interconnection to Sprint Tandem Switch(es) will provide CLEC local interconnection for local service purposes to the Sprint end offices and NXXs which subtend that tandem(s), where local trunking is provided, and access to the toll network.

50.4.1.2. Interconnection to a Sprint Tandem for transit purposes will provide access to telecommunications carriers which are connected to that Tandem Switch.

50.4.1.3. Where a Sprint Tandem Switch also provides End-Office Switch functions, interconnection to a Sprint tandem serving that exchange will also provide CLEC access to Sprint's end offices.

50.4.2. Interconnection at the Sprint End Office

50.4.2.1. Interconnection to Sprint End Office Switch will provide CLEC local interconnection for local service purposes to the Sprint NXX codes served by that end office and any Sprint NXXs served by remotes that subtend those End Offices.

51. INTERCARRIER COMPENSATION

51.1. The Parties agree to “Bill and Keep” for mutual reciprocal compensation for the termination of Local Traffic and ISP-Bound Traffic on the network of one Party which originates on the network of the other Party. Under Bill and Keep, each Party retains the revenues it receives from end user customers, and neither Party pays the other Party for terminating the Local Traffic or ISP-Bound Traffic which is subject to the Bill and Keep compensation mechanism. The Bill and Keep arrangement is subject to the following conditions:

51.1.1. Bill and Keep is limited to Local Traffic and ISP-Bound Traffic only.

51.1.2. Bill and Keep applies to traffic between a CLEC end office and a Sprint tandem and is limited to the equivalent of one DS3 unless otherwise mutually agreed to by parties. (one-way from CLEC to Sprint).

51.1.3. Traffic Studies may be conducted semi-annually to measure the amount of traffic on the interconnection trunks to detect an out of balance condition. Parties agree to share the results of such studies.

51.1.4. Either Party can cancel the Bill and Keep compensation arrangement when traffic volumes require the installation of more than 24 one-way trunks or when the usage is out of balance by more than 10%. Formal notification of the cancellation must be provided in writing 90 days prior to the Effective Date. Notwithstanding anything in this Agreement to the contrary, the Parties may continue the Bill and Keep compensation arrangement by mutual agreement.

51.1.5. If either Party does deliver such written notice, the Parties will negotiate an amendment to this Agreement under applicable law reflecting charges to be assessed by each Part for terminating Local Traffic. If the Parties are unable to negotiate such an amendment, the Parties agree to resolve the issue under the dispute resolution section of this Agreement.

51.1.6. Bill and Keep does not apply to local traffic originated by the CLEC, transiting Sprint's network, and terminated by a third party in which case applicable transit charges will apply. Sprint will not assume transport and termination liabilities on behalf of the calls originated by the CLEC.

51.1.7. ISP-Bound Traffic will be exchanged on a "Bill and Keep" basis. Under Bill and Keep, each Party retains the revenues it receives from end user customer, and neither Party pays the other Party for terminating the ISP-Bound Traffic.

51.2. Transport Compensation

51.2.1. Each Party is responsible for transport of its originating traffic to the POI where parties are interconnected.

51.2.2. Traffic delivered to a Party that exceeds a 3:1 ratio of terminating to originating traffic is presumed to be ISP-Bound Traffic. This presumption may be rebutted by either Party consistent with the provisions of the FCC's Order on Remand and Report and Order, FCC 01-131, CC Dockets No. 96-98 and 99-68,

adopted April 18, 2001 (the "ISP Compensation Order").

51.3. CLEC shall pay a transit rate, comprised of the transport and tandem rate elements, as set forth in Part C, Table One of this Part when CLEC uses a Sprint access tandem to terminate a local call to a third party LEC or another CLEC. Sprint shall pay CLEC a transit rate equal to the Sprint rate referenced above when Sprint uses a CLEC switch to terminate a local call to a third party LEC or another CLEC.

51.3.1. CLEC must compensate Sprint for the transport of ISP bound traffic when transport of such traffic is required outside Sprint's Local Calling Area where the call originates to deliver the traffic to the POI. Such transport will be at TELRIC based transport rates.

51.4. Compensation for the termination of toll traffic and the origination of 800 traffic between the interconnecting parties shall be based on the applicable access charges in accordance with FCC and Commission Rules and Regulations and consistent with the provisions of Part F of this Agreement and the carrier's respective tariffs unless otherwise modified herein.

51.5. Calls terminated to end users physically located outside the local calling area in which their NPA/NXXs are homed (Virtual NXXs), are not local calls for purposes of intercarrier compensation and access charges shall apply. For Sprint-originated traffic terminated to CLEC's Virtual NXXs, Sprint shall not be obligated to pay reciprocal compensation, including any shared interconnection facility costs, for such traffic. For CLEC-originated traffic terminated to Sprint's Virtual NXXs, Comcast shall not be obligated to pay reciprocal compensation, including any shared interconnection facility costs, for such traffic.

51.6. Until the FCC issues an order on the application of switched access charges or other forms of intercarrier compensation for Voice over Internet Protocol (VoIP) services, voice calls that are transmitted in whole or in part via the public Internet or a private IP network and that interface with the public switched telephone network (i.e. Sprint's network) shall be compensated in the same manner as voice traffic (e.g. bill and keep for reciprocal compensation traffic and interstate access and intrastate access for toll traffic). Upon the issuance of an FCC order that prescribes a different treatment for the application of

switched access charges or other forms of intercarrier compensation for VoIP services, the Parties will negotiate an amendment consistent with such order, in accordance with subsection 4.2, to be effective as of the date of the order. Until such amendment is executed, routing and compensation of relevant traffic shall not be modified. Any retroactive billing adjustments resulting from such amendment are subject to the audit provisions of Sec.8, provided however, that an audit or examination conducted under the terms of Section 8, shall not delay the implementation of the new compensation regime beyond the signature date of the negotiated amendment.

51.7. A call placed on a non-local basis (e.g., a toll call or 8yy call) to an ISP shall not be treated as ISP-Bound Traffic for compensation purposes. The Parties agree that, to the extent such "non-Local" ISP calls are placed, that the rates, terms and conditions for IntraLATA and/or InterLATA calling shall apply, including but not limited to rating and routing according to the terminating parties' Exchange Access intrastate and/or interstate tariffs.

51.8. CLEC will identify the Percent Local Usage (PLU) factor on each interconnection order to identify its "Local Traffic," as defined herein, for reciprocal compensation purposes. Sprint may request CLEC's traffic study documentation of the PLU at any time to verify the factor, and may compare the documentation to studies developed by Sprint. Should the documentation indicate that the factor should be changed by Sprint, the Parties agree that any changes will be retroactive to traffic for the previous two years. Should the documentation indicate it is warranted such change in the factor may be back to the effective date of the Agreement. For non-local traffic, the Parties agree to exchange traffic and compensate one another based on the rates and elements included in each party's access tariffs. CLEC will transmit calling party number (CPN) as required by FCC rules (47 C.F.R. 64.1601).

51.8.1. To the extent technically feasible, each Party will transmit calling party number (CPN) for each call being terminated on the other's network. If the percentage of calls transmitted with CPN is greater than 90%, all calls exchanged without CPN will be billed as local or intrastate in proportion to the MOUs of calls exchanged with CPN. If the percentage of calls transmitted with CPN is less than 90%, all calls transmitted without CPN will be billed as intraLATA toll traffic.

51.9. Compensation for Shared Interconnection Facility

51.9.1. The transmission facility that connects Sprint and CLEC network is defined as the "Interconnection Facility." The Interconnection Facility may be a shared facility used by both parties to originate and terminate traffic.

51.9.1.1. Notwithstanding any other provision to the contrary, if CLEC provides one-hundred percent (100%) of the Interconnection Facility via lease of meet-point circuits between Sprint and a third-party; lease of Sprint facilities, lease of third party facilities; or construction of its own facilities; the POI for the mutual exchange of traffic will be the Sprint office where the leased facility terminates.

51.9.1.2. CLEC may charge Sprint for Sprint's proportionate share of the recurring charges for transport facilities leased from Sprint based on the percentage of the total traffic originated by Sprint (excluding any toll traffic, and ISP Bound Traffic). CLEC will bill Sprint an amount equal to a percentage of Sprint's total interconnection facilities billing to CLEC at the same rates Sprint bills CLEC for those facilities. CLEC shall be financially responsible for any facilities, or portion of facilities, used to carry ISP-Bound traffic terminated by CLEC or toll traffic.

51.9.2. In the event that CLEC elects to offer service within Sprint's serving area using a switch located outside Sprint's serving area, CLEC agrees to provide the interconnection facility for both Parties' traffic outside Sprint's contiguous serving area in which CLEC offers service, at no charge to Sprint. Sprint will not compensate CLEC for the shared interconnection facility beyond Sprint's contiguous serving area in which CLEC offers service.

51.9.3. Sprint is not obligated to utilize interconnection facilities provided by CLEC to terminate Sprint originated traffic to CLEC.

51.9.4. Should Sprint elect to provision its own transport to CLEC's network to deliver its originated traffic or if CLEC elects to use Indirect Interconnection, there is no shared interconnection facility for which Sprint would compensate CLEC. Should Sprint elect to provision its own transport to CLEC's network to deliver its originated traffic, Sprint reserves the right to only provision to the boundary of Sprint's contiguous serving area in the LATA.

52. SIGNALING NETWORK

52.1. Sprint will offer interconnection to its signaling transfer points (STPs) for CLEC switches which connect to Sprint's

STPs via "A" links or for CLEC's "B" or "D" links which are dedicated to the transport of signaling for local interconnection.

- 52.2. Signaling protocol. The parties will interconnect their networks using SS7 signaling where technically feasible and available as defined in FR 905 Telcordia Standards including ISDN User Part (ISUP) for trunk signaling and TCAP for CCS-based features in the interconnection of their networks. All Network Operations Forum (NOF) adopted standards shall be adhered to.
- 52.3. Standard interconnection facilities shall be Extended Superframe (ESF) with B8ZS line code. Where ESF/B8ZS is not available, CLEC will use other interconnection protocols on an interim basis until the standard ESF/B8ZS is available. Sprint will provide anticipated dates of availability for those areas not currently ESF/B8ZS compatible.
- 52.4. Where CLEC is unwilling to utilize an alternate interconnection protocol, CLEC will provide Sprint an initial forecast of 64 Kbps clear channel capability ("64K CCC") trunk quantities within thirty (30) Days of the Effective Date consistent with the forecasting agreements between the parties. Upon receipt of this forecast, the parties will begin joint planning for the engineering, procurement, and installation of the segregated 64K CCC Local Interconnection Trunk Groups, and the associated ESF facilities, for the sole purpose of transmitting 64K CCC data calls between CLEC and Sprint. Where additional equipment is required, such equipment would be obtained, engineered, and installed on the same basis and with the same intervals as any similar growth job for IXC, CLEC, or Sprint internal customer demand for 64K CCC trunks.
- 52.5. Signaling Point of Interconnection (SPOI) for each link shall be located at a cross-connect element, such as a DSX-1, in the Central Office (CO) where the Sprint STP is located. Interface to Sprint's STP shall be the 56kb rate. The 56kb rate can be part of a larger facility, and CLEC shall pay multiplexing/demultiplexing and channel termination, plus mileage of any leased facility.

53. TRUNK FORECASTING

- 53.1. The Parties shall work towards the development of joint forecasting responsibilities for traffic utilization over trunk

groups. Orders for trunks that exceed forecasted quantities for forecasted locations will be accommodated as facilities and or equipment are available. The Parties shall make all reasonable efforts and cooperate in good faith to develop alternative solutions to accommodate orders when facilities are not available. Intercompany forecast information must be provided by the Parties to each other twice a year. The initial trunk forecast meeting should take place soon after the first implementation meeting. A forecast should be provided at or prior to the first implementation meeting. The semi-annual forecasts shall project trunk gain/loss on a monthly basis for the forecast period, and shall include:

53.1.1. Semi-annual forecasted trunk quantities (which include baseline data that reflect actual Tandem and end office Local Interconnection and meet point trunks and Tandem-subtending Local Interconnection end office equivalent trunk requirements) for no more than two years (current plus one year);

53.1.2. The use of Common Language Location Identifier (CLLI-MSG), which are described in Telcordia documents BR 795-100-100 and BR 795-400-100;

53.1.2.1. Description of major network projects that affect the other Party will be provided in the semi-annual forecasts. Major network projects include but are not limited to trunking or network rearrangements, shifts in anticipated traffic patterns, or other activities by either party that are reflected by a significant increase or decrease in trunking demand for the following forecasting period.

53.1.3. Parties shall meet to review and reconcile their forecasts if forecasts vary significantly.

53.1.4. In addition, CLEC shall provide a trunk forecast when establishing a Point of Interconnection.

53.1.5. Each Party shall provide a specified point of contact for planning forecasting and trunk servicing purposes.

53.1.6. Trunking can be established to Tandems or end offices or a combination of both via either one-way or two-way trunks. Trunking will be at the DS-0, DS-1, DS-3/OC-3 level, or higher, as agreed upon by CLEC and Sprint.

53.1.7. The parties agree to abide by the following if a forecast cannot be agreed to: local interconnection trunk groups will be provisioned to the higher forecast. A blocking standard of one

percent (1%) during the average busy hour shall be maintained. Should the Parties not agree upon the forecast, and the Parties engineer facilities at the higher forecast, the Parties agree to abide by the following:

53.1.7.1. In the event that one Party over-forecasts its trunking requirements by twenty percent (20%) or more, and the other Party acts upon this forecast to its detriment, the other Party may recoup any actual and reasonable expense it incurs.

53.1.7.2. The calculation of the twenty percent (20%) over-forecast will be based on the number of DS-1 equivalents for the total traffic volume to Sprint.

53.1.7.3. Expenses will only be recouped for non-recoverable facilities that cannot otherwise be used at any time within twelve (12) months after the initial installation for another purpose including but not limited to: other traffic growth between the Parties, internal use, or use with another party.

53.2. Grade of Service. An overall blocking standard of one percent (1%) during the average busy hour, as defined by each Party's standards, for final trunk groups between a CLEC end office and a Sprint access Tandem carrying meet point traffic shall be maintained. All other Tandem trunk groups are to be engineered with a blocking standard of one percent (1%). Direct end office trunk groups are to be engineered with a blocking standard of one percent (1%).

53.3. Trunk Servicing. Orders between the Parties to establish, add, change or disconnect trunks shall be processed by use of an ASR, or another industry standard eventually adopted to replace the ASR for trunk ordering.

54. NETWORK MANAGEMENT

54.1. Protective Protocols. Either Party may use protective network traffic management controls such as 7-digit and 10-digit code gaps 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 Sprint will immediately notify each other of any protective control action planned or executed.

54.2. Expansive Protocols. 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.

- 54.3. Mass Calling. CLEC and Sprint shall cooperate and share pre-planning information, where available, 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.

55. USAGE MEASUREMENT

- 55.1. Each Party shall calculate terminating interconnection minutes of use based on standard AMA recordings made within each Party's network, these recordings being necessary for each Party to generate bills to the other Party. In the event either Party cannot measure minutes terminating on its network where technically feasible, the other Party shall provide the measuring mechanism or the Parties shall otherwise agree on an alternate arrangement.

- 55.2. 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 period and then rounded to the next whole minute.

- 55.3. Prior to the commencement of billing for interconnection, each Party shall provide to the other, the PLU for traffic terminated to each other over the Local Interconnection trunk groups.

55.3.1. The Parties agree to review the accuracy of the PLU on a regular basis. If the initial PLU is determined to be inaccurate by more than twenty percent (20%), the Parties agree to implement the new PLU retroactively to the Effective Date of the contract.

56. TRANSIT TRAFFIC

- 56.1. Transit Traffic means the delivery of Local Traffic or ISP-Bound Traffic by CLEC or Sprint originated by the end user of one Party and terminated to a third party LEC, ILEC, or CMRS provider over the local/intraLATA interconnection trunks.
- 56.2. To the extent network and contractual arrangements exist with all necessary parties throughout the term of this

Agreement, and where indirectly interconnected parties have an interconnection to the same Sprint tandem, Sprint will provide Transit Services for CLEC's connection of its end user to a local end user of: (1) other CLECs, (2) an ILEC other than Sprint, (3) IXCs, and (4) other CMRS carriers.

56.3. Terms and Conditions

56.3.1. Each Party acknowledges that a third-party LEC may block transit traffic. To the extent the originated traffic is blocked by a third party, the transiting Party shall have no obligation to resolve the dispute. Each Party acknowledges that the transiting Party does not have any responsibility to pay any third-party Telecommunications Carrier charges for termination of any identifiable Transit Traffic from the originating Party. Both Parties reserve the right not to pay such charges on behalf of the originating Party. Each Party acknowledges that it is the originating Party's responsibility to enter into arrangements with each third party LEC, CLEC, or CMRS provider for the exchange of transit traffic to that third party. Each Party acknowledges that the Transit Provider does not have any responsibility to pay any third party LEC, CLEC or CMRS provider charges for termination or any transit traffic from the originating Party. Both Parties reserve the right not to pay such charges on behalf of the originating Party.

56.3.2. Each terminating Party is responsible for billing the originating company for traffic terminated on its respective network. For Transit Traffic, the originating Party, upon request of the terminating Party will provide the originating billing information to the terminating Party, if technically feasible. This shall not absolve either party of the responsibility to transmit to the terminating Party CPN and originating Party OCN if transmitted by the originating Party. If the originating Party cannot provide the originating billing information to the terminating Party, then the terminating Party must obtain the originating billing information from the third-party transit company. Any costs incurred by the terminating Party in obtaining the records, and costs incurred in manual billing, will be billed back to the originating Party. It is each Party's responsibility to enter into appropriate contractual arrangements with the third-party transit company in order to obtain the originating billing information from the transit company.

56.3.3. Notwithstanding any other provision to the contrary, once the Transit Traffic volume between CLEC and third party carrier, which is transited by Sprint, exceeds a DS1 equivalent of traffic for a ninety (90) day period, Sprint will no longer provide transit service and CLEC must establish a direct interconnection with the

third party for the exchange of such traffic. Sprint will notify CLEC when the traffic volume reaches a DS1 equivalent of traffic. Within sixty (60) Days of such notification CLEC shall establish a direct interconnection with such third party. After sixty (60) Days, if CLEC has not established a direct interconnection and if CLEC is exercising its best efforts to implement a direct connection with such third party, Sprint shall continue to transit the traffic. If Sprint disagrees that CLEC is using its best efforts to implement a direct connection, Sprint may seek relief pursuant to the Dispute Resolution provisions.

56.4. Payment Terms and Conditions

56.4.1. In addition to the payment terms and conditions contained in other Sections of this Agreement, the originating Party shall pay to the transiting Party a transit service charge as set forth in Table One.

56.4.2. CLEC shall pay a transit rate as set forth in Table One of this Part when CLEC uses a Sprint access tandem to terminate a local or ISP-bound call to a third party LEC or another CLEC. Sprint shall pay CLEC a transit rate equal to the Sprint rate referenced above when Sprint uses a CLEC switch to terminate a local call to a third party LEC or another CLEC.

56.5. Billing Records and Exchange of Data

56.5.1. Parties will use the best efforts to convert all network's transporting transit traffic to deliver each call to the other Party's network with SS7 Common Channel Interoffice Signaling (CCIS) and other appropriate TCAP messages in order to facilitate full interoperability and billing functions. The Parties agree to send all message indicators, including originating telephone number, local routing number and CIC.

56.5.2. The transiting Party agrees to provide the terminating Party information on traffic originated by a third party CLEC, ILEC, or CMRS provider. To the extent Sprint incurs additional cost in providing this billing information, CLEC agrees to reimburse Sprint for its direct costs of providing this information.

56.5.3. To the extent that the industry adopts a standard record format for recording originating and/or terminating transit calls, both Parties agree to comply with the industry-adopted format to exchange records.

57. INDIRECT TRAFFIC

57.1. Interconnection

57.1.1. For purposes of exchanging Indirect Traffic there is

no physical or direct point of interconnection between the Parties, therefore neither Party is required to construct new facilities or make mid-span meet arrangements available to the other Party for Indirect Traffic.

57.1.2. Interconnection to a CLEC will provide Sprint with access to the CLEC's end-users and to other companies which are likewise connected to CLEC for local and toll service purposes. Notwithstanding any other provision to the contrary, once the Indirect Traffic volume between CLEC and a Sprint end office exceeds a DS1 equivalent of traffic, Sprint will no longer allow indirect interconnection and CLEC must establish a direct interconnection with Sprint for the exchange of traffic. Sprint will notify CLEC when the traffic volume reaches a DS1 equivalent of traffic. Within ninety (90) Days of such notification CLEC shall establish a direct interconnection with Sprint.

57.1.3. It is the intent of the Parties when indirectly interconnecting, to do so at the tandem switch at which a given Sprint end office subtends.

57.1.4. Interconnection to CLEC will provide Sprint with access to CLEC's end-users and to other companies which are likewise connected to CLEC for local and toll service purposes.

57.2. Exchange Of Traffic

57.2.1. The Parties may send each other Indirect Traffic,

57.2.2. Each Party acknowledges that it is the originating Party's responsibility to enter into transiting arrangements with the third party providing the transit services.

57.2.3. Each Party is responsible for the transport of originating calls from its network to its point of interconnection with the transiting party. Each terminating party is responsible for billing the originating company for traffic terminated on its respective network. For this indirect traffic, the originating Party will provide the originating billing information to the terminating Party, if technically feasible. If the originating Party cannot provide the originating billing information to the terminating Party, then the terminating Party must obtain the originating billing information from the third-party transit company. Any costs incurred by the terminating Party in obtaining the records, and costs incurred in manual billing, will be billed back to the originating Party.

57.2.4. The originating party is responsible for the payment of transit charges assessed by the transiting party.

57.3. Compensation for Indirect Traffic

57.3.1. Non-Local and Non-ISP-Bound Indirect Traffic

57.3.1.1. Compensation for the termination of non-Local traffic, non-ISP-Bound Traffic and the origination of 800 traffic between the interconnecting Parties shall be based on the applicable access charges in accordance with FCC and Commission Rules and Regulations.

57.3.1.2. Toll traffic switched access, and special access traffic, if separately chargeable, shall be charged the appropriate rate out of the terminating LEC's tariff or via other appropriate meet point access arrangements. Where exact transport mileage is not available, an average, arrived at by mutual agreement of the Parties, will be used.

57.3.2. Local Traffic and ISP-Bound Traffic. The rates set forth on Table One shall apply, in accordance with Section 35.

57.3.2.1. Indirect Traffic Terminating to Sprint

57.3.2.1.1. Each rate element utilized in completing a call shall be charged for completion of that call. For example, a call terminating from CLEC through the transiting party, and over Sprint facilities to a Sprint End Office Switch would include charges from Sprint to CLEC for Common Transport to the End Office Switch

and End Office switching. A call terminating from CLEC through the transiting party, and then over Sprint facilities through a Sprint End Office Switch to a Sprint Remote Switch would include charges from Sprint to CLEC for Common Transport to the End Office Switch (except where the transiting party is collocated in the Sprint End Office), End Office switching, and Common Transport to the Remote Switch.

57.3.2.2. Indirect Traffic Terminating to CLEC:

57.3.2.2.1. For Indirect Traffic terminating on CLEC's network, CLEC will bill Sprint the same rates as Sprint charges CLEC for Indirect Local Traffic terminating on Sprint's network in accordance with Section 51.

58. RESPONSIBILITIES OF THE PARTIES

- 58.1.** Sprint and CLEC will review engineering requirements consistent with the Implementation Plan described in Part B, Part C, Part F and as otherwise set forth in this Agreement.
- 58.2.** CLEC and Sprint shall share responsibility for all Control Office functions for Local Interconnection Trunks and Trunk Groups, and both parties shall share the overall coordination, installation, and maintenance responsibilities for these trunks and trunk groups.
- 58.3.** CLEC and Sprint shall:
 - 58.3.1.** Provide trained personnel with adequate and compatible test equipment to work with each other's technicians.
 - 58.3.2.** Notify each other when there is any change affecting the service requested, including the due date.
 - 58.3.3.** Coordinate and schedule testing activities of their own personnel, and others as applicable, to ensure its interconnection trunks/trunk groups are installed per the interconnection order, meet agreed-upon acceptance test requirements, and are placed in service by the due date.
 - 58.3.4.** Perform sectionalization to determine if a trouble is located in its facility or its portion of the interconnection trunks prior to referring the trouble to each other.
 - 58.3.5.** Advise each other's Control Office if there is an

equipment failure which may affect the interconnection trunks.

58.3.6. Provide each other with a trouble reporting/repair contact number that is readily accessible and available twenty-four (24) hours/seven (7) days a week. Any changes to this contact arrangement must be immediately provided to the other party.

58.3.7. Provide to each other test-line numbers and access to test lines.

58.3.8. Cooperatively plan and implement coordinated repair procedures for the meet point and Local Interconnection trunks and facilities to ensure trouble reports are resolved in a timely and appropriate manner.

PART F - LOCAL NUMBER PORTABILITY

59. INTRODUCTION

59.1. Upon implementation of LNP, both Parties agree to conform and provide such LNP pursuant to FCC regulations and compliance with the Industry Forum. To the extent consistent with the FCC and Industry rules as amended from time to time, the requirements for LNP shall include the following:

59.1.1. End users must be able to change local service providers and retain the same telephone number(s) within the serving wire center utilizing the portability method in effect within the porting MSA, as offered by the porting LEC within the area of portability as defined by the FCC or Commission.

59.1.2. The LNP network architecture shall not subject Parties to any degradation of service in any relevant measure, including transmission quality, switching and transport costs, increased call set-up time and post-dial delay.

59.1.3. Parties agree that when an NXX is defined as portable, it shall also be defined as portable in all LNP capable offices which have direct trunks to the given switch.

59.1.4. When an end user ports to another service provider and has previously secured a reservation of line numbers from the donor provider for possible activation at some future point, these reserved but inactive numbers shall port along with the active numbers being ported by the end user only in states where appropriate charges from Sprint tariffs are executed for reserved numbers.

59.1.5. NXX Availability. Not all NXXs in each CO may be available for porting.

59.1.6. LERG Reassignment. Portability for an entire NXX shall be provided by utilizing reassignment of the NXX to CLEC through the LERG.

59.1.7. Coordination of service order work outside normal business hours (8:00AM to 5:00PM) shall be at requesting Party's expense. Premium rates will apply for service order work performed outside normal business hours, weekends, and holidays.

59.1.8. Mass Calling Events. Parties will notify each other at least seven (7) Days in advance where ported numbers are utilized. Parties will only port mass calling numbers using switch translations and a choke network for call routing. Porting on mass

calling numbers will be handled outside the normal porting process and comply with any applicable state or federal regulatory requirements developed for mass calling numbers.

60. TESTING

- 60.1. An Interconnection Agreement (or Memorandum of Understanding, or Porting Agreement) detailing conditions for LNP must be in effect between the Parties prior to testing.
- 60.2. Testing and operational issues will be addressed in the implementation plans as described in Part B, Section 32 of the agreement.
- 60.3. CLEC must be NPAC certified and have met Sprint testing parameters prior to activating LNP. If LNP implementation by a CLEC/CMRS provider occurs past the FCC activation date, testing and porting will be done at CLEC's expense.
- 60.4. Parties will cooperate to ensure effective maintenance testing through activities such as routine testing practices, network trouble isolation processes and review of operational elements for translations, routing and network fault isolation.
- 60.5. Parties shall cooperate in testing performed to ensure interconnectivity between systems. All LNP providers shall notify each connected provider of any system updates that may affect the CLEC or Sprint network. Each LNP provider shall, at each other's request, jointly perform tests to validate the operation of the network. Additional testing requirements may apply as specified by this Agreement or in the Implementation Plan.

61. ENGINEERING AND MAINTENANCE

- 61.1. Each LNP provider will monitor and perform effective maintenance through testing and the performance of proactive maintenance activities such as routine testing, development of and adherence to appropriate network trouble isolation processes and periodic review of operational elements for translations, routing and network faults.
- 61.2. It will be the responsibility of the Parties to ensure that the network is stable and maintenance and performance levels are maintained in accordance with state commission requirements. It will be the responsibility of the Parties to

perform fault isolation in their network before involving other providers.

- 61.3. Additional engineering and maintenance requirements shall apply as specified in this Agreement or the Implementation Plan.

62. E911/911

- 62.1. When a subscriber ports to another service provider, the donor provider shall unlock the information in the 911/ALI database. The porting provider is responsible for updating the 911 tandem switch routing tables and 911/ALI database to correctly route, and provide accurate information to PSAP call centers.
- 62.2. Prior to implementation of LNP, the Parties agree to develop, implement, and maintain efficient methods to maintain 911 database integrity when a subscriber ports to another service provider. The Parties agree that the customer shall not be dropped from the 911 database during the transition.

63. BILLING FOR PORTED NUMBERS

- 63.1. When an IXC terminates an InterLATA or IntraLATA toll call to either party's local exchange customer whose telephone number has been ported from one party to the other, the parties agree that the party to whom the number has been ported shall receive revenues from those IXC access elements it actually provides including, but not limited to end office switching, local transport, RIC, and CCL, as appropriate. The party from whom the number has been ported shall be entitled to receive revenue from the IXC for those access elements it actually provides including, but not limited to any entrance facility fees, access tandem fees and appropriate local transport charges.
- 63.2. Non-Payment. Customers lose the right to the ported telephone number upon suspension of service. Sprint will not port telephone numbers of customers whose service has been suspended.

PART G – CALL RELATED DATABASES

64. CALL-RELATED DATABASES

64.1. Sprint will offer access to call-related databases, including, but not limited to, Toll Free Calling database, Number Portability database, and Calling Name (CNAM) database. Sprint reserves the right to decline to offer access to certain AIN software that qualifies for proprietary treatment. The rates for access to these call-related databases are set forth on Table One.

64.1.1. The CNAM database is a transaction-oriented database accessible via the CCS network. CNAM provides the calling parties' name to be delivered and displayed to the terminating caller with 'Caller ID with Name'. Use of Sprint's CNAM Database by CLEC and CLEC's customers is limited to obtaining CNAM responses and using the information contained in those responses only on a call by call basis and only to support service related to a call in progress. CLEC will not capture, cache, or store any information contained in a CNAM response.

64.1.2. The Toll Free Number Database provides functionality necessary for toll free (e.g., 800 and 888) number services by providing routing information and additional vertical features (i.e., time of day routing by location, by carrier and routing to multiple geographic locations) during call setup in response to queries from CLEC's switch. Use of Sprint's Toll Free Database by CLEC and its customers is limited to obtaining information, on a call-by-call basis, for proper routing of calls in the provision of toll free exchange access service or local toll free service.

64.1.3. Local Number Portability Local Routing Query Service. TCAP messages originated by CLEC's SSPs and received by Sprint's database will be provided a response upon completion of a database lookup to determine the LRN. This information will be populated in industry standard format and returned to CLEC so that it can then terminate the call in progress to the telephone number now residing in the switch designated by the LRN.

64.1.3.1. CLEC agrees to obtain, prior to the initiation of any LNP query, a NPAC/SMS User Agreement with Neustar. CLEC will maintain the NPAC/SMS User Agreement with Neustar, or its successor, as long as it continues to make LNP queries to the Sprint database. Failure to obtain and maintain the NPAC/SMS User Agreement is considered a breach of this Agreement and is cause for immediate termination of service. Sprint shall not be liable for any

direct or consequential damages due to termination because of lack of a NPAC/SMS User Agreement.

64.1.3.2. Sprint's LNP Database service offering does not include the cost of any charges or assessments by Number Portability Administrative Centers, whether under the NPAC/SMS User Agreement with Lockheed, or otherwise, or any charges assessed directly against CLEC as the result of the FCC LNP Orders or otherwise by any third-party. These costs include the costs assessed against telecommunications carriers to pay for NPAC functions as permitted by the FCC and applicable legal or regulatory bodies. Sprint shall have no liability to CLEC or the NPAC for any of these fees or charges applicable to CLEC, even though it may pay such charges for other Sprint companies.

PART H - GENERAL BUSINESS REQUIREMENTS

65. PROCEDURES

65.1. Contact with End Users

65.1.1. Each Party at all times shall be the primary contact and account control for all interactions with its end users, except as specified by that Party. Subscribers include active end users as well as those for whom service orders are pending.

65.1.2. Each Party shall ensure that any of its personnel who may receive end user inquiries, or otherwise have opportunity for end user contact from the other Party's end user regarding the other Party's services: (i) provide appropriate referrals to subscribers who inquire about the other Party's services or products; (ii) do not in any way disparage or discriminate against the other Party, or its products or services; and (iii) do not provide information about its products or services during that same inquiry or end user contact.

65.1.3. Sprint shall not use CLEC's request for end user information, order submission, or any other aspect of CLEC's processes or services to aid Sprint's marketing or sales efforts.

65.2. Expedite and Escalation Procedures

65.2.1. Sprint and CLEC shall develop mutually acceptable escalation and expedite procedures which may be invoked at any point in the Service Ordering, Provisioning, Maintenance, and Subscriber Usage Data transfer processes to facilitate rapid and timely resolution of disputes. In addition, Sprint and CLEC will establish intercompany contacts lists for purposes of handling end user and other matters which require attention/resolution outside of normal business procedures within thirty (30) Days after CLEC's request. Each party shall notify the other party of any changes to its escalation contact list as soon as practicable before such changes are effective.

65.2.2. No later than thirty (30) Days after CLEC's request Sprint shall provide CLEC with contingency plans for those cases in which normal Service Ordering, Provisioning, Maintenance, Billing, and other procedures for Sprint's unbundled Network Elements, features and functions.

65.3. Subscriber of Record. Sprint shall recognize CLEC as the Subscriber of Record for all Network Elements ordered by CLEC and shall send all notices, invoices, and information which pertain to such ordered services directly to CLEC. CLEC will provide Sprint with addresses to which Sprint shall send all such notices, invoices, and information.

65.4. Service Offerings

65.4.1. Sprint shall provide CLEC with access to new services, features and functions concurrent with Sprint's notice to CLEC of such changes, if such service, feature or function is installed and available in the network or as soon thereafter as it is installed and available in the network, so that CLEC may conduct market testing.

65.4.2. Essential Services. For purposes of service restoration, Sprint shall designate a CLEC access line as an Essential Service Line (ESL) at Parity with Sprint's treatment of its own end users and applicable state law or regulation, if any.

65.4.3. Blocking Services. Upon request from CLEC, employing Sprint-approved LSR documentation, Sprint shall provide blocking of 700, 900, and 976 services, or other services of similar type as may now exist or be developed in the future, and shall provide Billed Number Screening (BNS), including required LIDB updates, or equivalent service for blocking completion of bill-to-third party and collect calls, on a line, PBX, or individual service basis. Blocking shall be provided to the extent (a) it is an available option for the Telecommunications Service resold by CLEC, or (b) it is technically feasible when requested by CLEC as a function of unbundled Network Elements.

65.4.4. Training Support. Sprint shall provide training, on a non-discriminatory basis, for all Sprint employees who may communicate, either by telephone or face-to-face, with CLEC end users. Such training shall include compliance with the branding requirements of this Agreement including without limitation provisions of forms, and unbranded "Not at Home" notices.

66. ORDERING AND PROVISIONING

66.1. Ordering and Provisioning Parity. Sprint shall provide necessary ordering and provisioning business process support as well as those technical and systems interfaces as may be required to enable CLEC to provide the same level and quality of service for all functions, features, capabilities and unbundled Network Elements at Parity.

66.2. National Exchange Access Center (NEAC)

66.2.1. Sprint shall provide a NEAC or equivalent which shall serve as CLEC's point of contact for all activities involved in the ordering and provisioning of Sprint's unbundled Network Elements, features and functions.

66.2.2. The NEAC shall provide to CLEC a nationwide telephone number (available from 6:00 a.m. to 8:00 p.m. Eastern Standard Time,

Monday through Friday, and 8:00 am through 5:00 P.M. Eastern Standard Time on Saturday) answered by competent, knowledgeable personnel trained to answer questions and resolve problems in connection with the ordering and provisioning of unbundled Network Elements (except those associated with local trunking interconnection), features, functions and capabilities.

66.2.3. Sprint shall provide, as requested by CLEC, through the NEAC, provisioning and premises visit installation support in the form of coordinated scheduling, status, and dispatch capabilities during Sprint's standard business hours and at other times as agreed upon by the parties to meet end user demand.

66.3. Street Index Guide (SIG). Within thirty (30) Days of CLEC's written request, Sprint shall provide to CLEC the SIG data, in the National Emergency Number Association Two (NENA2) format. A CDROM containing the SIG data will be shipped to the CLEC's designated contact on a monthly basis until the request is cancelled.

66.4. CLASS and Custom Features. Where generally available in Sprint's serving area, CLEC, at the tariff rate, may order the entire set of CLASS, CENTREX and Custom features and functions, or a subset of any one of such features.

66.5. Number Administration/Number Reservation

66.5.1. Sprint shall provide testing and loading of CLEC's NXX on the same basis as Sprint provides itself or its affiliates. Further, Sprint shall provide CLEC with access to abbreviated dialing codes, and the ability to obtain telephone numbers, including vanity numbers, while a subscriber is on the phone with CLEC. When CLEC uses numbers from a Sprint NXX, Sprint shall provide the same range of number choices to CLEC, including choice of exchange number, as Sprint provides its own subscribers. Reservation and aging of Sprint NXX's shall remain Sprint's responsibility.

66.5.2. In conjunction with an order for service, Sprint shall accept CLEC orders for vanity numbers and blocks of numbers for use with complex services including, but not limited to, DID, CENTREX, and Hunting arrangements, as requested by CLEC.

66.5.3. For simple services number reservations and aging of Sprint's numbers, Sprint shall provide real-time confirmation of the number reservation when the Electronic Interface has been implemented. For number reservations associated with complex services, Sprint shall provide confirmation of the number reservation within twenty-four (24) hours of CLEC's request. Consistent with the manner in which Sprint provides numbers to its own subscribers, no telephone number assignment

is guaranteed until service has been installed.

66.6. Service Order Process Requirements

66.6.1. Service Migrations and New Subscriber Additions

66.6.1.1. This agreement does not provide for resale services, including "as is" conversions of CLEC subscribers.

66.6.1.2. For services provided through UNEs, Sprint shall recognize CLEC as an agent, in accordance with OBF developed processes, for the subscriber in coordinating the disconnection of services provided by another CLEC or Sprint. In addition, Sprint and CLEC will work cooperatively to minimize service interruptions during the conversion.

66.6.1.3. For subscriber conversions requiring coordinated cut-over activities, on a per order basis, Sprint, to the extent resources are readily available, and CLEC will agree on a scheduled conversion time, which will be a designated time period within a designated date.

66.6.1.3.1. Any request made by CLEC to coordinate conversions after normal working hours, or on Saturdays or Sundays or Sprint holidays shall be performed at CLEC's expense.

66.6.1.4. A general Letter of Agency (LOA) initiated by CLEC or Sprint will be required to process a PLC or PIC change order. Providing the LOA, or a copy of the LOA, signed by the end user will not be required to process a PLC or PIC change ordered by CLEC or Sprint. CLEC and Sprint agree that PLC and PIC change orders will be supported with appropriate documentation and verification as required by FCC and Commission rules. In the event of a subscriber complaint of an unauthorized PLC record change where the Party that ordered such change is unable to produce appropriate documentation and verification as required by FCC and Commission rules (or, if there are no rules applicable to PLC record changes, then such rules as are applicable to

changes in long distance carriers of record), such Party shall be liable to pay and shall pay all nonrecurring and/or other charges associated with reestablishing the subscriber's local service with the original local carrier.

66.6.2. Intercept Treatment and Transfer Service Announcements. Sprint shall provide unbranded intercept treatment and transfer of service announcements to CLEC's subscribers. Sprint shall provide such treatment and transfer of service announcement in accordance with local tariffs and as provided to similarly situated Sprint subscribers for all service disconnects, suspensions, or transfers.

66.6.3. Due Date

66.6.3.1. Sprint shall supply CLEC with due date intervals to be used by CLEC personnel to determine service installation dates.

66.6.3.2. Sprint shall use reasonable efforts to complete orders by the CLEC requested DDD within agreed upon intervals.

66.6.4. Subscriber Premises Inspections and Installations

66.6.4.1. CLEC shall perform or contract for all CLEC's needs assessments, including equipment and installation requirements required beyond the Demarcation/NID, located at the subscriber premises.

66.6.4.2. Sprint shall provide CLEC with the ability to schedule subscriber premises installations at the same morning and evening commitment level of service offered Sprint's own customers. The parties shall mutually agree on an interim process to provide this functionality during the implementation planning process.

66.6.5. Firm Order Confirmation (FOC)

66.6.5.1. Sprint shall provide to CLEC, a Firm Order Confirmation (FOC) for each CLEC order. The FOC shall contain the appropriate data elements as defined by the OBF standards.

66.6.5.2. For a revised FOC, Sprint shall provide standard detail as defined by the OBF standards.

66.6.5.3. Sprint shall provide to CLEC the date that service is

scheduled to be installed.

66.6.6. Order Rejections

66.6.6.1. Sprint shall reject and return to CLEC any order that Sprint cannot provision, due to technical reasons, missing information, or jeopardy conditions resulting from CLEC ordering service at less than the standard order interval. When an order is rejected, Sprint shall, in its reject notification, specifically describe all of the reasons for which the order was rejected. Sprint shall reject any orders on account of the customer Desired Due Date conflicts with published Sprint order provisioning interval requirements. Provided, however, expedited orders will be processed in accordance with Sprint's Operations Plan as published on Sprint's CLEC Wholesale Website.

66.6.7. Service Order Changes

66.6.7.1. In no event will Sprint change a CLEC initiated service order without a new service order directing said change. If an installation or other CLEC ordered work requires a change from the original CLEC service order in any manner, CLEC shall initiate a revised service order. If requested by CLEC, Sprint shall then provide CLEC an estimate of additional labor hours and/or materials.

66.6.7.1.1. When a service order is completed, the cost of the work performed will be reported promptly to CLEC.

66.6.7.2. If a CLEC subscriber requests a service change at the time of installation or other work being performed by Sprint on behalf of CLEC, Sprint, while at the subscriber premises, shall direct the CLEC subscriber to contact CLEC, and CLEC will initiate a new service order.

66.7. Network Testing. Sprint shall perform all its standard pre-service testing prior to the completion of the service order.

66.8. Service Suspensions/Restorations. Upon CLEC's request through an Industry Standard, OBF, Suspend/Restore Order,

or mutually agreed upon interim procedure, Sprint shall suspend or restore the functionality of any Network Element, feature, or function to which suspend/restore is applicable. Sprint shall provide restoration priority on a per network element basis in a manner that conforms with any applicable regulatory Rules and Regulations or government requirements.

66.9. Order Completion Notification. Upon completion of the requests submitted by CLEC, Sprint shall provide to CLEC a completion notification in an industry standard, OBF, or in a mutually agreed format. The completion notification shall include detail of the work performed, to the extent this is defined within OBF guidelines, and in an interim method until such standards are defined.

66.10. Specific Unbundling Requirements. CLEC may order and Sprint shall provision unbundled Network Elements. However, it is CLEC's responsibility to combine the individual network elements should it desire to do so.

66.11. Systems Interfaces and Information Exchanges

66.11.1. General Requirements

66.11.1.1. Sprint shall provide to CLEC Electronic Interface(s) for transferring and receiving information and executing transactions for all business functions directly or indirectly related to Service Ordering and Provisioning of Network Elements, features, functions and Telecommunications Services, to the extent available.

66.11.1.2. Until the Electronic Interface is available, Sprint agrees that the NEAC or similar function will accept CLEC orders. Orders will be transmitted to the NEAC via an interface or method agreed upon by CLEC and Sprint.

66.11.1.3. If the method of connectivity is File Transfer Protocol (FTP), the response(s) will be loaded to the server every hour and it is the responsibility of CLEC to retrieve their response(s) from the server.

66.11.1.4. It is the responsibility of CLEC to provide Sprint with the LOA (Letter of Authorization) when another party is involved and is working on their behalf.

66.11.2. For any CLEC subscriber Sprint shall provide, subject to applicable rules, orders, and decisions, CLEC with access CPNI without requiring CLEC to produce a signed LOA, based on CLEC's blanket representation that subscriber has authorized CLEC to obtain such

CPNI.

66.11.2.1. The preordering Electronic Interface includes the provisioning of CPNI from Sprint to CLEC. The Parties agree to execute a LOA agreement with the Sprint end user prior to requesting CPNI for that Sprint end user, and to request end user CPNI only when the end user has specifically given permission to receive CPNI. The Parties agree that they will conform to FCC and/or state regulations regarding the provisioning of CPNI between the parties, and regarding the use of that information by the requesting party.

66.11.2.2. The requesting Party will document end user permission obtained to receive CPNI, whether or not the end user has agreed to change local service providers. For end users changing service from one party to the other, specific end user LOAs may be requested by the Party receiving CPNI requests to investigate possible slamming incidents, and for other reasons agreed to by the Parties.

66.11.2.3. The receiving Party may also request documentation of an LOA if CPNI is requested and a subsequent service order for the change of local service is not received. On a schedule to be determined by Sprint, Sprint will perform a comparison of requests for CPNI to service orders received for the change of Local Service to CLEC. Sprint will produce a report of unmatched requests for CPNI, and may require an LOA from CLEC for each unmatched request. CLEC agrees to provide evidence of end user permission for receipt of CPNI for all end users in the request by Sprint within three (3) Business Days of receipt of a request from Sprint. Should Sprint determine that there has been a substantial percentage of unmatched LOA requests, Sprint reserves the right to immediately disconnect the preordering Electronic Interface.

66.11.2.4. If CLEC is not able to provide the LOA for ninety-five percent (95%) of the end users requested by Sprint, or if Sprint determines that an LOA is inadequate, CLEC will be considered in breach of the agreement. CLEC can cure the breach by submitting to Sprint evidence of an LOA for each inadequate or omitted LOA within three (3) Business Days of notification of the breach.

66.11.2.5. Should CLEC not be able to cure the breach in the timeframe noted above, Sprint will discontinue processing new service orders until, in Sprint's determination, CLEC has corrected the problem that caused the breach.

66.11.2.6. Sprint will resume processing new service orders upon Sprint's timely review and acceptance of evidence provided by CLEC to correct the problem that caused the breach.

66.11.2.7. If CLEC and Sprint do not agree that CLEC requested CPNI for a specific end user, or that Sprint has erred in not accepting proof of an LOA, the Parties may immediately request dispute resolution in accordance with Part B. Sprint will not disconnect the preordering Electronic Interface during the Alternate Dispute Resolution process.

66.11.3. CLEC may use Sprint's ordering process (IRES) to assign telephone number(s) (if the subscriber does not already have a telephone number or requests a change of telephone number) at Parity.

66.11.3.1. to schedule dispatch and installation appointments at Parity.

66.11.3.2. to access Sprint subscriber information systems which will allow CLEC to determine if a service call is needed to install the line or service at Parity.

66.11.3.3. to access Sprint information systems which will allow CLEC to provide service availability dates at Parity.

66.11.3.4. transmit status information on service orders, including acknowledgement, firm order confirmation, and completion at Parity.

66.12. Standards

66.12.1. General Requirements. CLEC and Sprint shall agree upon the appropriate ordering and provisioning codes to be used for UNEs. These codes shall apply to all aspects of the unbundling of that element and shall be known as data elements as defined by the Telecommunications Industry Forum Electronic Data Interchange Service Order Subcommittee (TCIF-EDI-SOSC).

67. BILLING

67.1. The Parties shall comply with various industry, OBF, and other standards referred to throughout this Agreement. Sprint will review any changes to industry standards, and implement the changes within the industry-defined window. Sprint will notify CLEC of any deviations to the standards.

67.2. The Parties shall bill the other Party for each service supplied pursuant to this Agreement at the rates set forth in

this Agreement.

- 67.3. Sprint shall provide to CLEC a single point of contact for interconnection and collocation at the National Access Service Center (NASC), and Network Elements at Sprint's NEAC, to handle any Connectivity Billing questions or problems that may arise during the implementation and performance of the terms and conditions of this Agreement.
 - 67.4. The Parties shall provide a single point of contact for handling of any data exchange questions or problems that may arise during the implementation and performance of the terms and conditions of this Agreement.
 - 67.5. Subject to the terms of this Agreement, a Party shall pay the other Party within thirty (30) Days from the Bill Date. If the payment due date is a Saturday, Sunday or has been designated a bank holiday payment shall be made the next Business Day.
 - 67.6. Billed amounts for which written, itemized disputes or claims have been filed shall be handled in accordance with the Dispute Resolution procedures set forth in Part B, Section 24 of this Agreement.
 - 67.7. The Parties will assess late payment charges to the other Party in accordance with Part B, Section 7.4 of this Agreement.
 - 67.8. Sprint shall credit CLEC for incorrect Connectivity Billing charges including without limitation: overcharges, services ordered or requested but not delivered, interrupted services, services of poor quality and installation problems if caused by Sprint per applicable tariff. Such reimbursements shall be set forth in the appropriate section of the Connectivity Bill pursuant to CABS, or SECAB standards.
- 67.8.1.** Where Parties have established interconnection, Sprint and the CLEC agree to conform to MECAB and MECOD guidelines. They will exchange Billing Account Reference and Bill Account Cross Reference information and will coordinate Initial Billing Company/Subsequent Billing Company billing cycles. Sprint and CLEC will exchange the appropriate records to bill exchange access charges to the IXC. Sprint and CLEC agree to capture EMI records for inward terminating and outward originating calls and send them to the other, as appropriate, in daily or other agreed upon interval, via and agreed upon media (e.g.: Connect Direct or cartridge).

67.9. Revenue Protection. Sprint shall make available to CLEC, at Parity with what Sprint provides to itself, its Affiliates and other local telecommunications CLECs, all present and future fraud prevention or revenue protection features, including prevention, detection, or control functionality embedded within any of the Network Elements. These features include, but are not limited to screening codes, information digits assigned such as information digits '29' and '70' which indicate prison and COCOT pay phone originating line types respectively, call blocking of domestic, international, 800, 888, 900, NPA-976, 700, 500 and specific line numbers, and the capability to require end-user entry of an authorization code for dial tone. Sprint shall, when technically capable and consistent with the implementation schedule for Operations Support Systems (OSS), additionally provide partitioned access to fraud prevention, detection and control functionality within pertinent OSS.

68. PROVISION OF USAGE DATA

68.1. This Section sets forth the terms and conditions for Sprint's provision of Recorded Usage Data (as defined in this Part) to CLEC and for information exchange regarding long distance and access billing. The parties agree to record call information for interconnection in accordance with this Section. To the extent technically feasible, each party shall record all call detail information associated with completed calls originated by or terminated to the other Party's local exchange subscriber, and long distance calls transmitted through one Party's network to the terminating provider. Sprint shall record for CLEC the messages that Sprint records for and bills to its end users and records for billing of interexchange carriers. These records shall be provided at a party's request and shall be formatted pursuant to ATIS' EMI standards and the terms and conditions of this Agreement. These records shall be transmitted to the other party on non-holiday Business Days in EMI format via CDN, or provided via FTP. Sprint and CLEC agree that they shall retain, at each party's sole expense, copies of all EMI records transmitted to the other party for at least forty-five (45) calendar days after transmission to the other party.

68.2. General Procedures

68.2.1. Sprint shall comply with various industry and OBF standards referred to throughout this Agreement.

68.2.2. Sprint shall comply with OBF standards when recording and transmitting Usage Data.

68.2.3. Sprint shall record all usage originating from CLEC end users using resold services ordered by CLEC, where Sprint records those same services for Sprint end users. Recorded Usage Data includes, but is not limited to, the following categories of information:

- 68.2.3.1. Use of CLASS/LASS/Custom Features that Sprint records and bills for its end users on a per usage basis.
- 68.2.3.2. Calls to Information Providers (IP) reached via Sprint facilities will be provided in accordance with Section 68.2.7.
- 68.2.3.3. Calls to Directory Assistance where Sprint provides such service to a CLEC end user.
- 68.2.3.4. Calls completed via Sprint-provided Operator Services where Sprint provides such service to CLEC's local service end user and where Sprint records such usage for its end users using Industry Standard Telcordia EMI billing records.
- 68.2.3.5. Access records related to long distance calling.
- 68.2.3.6. For Sprint-provided Centrex Service, station level detail.

68.2.4. Retention of Records. Sprint shall maintain a machine readable back-up copy of the message detail provided to CLEC for a minimum of forty-five (45) calendar days. During the forty-five (45) day period, Sprint shall provide any data back-up to CLEC upon the request of CLEC. If the forty-five (45) day period has expired, Sprint may provide the data back-up at CLEC's expense.

68.2.5. Sprint shall provide to CLEC Recorded Usage Data for CLEC end users. Sprint shall not submit other CLEC local usage data as part of the CLEC Recorded Usage Data.

68.2.6. Sprint shall not bill directly to CLEC subscribers any recurring or non-recurring charges for CLEC's services to the end user except where explicitly permitted to do so within a written agreement between Sprint and CLEC.

68.2.7. Sprint will record 976/N11 calls and transmit them to the IP for billing. Sprint will not bill these calls to either the CLEC or the CLEC's end user.

68.2.8. Sprint shall provide Recorded Usage Data to CLEC billing locations as agreed to by the Parties.

68.2.9. Sprint shall provide a single point of contact to respond to CLEC call usage, data error, and record transmission inquiries.

68.2.10. Sprint shall provide CLEC with a single point of contact and remote identifiers (IDs) for each sending location.

68.2.11. CLEC shall provide a single point of contact responsible for receiving usage transmitted by Sprint and receiving usage tapes from a courier service in the event of a facility outage.

68.2.12. Sprint shall bill and CLEC shall pay the charges for Recorded Usage Data. Billing and payment shall be in accordance with the applicable terms and conditions set forth herein.

68.3. Charges

68.3.1. Sprint will be responsible for returning EMI records to IXCs with the proper EMI Return Code along with the Operating Company Number (OCN) of the associated ANI, (i.e., Billing Number).

68.3.2. Sprint will deliver a monthly statement for Wholesale Services in the medium (e.g.: NDM, paper, cartridge or CD-ROM) requested by CLEC as follows:

68.3.2.1. Invoices will be provided in a standard Carrier Access Billing format or other such format as Sprint may determine;

- 68.3.2.2. Where local usage charges apply and message detail is created to support available services, the originating local usage at the call detail level in standard EMI industry format will be exchanged daily or at other mutually agreed upon intervals, and CLEC will pay Sprint for providing such call detail;
- 68.3.2.3. The Parties will work cooperatively to exchange information to facilitate the billing of in and out collect and inter/intra-region alternately billed messages;
- 68.3.2.4. Sprint agrees to provide information on the end-user's selection of special features where Sprint maintains such information (e.g.: billing method, special language) when CLEC places the order for service;
- 68.3.2.5. Monthly recurring charges for Telecommunications Services sold pursuant to this Agreement shall be billed monthly in advance.
- 68.3.2.6. Sprint shall bill for message provisioning and, if applicable data tape charges, related to the provision of usage records. Sprint shall also bill CLEC for additional copies of the monthly invoice.

68.3.3. For billing purposes, and except as otherwise specifically agreed to in writing, the Telecommunications Services provided hereunder are furnished for a minimum term of one month. Each month is presumed to have thirty (30) days.

68.4. Central Clearinghouse and Settlement

68.4.1. Sprint and CLEC shall agree upon Clearinghouse and Incollect/Outcollect procedures. Each Party may process through its own Centralized Message Distribution System (CMDS) and or as otherwise mutually agree upon.

68.4.2. Sprint shall settle with CLEC for both intra-region and inter-region billing exchanges of calling card, bill-to-third party, and collect calls under separately negotiated settlement arrangements.

68.5. Lost Data

68.5.1. Loss of Recorded Usage Data. CLEC Recorded Usage Data determined to have been lost, damaged or destroyed as a result of an error or omission by Sprint in its performance of the recording function shall be recovered by Sprint at no charge to CLEC. In the event the data cannot be recovered by Sprint, Sprint shall estimate the messages and associated revenue, with assistance from CLEC, based upon the method described below. This method shall be applied on a consistent basis,

subject to modifications agreed to by Sprint and CLEC. This estimate shall be used to adjust amounts CLEC owes Sprint for services Sprint provides in conjunction with the provision of Recorded Usage Data.

68.5.2. **Partial Loss.** Sprint shall review its daily controls to determine if data has been lost. When there has been a partial loss, actual message and minute volumes shall be reported, if possible through recovery as discussed in Section 68.5.1 above. Where actual data are not available, a full day shall be estimated for the recording entity, as outlined in the following paragraphs. The amount of the partial loss is then determined by subtracting the data actually recorded for such day from the estimated total for such day.

68.5.3. **Complete Loss.** When Sprint is unable to recover data as discussed in Section 68.5.1 above estimated message and minute volumes for each loss consisting of an entire AMA tape or entire data volume due to its loss prior to or during processing, lost after receipt, degaussed before processing, receipt of a blank or unreadable tape, or lost for other causes, shall be reported.

68.5.4. **Estimated Volumes.** From message and minute volume reports for the entity experiencing the loss, Sprint shall secure message/minute counts for the four (4) corresponding days of the weeks preceding that in which the loss occurred and compute an average of these volumes. Sprint shall apply the appropriate average revenue per message ("arpm") agreed to by CLEC and Sprint to the estimated message volume for messages for which usage charges apply to the subscriber to arrive at the estimated lost revenue.

68.5.5. If the day of loss is not a holiday but one (1) (or more) of the preceding corresponding days is a holiday, use additional preceding weeks in order to procure volumes for two (2) non-holidays in the previous two (2) weeks that correspond to the day of the week that is the day of the loss.

68.5.6. If the loss occurs on a weekday that is a holiday (except Christmas and Mother's day), Sprint shall use volumes from the two (2) preceding Sundays.

68.5.7. If the loss occurs on Mother's day or Christmas day, Sprint shall use volumes from that day in the preceding year multiplied by a growth factor derived from an average of CLEC's most recent three (3) month message volume growth. If a previous year's message volumes are not available, a settlement shall be negotiated.

68.6. Testing, Changes and Controls

68.6.1. The Recorded Usage Data, EMI format, content, and transmission process shall be tested as agreed upon by CLEC and Sprint.

68.6.2. Control procedures for all usage transferred between Sprint and CLEC shall be available for periodic review. This review may be included as part of an Audit of Sprint by CLEC or as part of the normal production interface management function. Breakdowns which impact the flow of usage between Sprint and CLEC must be identified and jointly resolved as they occur. The resolution may include changes to control procedures, so similar problems would be avoided in the future. Any changes to control procedures would need to be mutually agreed upon by CLEC and Sprint.

68.6.3. Sprint Software Changes

68.6.3.1. When Sprint plans to introduce any software changes which impact the format or content structure of the usage data feed to CLEC, designated Sprint personnel shall notify CLEC no less than ninety (90) calendar days before such changes are implemented.

68.6.3.2. Sprint shall communicate the projected changes to CLEC's single point of contact so that potential impacts on CLEC processing can be determined.

68.6.3.3. CLEC personnel shall review the impact of the change on the entire control structure. CLEC shall negotiate any perceived problems with Sprint and shall arrange to have the data tested utilizing the modified software if required.

68.6.3.4. If it is necessary for Sprint to request changes in the schedule, content or format of usage data transmitted to CLEC, Sprint shall notify CLEC.

68.6.4. CLEC Requested Changes:

68.6.4.1. CLEC may submit a purchase order to negotiate and pay for changes in the content and format of the usage data transmitted by Sprint.

68.6.4.2. When the negotiated changes are to be implemented, CLEC and/or Sprint shall arrange for testing of the modified data.

68.7. Information Exchange and Interfaces

68.7.1. Product/Service Specific. Sprint shall provide a Telcordia standard 42-50-01 miscellaneous charge record to support the Special Features Star Services if these features are part of Sprint's offering and are provided for Sprint's subscribers on a per usage basis.

68.7.2. Rejected Recorded Usage Data

68.7.2.1. Upon agreement between CLEC and Sprint,

messages that cannot be rated and/or billed by CLEC may be returned to Sprint via CDN or other medium as agreed by the Parties. Returned messages shall be sent directly to Sprint in their original EMI format utilizing standard EMI return codes.

68.7.2.2. Sprint may correct and resubmit to CLEC any messages returned to Sprint. Sprint will not be liable for any records determined by Sprint to be billable to a CLEC end user. CLEC will not return a message that has been corrected and resubmitted by Sprint. Sprint will only assume liability for errors and unguideables caused by Sprint.

69. GENERAL NETWORK REQUIREMENTS

- 69.1. Sprint shall provide repair, maintenance and testing for all resold Telecommunications Services and such UNEs that Sprint is able to test, in accordance with the terms and conditions of this Agreement.
- 69.2. During the term of this Agreement, Sprint shall provide necessary maintenance business process support as well as those technical and systems interfaces at Parity. Sprint shall provide CLEC with maintenance support at Parity.
- 69.3. Sprint shall provide on a regional basis, a point of contact for CLEC to report vital telephone maintenance issues and trouble reports twenty four (24) hours and seven (7) days a week.
- 69.4. Sprint shall provide CLEC maintenance dispatch personnel on the same schedule that it provides its own subscribers.
- 69.5. Sprint shall cooperate with CLEC to meet maintenance standards for all Telecommunications Services and unbundled network elements ordered under this Agreement. Such maintenance standards shall include, without limitation, standards for testing, network management, call gapping, and notification of upgrades as they become available.
- 69.6. All Sprint employees or contractors who perform repair service for CLEC end users shall follow Sprint standard procedures in all their communications with CLEC end users. These procedures and protocols shall ensure that:
 - 69.6.1. Sprint employees or contractors shall perform repair service that is equal in quality to that provided to Sprint end users; and
 - 69.6.2. Trouble calls from CLEC shall receive response time priority that is equal to that of Sprint end users and shall be handled on a "first

come first served" basis regardless of whether the end user is a CLEC end user or a Sprint end user.

- 69.7. Sprint shall provide CLEC with scheduled maintenance for resold lines, including, without limitation, required and recommended maintenance intervals and procedures, for all Telecommunications Services and network elements provided to CLEC under this Agreement equal in quality to that currently provided by Sprint in the maintenance of its own network. CLEC shall perform its own testing for UNEs.
- 69.8. Sprint shall give maximum advanced notice to CLEC of all non-scheduled maintenance or other planned network activities to be performed by Sprint on any network element, including any hardware, equipment, software, or system, providing service functionality of which CLEC has advised Sprint may potentially impact CLEC end users.
- 69.9. Notice of Network Event. Each party has the duty to alert the other of any network events that can result or have resulted in service interruption, blocked calls, or negative changes in network performance.
- 69.10. On all misdirected calls from CLEC end users requesting repair, Sprint shall provide such CLEC end user with the correct CLEC repair telephone number as such number is provided to Sprint by CLEC. Once the Electronic Interface is established between Sprint and CLEC, Sprint agrees that CLEC may report troubles directly to a single Sprint repair/maintenance center for both residential and small business end users, unless otherwise agreed to by CLEC.
- 69.11. Upon establishment of an Electronic Interface, Sprint shall notify CLEC via such electronic interface upon completion of trouble report. The report shall not be considered closed until such notification is made. CLEC will contact its end user to determine if repairs were completed and confirm the trouble no longer exists.
- 69.12. Sprint shall perform all testing for resold Telecommunications Services.
- 69.13. Sprint shall provide test results to CLEC, if appropriate, for trouble clearance. In all instances, Sprint shall provide CLEC with the disposition of the trouble.
- 69.14. If Sprint initiates trouble handling procedures, it will bear all costs associated with that activity. If CLEC requests the

trouble dispatch, and either there is no trouble found, or the trouble is determined to be beyond the end user demarcation point, then CLEC will bear the cost.

70. MISCELLANEOUS SERVICES AND FUNCTIONS

70.1. General

70.1.1. To the extent that Sprint does not provide the services described in this Section 70 to itself. CLEC must contract directly with the service provider for such services.

70.1.2. Basic 911 and E911 General Requirements

70.1.2.1. Basic 911 and E911 provides a caller access to the appropriate emergency service bureau by dialing a 3-digit universal telephone number (911).

70.1.2.1.1. Basic 911 and E911 functions provided to CLEC for unbundled local switching and resale shall be at Parity with the support and services that Sprint provides to its subscribers for such similar functionality.

- 70.1.3. In a resale situation, where it may be appropriate for Sprint to update the ALI database, Sprint shall update such database with CLEC data in an interval at Parity with that experienced by Sprint end users.
- 70.1.3.1. Sprint shall transmit to CLEC daily all changes, alterations, modifications, and updates to the emergency public agency telephone numbers linked to all NPA NXXs. This transmission shall be electronic and be a separate feed from the subscriber listing feed.
- 70.1.3.2. In government jurisdictions where Sprint has obligations under existing agreements as the primary provider of the 911 System to the county (Host Sprint), CLEC shall participate in the provision of the 911 System as follows:
- 70.1.3.2.1. Each party shall be responsible for those portions of the 911 System for which it has control, including any necessary maintenance to each party's portion of the 911 System.
- 70.1.3.2.2. Host Sprint shall be responsible for maintaining the E-911 database. Sprint shall be responsible for maintaining the E-911 routing database.
- 70.1.3.3. If a third party is the primary service provider to a government agency, CLEC shall negotiate separately with such third party with regard to the provision of 911 service to the agency. All relations between such third party and CLEC are totally separate from this Agreement and Sprint makes no representations on behalf of the third party.
- 70.1.4. The following are Basic 911 and E911 Database Requirements
- 70.1.4.1. The ALI database shall be managed by Sprint, but is the property of Sprint and CLEC for those records provided by CLEC.
- 70.1.4.2. To the extent allowed by the governmental agency, and where available, copies of the SIG shall be provided within three business days from the time requested and provided on diskette, or in a format suitable for use with desktop computers.
- 70.1.4.3. CLEC shall be solely responsible for providing CLEC database records to Sprint for inclusion in Sprint's

ALI database on a timely basis.

70.1.4.4. Sprint and CLEC shall arrange for the automated input and periodic updating of the E911 database information related to CLEC end users. Sprint shall work cooperatively with CLEC to ensure the accuracy of the data transfer by verifying it against the SIG. Sprint shall accept electronically transmitted files that conform to NENA Version #2 format.

70.1.4.5. CLEC shall assign an E911 database coordinator charged with the responsibility of forwarding CLEC end user ALI record information to Sprint or via a third-party entity, charged with the responsibility of ALI record transfer. CLEC assumes all responsibility for the accuracy of the data that CLEC provides to Sprint.

70.1.4.6. CLEC shall provide information on new subscribers to Sprint within one (1) business day of the order completion. Sprint shall update the database within two (2) business days of receiving the data from CLEC. If Sprint detects an error in the CLEC provided data, the data shall be returned to CLEC within two (2) business days from when it was provided to Sprint. CLEC shall respond to requests from Sprint to make corrections to database record errors by uploading corrected records within two (2) business days. Manual entry shall be allowed only in the event that the system is not functioning properly.

70.1.4.7. Sprint agrees to treat all data on CLEC subscribers provided under this Agreement as confidential and to use data on CLEC subscribers only for the purpose of providing E911 services.

70.2. Directory Listings Service Requests

70.2.1. These requirements pertain to Sprint's Listings Service Request process that enables CLEC to (a) submit CLEC subscriber information for inclusion in Directory Listings databases; (b) submit CLEC subscriber information for inclusion in published directories; and (c) provide CLEC subscriber delivery address information to enable Sprint to fulfill directory distribution obligations.

70.2.2. When implemented by the Parties, Sprint shall accept orders on a real-time basis via electronic interface in accordance with OBF Directory Service Request standards within three (3) months of the effective date of this Agreement. In the interim, Sprint shall create a standard format and order process by which CLEC can place an order with a single point of contact within Sprint.

70.2.3. Sprint will provide to CLEC the ability to maintain directory listings when CLEC ports a number or provides a new directory listing.

70.2.3.1. To ensure accurate order processing, Sprint or its directory publisher shall provide to CLEC the following information, with updates promptly upon changes:

70.2.3.1.1. A matrix of NXX to central office;

70.2.3.1.2. Geographical maps if available of Sprint service area;

70.2.3.1.3. A description of calling areas covered by each directory, including but not limited to maps of calling areas and matrices depicting calling privileges within and between calling areas;

70.2.3.1.4. Listing format rules;

70.2.3.1.5. Standard abbreviations acceptable for use in listings and addresses;

70.2.3.1.6. Titles and designations; and

70.2.3.1.7. A list of all available directories and their Business Office close dates

70.2.4. Based on changes submitted by CLEC, Sprint shall update and maintain directory listings data for CLEC subscribers who:

70.2.4.1. Disconnect Service;

70.2.4.2. Change CLEC;

70.2.4.3. Install Service;

70.2.4.4. Change any service which affects DA information;

70.2.4.5. Specify Non-Solicitation; and

70.2.4.6. Are Non-Published, Non-Listed, or Listed.

70.2.5. Sprint shall not charge for storage of CLEC subscriber information in the DL systems.

70.2.6. CLEC shall not charge for storage of Sprint subscriber information in the DL systems.

70.3. Directory Listings General Requirements. CLEC acknowledges that many directory functions including but not limited to yellow page listings, enhanced white page listings, information pages, directory proofing, and directory

distribution are not performed by Sprint but rather are performed by and are under the control of the directory publisher. CLEC acknowledges that for a CLEC subscriber's name to appear in a directory, CLEC must submit a Directory Service Request (DSR). Sprint shall use reasonable efforts to assist CLEC in obtaining an agreement with the directory publisher that treats CLEC at Parity with the publisher's treatment of Sprint.

70.3.1. This Section 70.3 pertains to listings requirements published in the traditional white pages.

70.3.2. Sprint shall include in its master subscriber system database all white pages listing information for CLEC subscribers in Sprint territories where CLEC is providing local telephone exchange services and has submitted a DSR.

70.3.3. Sprint agrees to include one basic White pages listing for each CLEC customer located within the geographic scope of its White Page directories, at no additional charge to CLEC. A basic White Pages listing is defined as a customer name, address and either the CLEC assigned number for a customer or the number for which number portability is provided, but not both numbers. Basic White Pages listings of CLEC customers will be interfiled with listings of Sprint and other LEC customers.

70.3.4. CLEC agrees to provide CLEC customer listing information, including without limitation directory distribution information, to Sprint, at no charge. Sprint will provide CLEC with the appropriate format for provision of CLEC customer listing information to Sprint. The parties agree to adopt a mutually acceptable electronic format for the provision of such information as soon as practicable. In the event OBF adopts an industry-standard format for the provision of such information, the parties agree to adopt such format.

70.3.5. Sprint agrees to provide White Pages database maintenance services to CLEC. CLEC will be charged a Service Order entry fee upon submission of Service Orders into Sprint's Service Order Entry (SOE) System, which will include compensation for such database maintenance services. Service Order entry fees apply when Service Orders containing directory records are entered into Sprint's SOE System initially, and when Service Orders are entered in order to process a requested change to directory records.

70.3.6. CLEC customer listing information will be used solely for the provision of directory services, including the sale of directory advertising to CLEC customers.

70.3.7. In addition to a basic White Pages listing, Sprint

will provide, tariffed White Pages listings (e.g.: additional, alternate, foreign and non-published listings) for CLEC to offer for resale to CLEC's customers.

70.3.8. Sprint, or its directory publisher, agree to provide White Pages distribution services to CLEC customers within Sprint's service territory at no additional charge to CLEC. Sprint represents that the quality, timeliness, and manner of such distribution services will be at Parity with those provided to Sprint and to other CLEC customers.

70.3.9. Sprint agrees to include critical contact information pertaining to CLEC in the "Information Pages" of those of its White Pages directories containing information pages, if CLEC meets criteria established by its directory publisher. Critical contact information includes CLEC's business office number, repair number, billing information number, and any other information required to comply with applicable regulations, but not advertising or purely promotional material. CLEC will not be charged for inclusion of its critical contact information. The format, content and appearance of CLEC's critical contact information will conform to applicable Sprint directory publisher's guidelines and will be consistent with the format, content and appearance of critical contact information pertaining to all CLECs in a directory.

70.3.10. Sprint will accord CLEC customer listing information the same level of confidentiality that Sprint accords its own proprietary customer listing information. Sprint shall ensure that access to CLEC customer proprietary listing information will be limited solely to those of Sprint and Sprint's directory publisher's employees, agents and contractors that are directly involved in the preparation of listings, the production and distribution of directories, and the sale of directory advertising. Sprint will advise its own employees, agents and contractors and its directory publisher of the existence of this confidentiality obligation and will take appropriate measures to ensure their compliance with this obligation. Notwithstanding any provision herein to the contrary, the furnishing of White Pages proofs to a CLEC that contains customer listings of both Sprint and CLEC will not be deemed a violation of this confidentiality provision.

70.3.11. Sprint will sell or license CLEC's customer listing information to any third parties unless CLEC submits written requests that Sprint refrain from doing so. Sprint and CLEC will work cooperatively to share any payments for the sale or license of CLEC customer listing information to third parties. Any payments due to CLEC for its customer listing information will be net of administrative expenses incurred by Sprint in providing such information to third parties. The parties acknowledge that the release of CLEC's customer listing to Sprint's directory publisher will not constitute the sale or

license of CLEC's customer listing information causing any payment obligation to arise pursuant to this Section 70.3.11.

70.4. Other Directory Services. Sprint will exercise reasonable efforts to cause its directory publisher to enter into a separate agreement with CLEC which will address other directory services desired by CLEC as described in this Section 70.4. Both parties acknowledge that Sprint's directory publisher is not a party to this Agreement and that the provisions contained in this Section 70.4 are not binding upon Sprint's directory publisher.

70.4.1. Sprint's directory publisher will negotiate with CLEC concerning the provision of a basic Yellow Pages listing to CLEC customers located within the geographic scope of publisher's Yellow Pages directories and distribution of Yellow Pages directories to CLEC customers.

70.4.2. Directory advertising will be offered to CLEC customers on a nondiscriminatory basis and subject to the same terms and conditions that such advertising is offered to Sprint and other CLEC customers. Directory advertising will be billed to CLEC customers by directory publisher.

70.4.3. Directory publisher will use commercially reasonable efforts to ensure that directory advertising purchased by customers who switch their service to CLEC is maintained without interruption.

70.4.4. Information pages, in addition to any information page or portion of an information page containing critical contact information as described above in Section 70.3.9 may be purchased from Sprint's directory publisher, subject to applicable directory publisher guidelines, criteria, and regulatory requirements.

70.4.5. Directory publisher maintains full authority as publisher over its publishing policies, standards and practices, including decisions regarding directory coverage area, directory issue period, compilation, headings, covers, design, content or format of directories, and directory advertising sales.

70.5. Directory Assistance Data. This Section refers to the residential, business, and government subscriber records used by Sprint to create and maintain databases for the provision of live or automated operator assisted Directory Assistance. Directory Assistance Data is information that enables telephone exchange CLECs to swiftly and accurately respond to requests for directory information, including, but not limited to name, address and phone

numbers. Under the provisions of the Act and the FCC's Interconnection order, Sprint shall provide unbundled and non-discriminatory access to the residential, business and government subscriber records used by Sprint to create and maintain databases for the provision of live or automated operator assisted Directory Assistance. This access shall be provided under separate contract.

70.6. Systems Interfaces and Exchanges

70.6.1. Directory Assistance Data Information Exchanges and Interfaces

70.6.1.1. Subscriber List Information

70.6.1.1.1. Sprint shall provide to CLEC, at CLEC's request, all published Subscriber List Information (including such information that resides in Sprint's master subscriber system/accounts master file for the purpose of publishing directories in any format as specified by the Act) via an electronic data transfer medium and in a mutually agreed to format, on the same terms and conditions and at the same rates that the Sprint provides Subscriber List Information to itself or to other third parties. All changes to the Subscriber List Information shall be provided to CLEC pursuant to a mutually agreed format and schedule. Both the initial List and all subsequent Lists shall indicate for each subscriber whether the subscriber is classified as residence or business class of service.

70.6.1.1.2. CLEC shall provide directory listings to Sprint pursuant to the directory listing and delivery requirements in the approved OBF format, at a mutually agreed upon timeframe. Other formats and requirements shall not be used unless mutually agreed to by the parties.

70.7. Listing Types

LISTED

The listing information is available for all directory requirements.

NON-LISTED

The listing information is available to all directory requirements, but the information does not appear in the

published street directory.

NON-PUBLISHED A directory service may confirm, by name and address, the presence of a listing, but the telephone number is not available. The listing information is not available in either the published directory or directory assistance.

PART I - REPORTING STANDARDS

71. GENERAL

- 71.1. Sprint shall satisfy all service standards, intervals, measurements, specifications, performance requirements, technical requirements, and performance standards and will pay any penalties for violation of the performance standards that are required by law or regulation. In addition, Sprint's performance under this agreement shall be provided to CLEC at parity with the performance Sprint provides itself for like service(s).

PART J – COLLOCATION

72. SCOPE OF COLLOCATION TERMS

- 72.1. Sprint will provide Collocation to CLEC in accordance with this Agreement for the purposes of Interconnection to Sprint facilities or services of Sprint or other carriers pursuant to the Act (including 47 U.S.C. § 251(c)(2)) and for obtaining access to Sprint's UNEs pursuant to the Act (including 47 U.S.C. § 251(c)(3)). Collocation shall be provided on a nondiscriminatory 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)).
- 72.2. Prices and fees for collocation and other services under this Agreement are contained in Table Two. In the event Sprint files tariffs for pricing of collocation and other services covered by this agreement, such pricing in the tariffs will control over Table Two as of the date the tariff becomes effective. The terms and conditions of this Agreement will control over any terms and conditions in the tariff.
- 72.3. This Agreement states the general terms and conditions upon which Sprint will grant to CLEC the non-exclusive right to gain access to and occupy the Collocation Space, and other associated facilities as may be necessary, for the sole and exclusive purpose of providing telecommunications service upon submission of an approved and provisioned Application for collocation service. Such service will be provided by installing, maintaining and operating CLEC's equipment, which will interconnect with Telecommunications Services and facilities provided by Sprint or others in accordance with this Agreement.

73. TERMINATION OF COLLOCATION SPACE

- 73.1. CLEC may terminate occupancy in a particular Collocation Space upon thirty (30) Days prior written notice to Sprint. Upon termination of such occupancy, CLEC at its expense shall remove its equipment and other property from the Collocation Space. CLEC shall have thirty (30) Days from the termination date to complete such removal, including the removal of all equipment and facilities of CLEC's Guests; provided, however, that CLEC shall continue payment of monthly fees to Sprint until such date as CLEC has fully

vacated the Collocation Space. CLEC will surrender the Collocation Space to Sprint in the same condition as when first occupied by CLEC, except for ordinary wear and tear.

- 73.2. CLEC shall be responsible for the cost of removing any enclosure, together with all supporting structures (e.g., racking, conduits), of an Adjacent Collocation arrangement at the termination of occupancy and restoring the grounds to their original condition.
- 73.3. Upon Sprint's termination of CLEC's right to possession of a Collocation Space, CLEC shall surrender possession and vacate the Collocation Space within thirty (30) Days. Failure to surrender the Collocation Space within thirty (30) Days shall be considered abandonment and Sprint will have the right to remove the equipment and other property of CLEC or the CLEC's Guest at CLEC's expense and with no liability for damage or injury to CLEC's property.
- 73.4. Should Sprint under any section of this Agreement remove any of CLEC's equipment from its collocation space, Sprint will deliver to CLEC any equipment removed by Sprint only upon payment by CLEC of the cost of removal, storage and delivery, and all other amounts due Sprint under this Agreement. Should CLEC fail to remove any of its equipment deemed abandoned, title thereto shall pass to Sprint under this Agreement as if by a Bill of Sale. Nothing herein shall limit Sprint from pursuing, at its option, any other remedy in law, equity, or otherwise related to CLEC's occupancy in the Collocation Space, including any other remedy provided in this Agreement.
- 73.5. CLEC shall surrender all keys, access cards and Sprint-provided photo identification cards to the Collocation Space and the Building to Sprint, and shall make known to Sprint the combination of all combination locks remaining on the Collocation Space.
- 73.6. If it becomes necessary in Sprint's reasonable judgment, and there are no other reasonable alternatives available, Sprint shall have the right, for good cause shown, and upon thirty (30) Days prior notice, to reclaim the Collocation Space or any portion thereof, any Inner Duct, Outside Cable Duct, Cable Vault space or other Sprint-provided facility in order to fulfill its common carrier obligations, any order or rule of the state commission or the FCC, or Sprint's tariffs to provide Telecommunications Services to its end user customers. In such cases, Sprint will reimburse CLEC for

reasonable direct costs and expenses in connection with such reclamation.

- 73.7. If it becomes necessary in Sprint's reasonable judgment, and there are no other reasonable alternatives, to require CLEC to move to equivalent space in the Premises upon receipt of sixty (60) Days written notice from Sprint, in which event, Sprint shall pay all moving costs, and the Collocation License Fee provided for herein shall remain the same.

74. COLLOCATION OPTIONS

- 74.1. Sprint will offer Collocation Space to allow CLEC to collocate its equipment and facilities, and without requiring the construction of a cage or similar structure. Sprint shall make cageless collocation available in single bay increments. For equipment requiring special technical considerations, CLEC must provide the equipment layout, including spatial dimensions for such equipment pursuant to generic requirements contained in Telcordia GR-63-Core and shall be responsible for constructing all special technical requirements associated with such equipment pursuant to this Agreement.
- 74.2. Sprint will authorize the enclosure of CLEC's equipment and facilities at CLEC's option. Sprint will provide guidelines and specifications upon request. Based on CLEC's request, space and cage enclosures in amounts as small as that sufficient to house and maintain a single rack or bay or equipment will be made available. At CLEC's option, Sprint will permit CLEC to arrange with a third party vendor to construct a Collocation Arrangement enclosure at CLEC's sole expense. CLEC's third party vendor will be responsible for filing and receiving any and all necessary permits and/or licenses for such construction. The third party vendor shall bill CLEC directly for all work performed for CLEC and Sprint will have no liability for nor responsibility to pay such charges imposed by the third party vendor. CLEC must provide the local Sprint building contact with one Access key used to enter the locked enclosure. Except in case of emergency, Sprint will not access CLEC's locked enclosure prior to notifying CLEC and obtaining authorization.
- 74.2.1. Sprint has the right to review CLEC's plans and specifications prior to allowing construction to start. Sprint will complete its review within fifteen (15) Days of receipt of such plans. Sprint has the right to inspect the enclosure after construction to make sure it is constructed according

to the submitted plans and specifications. Sprint can require CLEC to remove or correct, at its cost, any structure that does not meet these plans.

- 74.3. CLEC may allow other telecommunications carriers to share its caged collocation arrangement pursuant to terms and conditions agreed to by CLEC ("Host") and other telecommunications carriers ("Guests"). CLEC will notify Sprint in writing upon execution of any agreement between the Host and its Guest within twelve (12) calendar days of its execution. Further, such notice shall include the name of the Guest(s) and their term of agreement, and shall contain a certification by CLEC that said agreement imposes upon the Guest(s) the same terms and conditions (excluding rates) for collocation space as set forth in this Agreement.
- 74.3.1. As Host, CLEC will be the sole interface and responsible party to Sprint for the purpose of submitting applications for initial and additional equipment placements of Guest (to the extent required under other sections of this Agreement); for assessment and payment of rates and charges applicable to the Collocations space; and for the purposes of ensuring that the safety and security requirements of this Agreement are fully complied with by the Guest, its employees and agents. In making shared cage arrangements, Sprint will not increase the cost of site preparation or nonrecurring charges above the cost of provisioning a similar caged arrangement in terms of dimensions and material to CLEC, when no Guest shares CLEC's collocation arrangement.
- 74.3.2. Sprint will not place unreasonable restrictions on CLEC's use of a cage, and as such will allow CLEC to contract with other CLECs to share the cage in a sublease type arrangement. If two (2) or more CLECs that have interconnection agreements with Sprint utilize a shared collocation cage, Sprint will permit each CLEC to order UNEs and provision service from the shared collocation space, regardless of which CLEC was the original collocater.
- 74.3.3. If Host terminates a Collocation Arrangement, Host will provide Guest thirty (30) days notice. Guest will assume all obligations and rights of Host as to that Collocation Arrangement if Guest remains in the Collocation Space, including payment of all charges.
- 74.4. Sprint will provide adjacent collocation arrangements ("Adjacent Arrangement") where space within the Premises is legitimately exhausted, subject to technical feasibility. Both Parties will mutually agree on the location of the designated space on the Sprint property where the adjacent structure (such as a CEV or similar structure) will be placed. If a mutual agreement cannot be reached, Sprint will decide

the location, subject to zoning or other state and local regulations and future use by Sprint or other requesting Telecommunications Carriers pursuant to an application submitted under Section 77.

- 74.4.1. CLEC will provide a concrete pad, the structure housing the arrangement, HVAC, lighting, and all facilities that connect the structure (i.e. racking, conduits, etc.) to the Sprint point of interconnection. Should CLEC elect such an option, CLEC must arrange with a third party vendor to construct an Adjacent Arrangement structure in accordance with this Agreement.
- 74.4.2. Sprint maintains the right to review CLEC's plans and specifications prior to construction of an Adjacent Arrangement(s). Sprint will complete its review within thirty (30) calendar days of site selection and receipt of plans. Except that such time period may be extended if any delay is due to the actions of CLEC. Sprint may inspect the Adjacent Arrangement(s) following construction and prior to commencement to ensure the design and construction comply with submitted plans. Sprint may require CLEC to correct any deviations from approved plans found during such inspection(s).
- 74.4.3. Sprint will provide AC power, as requested, subject to being technically feasible. At its option, CLEC may choose to provide its own AC power to the adjacent structure as long as the AC power source is from the same provider as Sprint's.
- 74.4.4. Subject to CLEC being on the waiting list, in the event that space in a Sprint Premises becomes available, Sprint will provide the option to the CLEC to relocate its equipment from an Adjacent Facility into the Sprint Premises. In the event CLEC chooses to relocate its equipment, appropriate charges will apply, including charges to vacate the adjacent collocation arrangement and charges applicable for collocation within the Sprint Premises.
 - 74.5. To the extent possible, Sprint will provide CLEC with contiguous space for any subsequent request for physical collocation space, but makes no assurances that contiguous space will be available.
 - 74.6. Sprint will provide virtual collocation, subject to being technically feasible, if physical collocation is not practical for technical reasons or because of space limitations and in accordance with the Act (including 47 U.S.C. § 251(c)(6) and 47 C.F.R. § 51.321).
- 74.6.1. CLEC may lease to Sprint, at no cost to Sprint, equipment that meets applicable FCC requirements and in accordance with this Agreement, for the sole purpose of having Sprint install and maintain the equipment

in accordance with terms and conditions mutually agreed upon by the Parties.

74.6.2. Virtually collocated equipment shall be purchased by CLEC. Sprint does not assume any responsibility for the design, engineering, testing or performance for the end-to-end connection of CLEC's equipment, arrangement or facilities.

74.6.3. Sprint will install, maintain, and repair CLEC's collocated equipment within the same time periods and with failure rates that are no greater than those that apply to the performance of similar functions for comparable equipment of Sprint, Sprint's affiliates or third parties. The following services are not covered by this Agreement:

74.6.3.1. services to resolve software or hardware problems resulting from products provided by parties other than Sprint or causes beyond the control of Sprint;

74.6.3.2. service of attached, related, collateral or ancillary equipment or software not covered by this Section;

74.6.3.3. repairing damage caused to CLEC's collocated equipment by persons other than Sprint, or its authorized contractors, or

74.6.3.4. repairing damage to other property or equipment caused by operation of CLEC's collocated equipment and not caused by the sole negligence of Sprint.

74.6.4. CLEC warrants that Sprint shall have quiet enjoyment of the equipment. Sprint will be entitled to the benefit of any applicable manufacturer's warranties and indemnities and, to the extent assignable, such warranties and indemnities are hereby assigned by CLEC for the benefit of Sprint and CLEC shall take all reasonable action to enforce such warranties and indemnities where available to Sprint. CLEC shall execute, upon presentation, such documents and instruments as may be required to allow Sprint manufacturer's warranty coverage for any equipment. CLEC warrants that it has full authority to lease the equipment under the terms and conditions set forth herein and that there are no restrictions, legal or otherwise, which would preclude it from so doing.

74.6.4.1. In the event Sprint's right to quiet enjoyment is breached, either by CLEC's failure to make or cause to be made payment to the equipment manufacturer of the full purchase price for the equipment when such payment becomes due, or otherwise, Sprint may give written notice to CLEC and all of Sprint's obligations relating to the affected equipment shall terminate immediately.

74.6.5. Sprint's preparation, if any, of the Premises (e.g., Power, environmental, etc.) for the Virtual Collocation equipment will be charged to CLEC at

rates on Table Two or as filed in a tariff and approved by the Commission.

75. DEMARCATION POINT

- 75.1. Sprint will designate the point of demarcation, unless otherwise mutually agreed to by the Parties, in or adjacent to its Collocation Space. At CLEC's request, Sprint will identify the location(s) of other possible demarcation points available to CLEC, and CLEC will designate from these location(s) the point(s) of demarcation between its collocated equipment and Sprint's equipment. Sprint will use its best efforts to identify the closest demarcation point to CLEC's equipment that is available.
- 75.2. Each Party will be responsible for maintenance and operation of all equipment/facilities on its side of the demarcation point.
- 75.3. At CLEC's option and expense, a point of termination (POT) bay, frame or digital cross-connect may be placed in or adjacent to the Collocation Space that may, at CLEC's option, serve as the demarcation point. If CLEC elects not to provide a POT frame, Sprint will agree to handoff the interconnection cables to CLEC at its equipment, at CLEC's designated demarcation point. When CLEC elects to install its own POT frame/cabinet, Sprint must still provide and install the required DC power panel.

76. APPLICATION PROCESS

- 76.1. Upon CLEC's selection of a Premises in which it desires to collocate its Equipment, Sprint will provide a then current collocation application form (the "Application") to CLEC. CLEC will submit an Application when initially requesting Collocation Space, or modifying the use of the Collocation Space. The Application shall contain a detailed description and schematic drawing of the equipment to be placed in CLEC's Collocation Space(s), the amount of square footage required (or, in the case of Cageless Collocation, bay space) for the current year plus the next calendar year from the date of application, as well as the associated power requirements, floor loading, and heat release of each piece.
 - 76.1.1. CLEC will complete the Application, and return it, along with the appropriate Application Fee, to Sprint. The Application shall include complete details of the collocation and interconnection requested, including, but not limited to, specific floor space, power, and environmental conditioning requirements. Sprint will not process an

Application until both the Application and the applicable Application fee are received.

76.1.2. In the event CLEC desires to modify or decommission the use of the Collocation Space in a manner that requires additional engineering or preparation work by Sprint, CLEC will complete a subsequent Application (augment request) detailing all information regarding the modification to the Collocation Space together with payment of the appropriate Application Augment Fee. Such modifications to the Premises may include but are not limited to, floor loading changes, changes necessary to meet HVAC requirements, changes to power plant requirements, and equipment additions.

76.1.3. Where CLEC modifies the use of the Collocation Space or adds equipment that requires no additional engineering or preparation work on the part of Sprint, Sprint will not impose additional charges or additional intervals that would delay CLEC's operation. CLEC will notify Sprint of the modifications or additional equipment prior to installation.

76.1.4. If Collocation Space is unavailable or CLEC withdraws its request, the Application fee, less the costs incurred by Sprint (e.g. engineering record search and administrative activities required to process the Application) will be refunded. Upon request, Sprint will provide CLEC with a detailed listing, or other reasonable documentation, of the costs incurred by Sprint.

76.2. If CLEC wishes Sprint to consider multiple methods for collocation on a single Application, CLEC will need to include in each Application a prioritized list of its preferred methods of collocating, e.g., caged, shared, or other, as well as adequate information, (e.g., specific layout requirements, cage size, number of bays, requirements relative to adjacent bays, etc.) for Sprint to process the Application for each of the preferred methods. If CLEC provides adequate information and its preferences with its Application, Sprint may not require an additional Application, nor would CLEC be required to restart the quotation interval should its first choice not be available in a requested Premises. Only one collocation arrangement will be provisioned per Application. Sprint will not select for CLEC the type of collocation to be ordered.

76.3. Within ten (10) Days after receiving CLEC's Application for collocation, Sprint will inform CLEC whether the Application meets each of Sprint's established collocation standards. Should CLEC submit a revised Application curing any deficiencies in an Application for collocation within ten days after being informed of them, CLEC shall retain its original position within any collocation queue that

Sprint maintains. If Sprint informs CLEC that there is a deficiency in an Application, Sprint will provide sufficient detail so that CLEC has a reasonable opportunity to cure each deficiency.

- 76.4. All revisions to an initial request for a Physical Collocation Arrangement submitted by CLEC must be in writing. A new interval for the Physical Collocation Arrangement will be established which shall not exceed two months beyond the originally established date. CLEC will be required to pay any applicable Application fees.
- 76.5. Sprint shall provide confirmation of space availability within ten (10) Days of receipt of a complete and accurate Application and applicable Application fee for one (1) to five (5) Applications submitted. Space availability response will be increased by five (5) Days for every five (5) additional Applications received.
 - 76.5.1. Sprint will notify CLEC in writing as to whether its request for Collocation Space has been granted or denied due to lack of space. The notification will also include a possible future space relief date, if applicable.
 - 76.5.2. In order to increase the amount of space available for collocation, Sprint will, upon request, remove obsolete unused equipment, from its Premises to increase the amount of space available for collocation.
 - 76.6. After notifying the CLEC that Sprint has no available space in the requested Central Office (“Denial of Application”), Sprint will allow the CLEC, upon request, to tour the entire Central Office within ten (10) Days, or other mutually agreeable timeframe, of such Denial of Application. In order to schedule said tour the request for a tour of the Central Office must be received by Sprint within five (5) Days of the Denial of Application.
 - 76.6.1. If CLEC contests Sprint’s notice that there is not sufficient space in the Central Office, the parties agree to seek expedited resolution of the dispute at the Commission pursuant to Section 251(c)(6) of the Act. If the Commission determines that space is not available, Sprint will not be required to conduct a review of floor space availability in the same central office more frequently than once every six months.
 - 76.6.2. On a first come, first serve basis, Sprint will maintain a waiting list of requesting carriers who have either received a Denial of Application or, where it is publicly known that the Premises is out of space, have submitted a Letter of Intent to collocate.

- 76.6.3. Sprint will simultaneously notify the telecommunications carriers on the waiting list when space becomes available if there is enough space to accommodate additional collocation. Subsequent to the granting of a Petition for Waiver, if CLEC has been denied space at a Sprint Premises and challenges Sprint on space availability at said Premises, CLEC will be given priority for space assignment if, as a result of the challenge, space is found to be available. CLEC will reaffirm its collocation request within thirty (30) Days of such notification; otherwise, it will be dropped to the bottom of the list. Upon request, Sprint will advise CLEC as to its position on the list.
- 76.6.4. If CLEC's Application for Physical Collocation is denied due to lack of space, Sprint will place CLEC on the waiting list for collocation in particular Premises according to the date CLEC submitted its Application and not the date of denial for lack of space.
- 76.6.5. Sprint will maintain on its Website a notification document that will indicate all Premises that are without available space. Sprint will update such document within ten (10) Days of the date at which a Premises runs out of physical collocation space.
- 76.7. Sprint will provide a price quote within thirty (30) Days of receipt of a complete and accurate Application and applicable Application fee for one (1) to five (5) Applications. Price quote response will be increased by five (5) Days for every five (5) additional Applications received. The quotation will include the applicable nonrecurring and recurring rates.
- 76.8. CLEC has thirty (30) Days from receipt of the quotation to accept the quotation in writing, unless extended interval is mutually agreed upon by the Parties. The quotation expires after thirty (30) Days. After thirty (30) Days, a new Application and Application fee are required. Collocation Space is not reserved until the quotation is accepted. Sprint need not meet the deadlines for provisioning Physical Collocation if, after receipt of any price quotation provided by Sprint, CLEC does not notify Sprint that physical collocation should proceed.
- 76.9. CLEC will indicate its intent to proceed with equipment installation in a Sprint Premises by accepting the price quote, which constitutes a Bona Fide Firm Order ("BFFO"). If CLEC makes changes to its Application in light of Sprint's written Application Response, Sprint may be required to re-evaluate and respond to the change(s). In this event, CLEC's Application will be treated as a Revision.

76.10. Space preparation for the Collocation Space will not begin until Sprint receives the BFFO and all applicable fees, including all non-recurring charges required by Sprint at the time of the BFFO.

77. SPACE RESERVATION

77.1. The parties may reserve physical collocation space for their own specific uses for the remainder of the current year, plus twelve (12) months in accordance with Section 76. Neither Sprint, nor any of its affiliates, will reserve space for future use on terms more favorable than those that apply to other telecommunications carriers seeking to reserve collocation space for their own future use.

78. PROVISIONING INTERVALS

78.1. Sprint will complete construction of Caged Physical (including Shared Caged), Cageless Physical, and Virtual Collocation arrangements within ninety (90) Days of receipt of a BFFO. Sprint will complete construction of Adjacent Collocation arrangements (as defined in 75.4?) within one hundred-twenty (120) Days of receipt of a BFFO. If Sprint is unable to complete construction as provided herein, the parties may agree to a mutually acceptable interval or Sprint may petition the Commission for waiver.

79. CONSTRUCTION AND COMMENCEMENT OF BILLING

79.1. Sprint shall permit CLEC or its designated subcontractor to perform the construction of physical collocation space, provided however, that any such CLEC subcontractor shall be subject to Sprint's security standards. Sprint reserves the right to reject any CLEC subcontractor upon the same criteria that Sprint would use on its own subcontractors. CLEC will notify Sprint in writing when construction of physical collocation space is complete.

79.2. Sprint shall have the right to inspect CLEC's completed installation of equipment and facilities prior to CLEC turning up such equipment and facilities. CLEC shall provide written notification to Sprint when CLEC has completed its installation of equipment and facilities in the Collocation space, and Sprint shall, within five (5) Business Days of receipt of such notice, either (i) inspect such Collocation space or (ii) notify CLEC that Sprint is not exercising its right to inspect such Collocation space at that time and that CLEC may turn up its equipment and

facilities. Failure of Sprint to either inspect the Collocation space or notify CLEC of its election not to inspect such space within the foregoing five (5) Business Day period shall be deemed an election by Sprint not to inspect such Collocation space. CLEC shall have the right to be present at such inspection, and if CLEC is found to be in non-compliance with the terms and conditions of this Agreement that relate to the installation and use of CLEC's Collocated equipment and facilities, CLEC shall modify its installation to achieve compliance prior to turning up its equipment and facilities.

- 79.3. To the extent Sprint performs the construction of the Physical Collocation Arrangement, Sprint shall construct the Collocated Space in compliance with a mutually agreed to collocation request. Any deviation to CLEC's order must thereafter be approved by CLEC. The Parties acknowledge that CLEC approved deviations may require additional construction time and may incur additional CLEC expenses. CLEC shall pay the incremental cost incurred by Sprint as the result of any Revision to the Collocation request. CLEC will pay all applicable fees, including any nonrecurring charges required by Sprint, prior to Sprint commencing construction of the collocation space.
- 79.4. CLEC will be responsible for all extraordinary costs, as determined in accordance with the Act, incurred by Sprint to prepare the Collocation space for the installation of CLEC's equipment and for extraordinary costs to maintain the Collocation space for CLEC's equipment on a going-forward basis. Extraordinary costs may include costs for such items as asbestos removal, fire suppression system or containment, modifications or expansion of cable entry facility, increasing the DC power system infrastructure capacity, increasing the capacity of the standby AC system (if available) or the existing commercial power facility, conversion of non-Collocation space, compliance with federal and state requirements, or other modifications required by local ordinances. Sprint will charge for these extraordinary costs on a time-sensitive or time-and-materials basis and will allocate the costs fairly among itself, CLEC and other collocators. An estimate of such costs, as determined in accordance with the Act, will be provided to CLEC prior to commencing such work. Extraordinary costs will only be billed to CLEC if such costs have been authorized by CLEC. Sprint must advise CLEC if extraordinary costs will be incurred.

- 79.5. Each Party or its agents will diligently pursue filing for the permits required for the scope of work to be performed by that Party or its agents.
- 79.6. Sprint will notify CLEC when construction of a Collocation Space is complete. The Parties will complete an acceptance walk through of each provisioned Collocation Space. Sprint will commence to correct any deviations to CLEC's original or jointly amended requirements within five (5) Days after the walk through. If CLEC does not conduct an acceptance walk through within fifteen (15) Days of the notification that the Collocation Space construction is complete, CLEC will be deemed to have accepted the Collocation Space and billing will commence.
- 79.7. CLEC must submit a written request to cancel its order for Physical, Caged, Shared Cage, Adjacent Space, or Virtual Collocation. CLEC will reimburse Sprint for any actual expenses incurred and not already paid, which may include incidental equipment costs, material ordered, provided or used; labor; transportation, DS0, DS1 and DS3 cable and all other associated costs. Upon request, Sprint will provide CLEC with a detailed listing, or other reasonable documentation, of the costs to validate the expense documentation.

80. EQUIPMENT

- 80.1. CLEC may only locate equipment necessary for interconnection to Sprint and accessing Sprint's unbundled network elements in accordance with Applicable Rules, including but not limited to 47 U.S.C. 251 (C) (3), 47 U.S.C. 251 (C) (2), and 47 C.F.R. 51.323(b-c).
- 80.2. CLEC's equipment and facilities shall not be placed or operated in such a manner that creates hazards or causes physical harm to any individual or the public.
- 80.3. All equipment to be collocated must meet Level 1 safety requirements as set forth in Telcordia Network Equipment and Building Specifications ("NEBS"), but Sprint will not impose safety requirements on CLEC that are more stringent than the safety requirements it imposes on its own equipment. If Sprint denies collocation of CLEC's equipment, citing safety standards, Sprint must provide to CLEC within five (5) Business Days of the denial a list of all equipment that Sprint locates within the Premises in question, together with an affidavit attesting that all of that

equipment meets or exceeds the safety standard that Sprint contends the competitor's equipment fails to meet. In the event that Sprint believes that the collocated equipment is not necessary for interconnection or access to unbundled network elements or determines that CLEC's equipment does not meet NEBS Level 1 safety requirements, CLEC will be given ten (10) Days to comply with the requirements or remove the equipment from the collocation space. If the parties do not resolve the dispute, the Parties may file a complaint at the Commission seeking a formal resolution of the dispute. While the dispute is pending, Sprint will not prevent or otherwise delay installation of the disputed equipment in the Collocation space; however, CLEC will not activate the equipment during the pendency of the dispute.

- 80.4. CLEC must notify Sprint in writing that collocation equipment installation is complete and is operational with Sprint's network. If CLEC fails to place operational telecommunications equipment in the collocated space and connect with Sprint's network within one-hundred-eighty (180) Days of CLEC's acceptance of Sprint's price quote, or other time period mutually agreed to by the CLEC and Sprint, Sprint may terminate the applicable Collocation Space upon written notice. CLEC will reimburse Sprint for any actual expenses incurred and not already paid, which may include incidental equipment costs, material ordered, provided or used; labor; transportation, DS0, DS1 and DS3 cable and all other associated costs. Upon request, Sprint will provide CLEC with a detailed listing, or other reasonable documentation of the costs, for the validation of the expense.

81. AUGMENTS AND ADDITIONS

- 81.1. When CLEC modifies the Collocation Arrangement or adds equipment that requires no additional space preparation work on the part of Sprint, Sprint may not impose additional charges or additional intervals that would delay the CLEC's operation. CLEC will notify Sprint of the modifications or additional equipment prior to installation.
- 81.2. In the event CLEC desires to modify or decommission the use of the Collocation Space in a manner that requires additional engineering or preparation work by Sprint, CLEC will complete a subsequent Application (augment request) detailing all information regarding the modification to the

Collocation Space. Such modifications to the Premises may include but are not limited to, floor loading changes, changes necessary to meet HVAC requirements, changes to power plant requirements, and equipment additions.

- 81.3. CLEC must submit an Application and applicable Application fee to obtain a price quote. The price quote will contain the charges and the construction interval for that application. The construction interval for augments will not exceed ninety (90) Days from BFFO. If special or major construction is required, Sprint will work cooperatively with CLEC to negotiate mutually agreeable construction intervals for augments.

82. USE OF COMMON AREAS

- 82.1. CLEC, its employees, agents and invitees shall have a non-exclusive right to use those portions of the common area of the Building as are designated by Sprint from time to time, including, but not limited to, the right to use rest rooms in proximity to the Collocation Space, corridors and other access ways from the entrance to the Building, the Collocation Space, and the parking areas for vehicles of persons while working for or on behalf of CLEC at the Collocation Space; provided, however, that Sprint shall have the right to reserve parking spaces for Sprint's exclusive use or use by other occupants of the Building. Sprint does not guarantee that there is or will be sufficient parking spaces in parking areas to meet CLEC's needs. Sprint does not guarantee that restroom facilities or water will be available. All common areas shall remain under the exclusive control and management of Sprint, and Sprint shall have the right to change the level, location and arrangement of parking areas and other common areas, as Sprint may deem necessary. Use of all common areas shall be subject to such reasonable rules and regulations as Sprint may from time to time impose, consistent with CLEC's right to access its Collocation Space.
- 82.2. Sprint, where water is available for its own use, shall furnish running water from regular Building outlets for drinking, lavatory and toilet purposes drawn through fixtures installed by Sprint, for the non-exclusive use of CLEC, Sprint and any other building occupant. CLEC shall not waste or permit the waste of water.
- 82.3. Sprint shall furnish Building and Premises security in accordance with its normal business practices. Other than

the locks on the entrances to the Collocation Space, Sprint shall provide no security specific to CLEC's Collocation Space. Sprint shall not be liable to CLEC or any other party for loss of or damage to the Collocation Space or CLEC equipment unless Sprint has failed to provide Building and Premises security in accordance with its normal business practices.

82.4. Sprint shall furnish passenger elevator service as necessary to reach the Collocation Space or common areas to which CLEC has access pursuant to the terms of this Agreement twenty-four (24) hours a day, seven (7) days a week. Freight elevator service when used by CLEC's contractors, employees or agents shall be provided in a non-discriminatory manner as reasonably determined by Sprint.

83. CO-CARRIER CROSS CONNECTION

83.1. For the term of this agreement, unless earlier terminated, Sprint shall furnish the following services:

83.1.1. Sprint, in compliance with 47 C.F.R. 51.323(h), shall permit CLEC to interconnect its network, via cross-connect facilities ("X-C"), with that of another collocated telecommunications carrier at the Sprint premises. CLEC may provision X-Cs within its collocation space without application or additional charges by Sprint. Sprint will provide such X-Cs for non-adjacent locations at the expense of CLEC per CLEC's request.

83.1.2. Co-carrier cross-connects ("CCX-Cs") are X-Cs between CLEC and another collocated telecommunications carrier other than Sprint, and are only available when both collocation arrangements (either caged, cageless, and/or virtual) being interconnected are within the same Sprint premises, provided that the collocated equipment is used for interconnection with Sprint and/or for access to the Sprint's unbundled network elements. Sprint shall provide such CCX-C connections from CLEC's collocation arrangement to the collocation arrangement of another telecommunications carrier in the same Sprint premises under the terms and conditions of this attachment. CCX-C is provided at the same transmission level from CLEC to another telecommunications carrier.

83.1.3. Sprint, at its sole discretion, shall permit CLEC to self-provision CCXCs to interconnect its network with that of another adjacently collocated telecommunications carrier in the same Sprint premises without application or additional charges. Additionally, CLEC may provision X-Cs within its collocation space without application or additional charges by Sprint.

83.1.4. Sprint will provide such CCXCs for non-adjacent collocation

arrangements at the expense of CLEC per CLEC's request. Sprint will provide connections between CLEC's own non-adjacent virtual and/or physical collocation arrangements within the same central office at the expense of CLEC and provisioned per CLEC's order.

83.1.5. In those cases where CLEC's virtual and/or physical collocation space is adjacent in the central office, CLEC may have the option, at Sprint's sole discretion of using CLEC's own technicians to deploy Direct connects ("DCs") using either electrical or optical facilities between the collocation spaces and constructing its own dedicated cable support structure according to Sprint's technical and safety standards. Sprint will provide for connection directly between CLEC's non-adjacent virtual and/or physical collocation arrangements within the same central office by utilizing a DC, at the expense of CLEC per CLEC's request.

83.2. The term "Adjacent" in this Section 88 refers to collocation arrangements in the same Premises that have a common border; and is not referring to the form of Physical Collocation as described in 47 C.F.R. 51.323(k)(3).

83.3. Sprint will provision cross-connects in compliance with 41CFR 51.323(h).

84. RATES

84.1. The rates for collocation are listed on Table Two.

84.2. If CLEC is the first collocater in the Sprint premises, CLEC will not be responsible for the entire cost of site preparation and security. However, ancillary charges for unique collocater requests for collocation options directly attributable to the requesting collocater will not be prorated. Examples include power arrangements, remote switch module related options and POT bay-related options.

84.3. The rates and charges in this Agreement do not include costs for any Americans with Disability Act (ADA) construction generated or caused by the physical collocation space request. If required, ADA construction will be provided on an ICB. If Sprint is required to upgrade a Premises, or portion of the Premises to comply with the ADA which arises as a direct result of CLEC's Collocation Arrangement, Sprint will prorate the total forward-looking economic cost of the upgrade, and allocate the charge to each CLEC collocated within the Premises, based on the total space utilized by each collocated CLEC. Should Sprint benefit in any way whatsoever from the ADA upgrades, it shall share in the proration of costs. Should Sprint be the sole

beneficiary of an upgrade (e.g., an upgrade would have had to be made regardless of whether or not a CLEC was collocated in the Premises), Sprint shall absorb all of the costs related to such an upgrade.

84.4. Facility Modifications

- 84.4.1. To the extent that a modification is made for the specific benefit of any particular party, costs of modification are to be proportionately born by those who directly benefit including the ILEC. The cost is allocated using the proportion of the new space occupied to the total new space made available.
- 84.4.2. If a non-requesting party benefits from the modification, e.g. using the opportunity to bring their equipment or arrangement into compliance with certain standards, or making adjustments leading to improvement, then the party will be deemed to be sharing. This party will be responsible for its share of the modification costs.
- 84.4.3. None of the costs will be allocated to a third party that gains incidental benefit, but did not cause the modification or modify their facilities.
- 84.4.4. If a current user of space subsequently initiates new uses of the modified facility by other parties to avoid modification costs or if new entrants use the facility, they will share in the modification costs. The modifying party(s) may recover a proportionate share of the modification costs from parties that later are able to obtain access as a result of the modification. If measurable depreciation has occurred as a result of the modification, the subsequent party may pay a lower cost.
- 84.4.5. Parties requesting or joining in a modification also will be responsible for resulting costs to maintain the facility on an ongoing basis.

85. SPRINT SERVICES AND OBLIGATIONS

- 85.1. Sprint shall furnish air conditioning and/or other environmental controls for the area in which the Collocation Space is located in a manner consistent with those provided elsewhere in the Building. Sprint shall furnish air conditioning and/or other environmental controls for the Collocation Space based on information provided by CLEC to Sprint in its Application which CLEC hereby represents to Sprint is sufficient to allow the CLEC equipment to function without risk of harm or damage to the Collocation Space, the Building or any equipment or facilities of Sprint or any other occupant of the Building. These environmental conditions shall adhere to Telcordia Network Equipment Building System (NEBS) standards GR-63-CORE Issue 2 or other mutually agreed upon standards.

85.1.1. If CLEC locates equipment or facilities in the Collocation Space which Sprint determines, in the exercise of reasonable business judgement, affect the temperature or other environmental conditions otherwise maintained by Sprint in the Building, Sprint reserves the right to provide and install supplementary air conditioning units or other environmental control devices in the Collocation Space, and the cost of providing, installing, operating and maintaining any such supplementary air conditioning units or other environmental control devices made necessary solely by CLEC's equipment or facilities shall be paid by CLEC to Sprint. If supplementary air conditioning units or other environmental control devices are required for more than one CLEC each CLEC will pay a pro-rata share of such costs, in proportion to the space occupied by each as compared to the total space available for collocation.

85.2. If Sprint, in the exercise of its reasonable business judgment, determines that the electricity provided to CLEC pursuant to this Section is insufficient to support the activity being carried on by the CLEC in the Collocation Space, Sprint may require the installation of additional electrical circuits to provide CLEC with additional electricity and CLEC shall reimburse Sprint upon notifying and providing CLEC costs involved for any expenses incurred in making such additional electrical circuits available to CLEC's Collocation Space. CLEC shall also pay for additional electricity provided via these circuits.

85.2.1. CLEC covenants and agrees that Sprint shall not be liable or responsible to CLEC for any loss, damage or expense which CLEC may sustain or incur if either the quality or character of electrical service is changed or is no longer suitable for CLEC's requirements.

85.2.2. CLEC agrees to request in writing, via a complete and accurate Application, all electrical needs to power its equipment. The Application shall contain the total power needs, the date needed, and the exact location where termination of the electrical power shall occur. Actual power usage of the CLEC's equipment shall not exceed the requested capacity.

85.2.3. Central office power supplied by Sprint into the CLEC equipment area shall be supplied in the form of power feeders (cables) on cable racking into the designated CLEC equipment area. The power feeders (cables) shall efficiently and economically support the requested quantity and capacity of CLEC equipment. The termination location shall be as agreed by the parties.

85.2.4. Sprint shall provide power as requested by CLEC to meet CLEC's need for placement of equipment, interconnection, or provision of service.

85.2.5. Sprint power equipment supporting CLEC's equipment shall:

- 85.2.5.1. Comply with applicable industry standards (e.g., Telcordia, NEBS and IEEE) or manufacturer's equipment power requirement specifications for equipment installation, cabling practices, and physical equipment layout or at minimum, at parity with that provided for similar Sprint equipment;**
- 85.2.5.2. Have redundant power feeds with physical diversity and battery back-up as required by the equipment manufacturer's specifications for CLEC equipment, or, at minimum, at parity with that provided for similar Sprint equipment;**
- 85.2.5.3. Provide, upon CLEC's request and at CLEC's expense, the capability for real time access to power performance monitoring and alarm data that impacts (or potentially may impact) CLEC traffic;**
- 85.2.5.4. Provide central office ground, connected to a ground electrode located within the Collocated Space, at a level above the top of CLEC equipment plus or minus 2 feet to the left or right of CLEC's final request; and**
- 85.2.5.5. Provide feeder cable capacity and quantity to support the ultimate equipment layout for CLEC's equipment in accordance with CLEC's collocation request.**
- 85.2.6. Sprint shall provide cabling that adheres to Telcordia Network Equipment Building System (NEBS) standards GR-63-CORE Issue 2;**
- 85.2.7. Sprint shall provide Lock Out-Tag Out and other electrical safety procedures and devices in conformance with the most stringent of OSHA or industry guidelines.**
- 85.2.8. Sprint will provide CLEC with written notification within ten (10) business days of any scheduled AC or DC power work or related activity in the collocated facility that will or might cause an outage or any type of power disruption to CLEC equipment located in Sprint facility. Sprint shall provide CLEC immediate notification by telephone of any emergency power activity that would impact CLEC's equipment.**
- 85.3. Subject to the provisions of Section 86.3.3 hereof, Sprint may furnish an existing Halon 1301 Fire Suppression System, or may, but is not obligated to, provide its equivalent, to provide fire protection in the Collocation Space designed to comply with the National Fire Protection Association ("NFPA") 12A Standard on Halon 1301 Fire Extinguishing Systems or with NFPA standard 2001 dealing with alternative fire suppression agents. Sprint shall furnish fire and smoke detection systems designed to comply with**

the NFPA 72E Standard on Automatic Fire Detectors in effect as of the collocation date.

- 85.3.1. Stand alone fire extinguishers will be provided in and about the Building and the Collocation Space by Sprint as required by applicable fire codes.
- 85.3.2. Sprint and Sprint's insurance carriers will perform regular inspections of fire protection systems, and CLEC hereby agrees to provide Sprint and Sprint's insurance carriers access to the Collocation Space for purposes of such inspections, via pass key or otherwise. Sprint agrees to provide CLEC with notice of its intent to access CLEC's Collocation Space where, in Sprint's sole discretion, such notice is practicable; provided, however, that no failure of Sprint to give such notice will affect Sprint's right of access or impose any liability on Sprint. Sprint will, at its expense, maintain and repair the fire and smoke detection systems unless maintenance or repair is required due to the act or omission of CLEC, its employees, agents or invitees, in which case CLEC shall reimburse Sprint for the cost of such repair or replacement. If a Halon or alternative fire suppression system is in place, the CLEC shall, if at fault, and at Sprint's option, replace Halon or other fire extinguishing material discharged as a result of CLEC's act or omission. CLEC shall have no duty to inspect fire protection systems outside the Collocation Space; provided, however, if CLEC is aware of damage to the fire protection systems it shall promptly notify Sprint.
- 85.3.3. CLEC is aware the Collocation Space will contain a fire detection system and may contain a fire suppression system. In the event of discharge, Sprint is relieved of all liability for damage to equipment or personal injury except in cases where such damage to equipment or personal injury is due to the gross negligence or willful misconduct of Sprint, its officers, agents or employees.
- 85.4. Sprint shall, at its sole expense, except as hereinafter provided, provide repair and maintenance of heating, cooling and lighting equipment and regularly scheduled refurbishment or decorating to the Collocation Space, Building and Premises, in a manner consistent with Sprint's normal business practices.
- 85.4.1. Sprint shall not be obligated to inspect the Collocation Space, make any repairs or perform any maintenance unless first notified of the need in writing by CLEC. If Sprint shall fail to commence the repairs or maintenance within twenty (20) Days after written notification, provided that the delay are not caused by CLEC, CLEC's sole right and remedy shall be, after further notice to Sprint, to make such repairs or perform such maintenance and to deduct that cost and expenses from the physical collocation fees payable; provided, however, that the amount of such deduction shall not exceed the reasonable value of such repairs or

maintenance.

85.4.2. Sprint shall, where practical, provide CLEC with twenty-four (24) hours prior notice before making repairs and/or performing maintenance on the Collocation Space; provided, however, that Sprint shall have no obligation to provide such notice if Sprint determines, in the exercise of its sole discretion, that such repair or maintenance must be done sooner in order to preserve the safety of the Building or the Collocation Space, or if required to do so by any court or governmental authority. Work shall be completed during normal working hours or at other times identified by Sprint. CLEC shall pay Sprint for overtime and for any other expenses incurred if such work is done during other than normal working hours at CLEC's request. CLEC shall have the right, at its sole expense, to be present during repair or maintenance of the Collocation Space.

85.4.3. The cost of all repairs and maintenance performed by or on behalf of Sprint to the Collocation Space which are, in Sprint's reasonable judgment, beyond normal repair and maintenance, or are made necessary as a result of misuse or neglect by CLEC or CLEC's employees, invitees or agents, shall be paid by CLEC to Sprint within ten (10) Days after being billed for the repairs and maintenance by Sprint. Upon request, Sprint will provide CLEC with a detailed listing, or other reasonable documentation of the costs, for validation of the expense.

85.5. Sprint shall provide CLEC with notice via email three (3) Business Days prior to those instances where Sprint or its subcontractors perform work which is known to be a service affecting activity. Sprint will inform CLEC by e-mail of any unplanned service outages. Notification of any unplanned service outages shall be made as soon as practicable after Sprint learns that such outage has occurred.

85.6. Sprint reserves the right to stop any service when Sprint deems such stoppage necessary by reason of accident or emergency, or for repairs, improvements or otherwise; however, Sprint agrees to use its best efforts not to interfere with CLEC's use of Collocation Space. Sprint does not warrant that any service will be free from interruptions caused by labor controversies, accidents, inability to obtain fuel, water or supplies, governmental regulations, or other causes beyond the reasonable control of Sprint.

85.6.1. No such interruption of service shall be deemed an eviction or disturbance of CLEC's use of the Collocation Space or any part thereof, or render Sprint liable to CLEC for damages, by abatement of CLEC Fees or otherwise, except as set forth in the Tariff, or relieve CLEC from performance of its obligations under this Agreement. CLEC hereby

waives and releases all other claims against Sprint for damages for interruption or stoppage of service.

85.7. For physical collocation, subject to reasonable building rules and any applicable Security Arrangements, CLEC shall have the right of entry twenty-four (24) hours per day seven (7) days a week to the Building, common areas, Collocation Space and common cable space.

85.7.1. Sprint reserves the right to close and keep locked all entrance and exit doors of the Premises during hours Sprint may deem advisable for the adequate protection of the Premises. Use of the Premises at any time it is unattended by appropriate Sprint personnel, or on Sundays and state and federal or other holidays recognized by Sprint, or, if CLEC's Collocation Space is not fully segregated from areas of the Premises containing Sprint equipment, shall be subject to such reasonable rules and regulations as Sprint may from time to time prescribe for its own employees and third party contractors.

85.7.2. To require all persons entering or leaving the Premises during such hours as Sprint may from time to time reasonably determine to identify themselves to a watchman by registration or otherwise and to establish their right to leave or enter, and to exclude or expel any solicitor or person at any time from the Collocation Space or the Premises. Sprint is not responsible and shall not be liable for any damage resulting from the admission or refusal to admit any unauthorized person or from the admission of any authorized person to the Premises, unless the damage is the result of gross negligence or willful misconduct on the part of Sprint.

85.8. Sprint shall have access to CLEC's Physical Collocation Space at all times, via pass key or otherwise, to allow Sprint to react to emergencies, to maintain the space (not including CLEC's equipment), and to monitor compliance with the rules and regulations of the Occupational Health and Safety Administration or Sprint, or other regulations and standards including but not limited to those related to fire, safety, health, and environmental safeguards. If a secure enclosure defining the location of the CLEC's Collocation Space has been established, and if conditions permit, Sprint will provide CLEC with notice (except in emergencies in which case, notice will be provided as soon as practical) of its intent to access the Collocation Space, thereby providing CLEC the option to be present at the time of access. CLEC shall not attach, or permit to be attached, additional locks or similar devices to any door or window, nor change existing locks or the mechanism thereof.

85.8.1. To enter the Collocation Space for the purposes of examining or inspecting same and of making such repairs or alterations as Sprint deems necessary. CLEC hereby waives any claim for damage, injury, interference with CLEC's business, any loss of occupancy or quiet enjoyment of the Collocation Space, and any other loss occasioned by the exercise of Sprint's access rights, except in the event such damages result solely from the gross negligence or willful misconduct of Sprint.

85.8.2. To use any means Sprint may deem proper to open Collocation Space doors or enclosures in an emergency. Entry into the Collocation Space obtained by Sprint by any such means shall not be deemed to be forcible or unlawful entry into or a detainment of or an eviction of CLEC from the Collocation Space or any portion thereof.

86. CLEC'S OBLIGATIONS

86.1. CLEC shall regularly inspect the Collocation Space to ensure that the Collocation Space is in good condition. CLEC shall promptly notify Sprint of any damage to the Collocation Space or of the need to perform any repair or maintenance of the Collocation Space, fixtures and appurtenances (including hardware, heating, cooling, ventilating, electrical, and other mechanical facilities in the Collocation Space). CLEC shall provide regular janitorial service to its Collocation Space and keep the Collocation Space clean and trash free.

86.2. CLEC agrees to abide by all of Sprint's security practices for non-Sprint employees with access to the Building, including, without limitation:

86.2.1. CLEC must obtain non-employee photo identification cards for each CLEC employee or vendor. Temporary identification cards may otherwise be provided by Sprint for employees or agents, contractors and invitees of CLEC who may require occasional access to the Collocation Space.

86.2.2. CLEC will supply to Sprint the completed access form for employees or approved vendors who require access to the Premises. Sprint may reasonably deny access to any person into the building. Sprint's objections will be consistent with the grounds for denying access to personnel of its own contractors or for denying employment directly with Sprint.

86.2.3. Sprint may issue security cards, codes, or keys to CLEC's listed employees or vendors where such systems are available and their use by CLEC will not otherwise compromise building security. The rate for the issuance of security cards is listed on Table Two.

86.2.4. CLEC is responsible for returning identification and security cards, codes, or keys of its terminated employees or its employees who no longer require access to the Collocation Space. All cards, codes, or keys must be returned upon termination of the applicable Collocation Space. CLEC will reimburse Sprint actual costs due to unreturned or replacement cards, codes, or keys.

86.2.5. In the event that a key is lost by CLEC employee, CLEC is responsible for costs associated with recoring locks and reissuing keys to Sprint and other parties authorized to access the Premise.

86.2.6. CLEC's employees, agents, invitees and vendors must display identification cards at all times.

86.2.7. CLEC will assist Sprint in validation and verification of identification of its employees, agents, invitees and vendors by providing a telephone contact available twenty-four (24) hours a day, seven (7) days a week to verify identification.

86.2.8. Removal of all furniture, equipment or similar articles will be based on local Sprint security practices. These security practices will not be more stringent for CLEC than Sprint requires for its own employees or Sprint's contractors.

86.2.9. Before leaving the Collocation Space unattended, CLEC shall close and securely lock all doors and windows and shut off unnecessary equipment in the Collocation Space. Any injury to persons or damage to the property of Sprint or any other party with equipment in the Building resulting from CLEC's failure to do so shall be the responsibility of CLEC. CLEC will defend and indemnify Sprint from and against any claim by any person or entity resulting in whole or in part from CLEC's failure to comply with this section.

86.2.10. CLEC agrees that Sprint may provide a security escort for physical collocation, at no cost or undue delay to CLEC, to CLEC personnel while on Sprint Premises. While such escort shall not be a requirement to CLEC's entry into the Building, CLEC must allow the security escort to accompany CLEC personnel at all times and in all areas of the Building, including the Collocation Space, if so requested.

86.2.11. CLEC shall post in a prominent location visible from the common Building area, the names and telephone numbers of emergency contact personnel along with names and telephone numbers of their superiors for 24 hour emergency use by Sprint. CLEC shall promptly update this information as changes occur.

86.3. CLEC will provide Sprint with written notification within ten (10) business days of any scheduled AC or DC power

work or related activity in the collocated facility that will or might cause an outage or any type of power disruption to Sprint equipment located in CLEC facility. CLEC shall provide Sprint immediate notification by telephone of any emergency power activity that would impact Sprint equipment.

- 86.4. CLEC shall not provision and/or install Uninterruptible Power Supply ("UPS") systems within the Sprint premises. The customer is permitted to install Inverted Power Systems if and only if documented compliance with National Equipment Building Standards (NEBS) III and Listing by Underwriters Laboratory (UL) has been met.
- 86.5. CLEC shall not place Electro-Chemical Storage Batteries of any type inside the collocation space.
- 86.6. CLEC shall provide Sprint with written notice three (3) Business Days prior to those instances where CLEC or its subcontractors perform work, which is to be a known service affecting activity. CLEC will inform Sprint by e-mail of any unplanned service outages. The parties will then agree upon a plan to manage the outage so as to minimize customer interruption. Notification of any unplanned service outage shall be made as soon as practicable after CLEC learns that such outage has occurred so that Sprint can take any action required to monitor or protect its service.
- 86.7. CLEC may, at its own expense, install and maintain regular business telephone service in the Collocation Space. If requested by CLEC and at CLEC's expense, Sprint will provide basic telephone service with a connection jack in the Collocation Space.
- 86.8. CLEC shall, with the prior written consent of Sprint, have the right to provide additional fire protection systems within the Collocation Space; provided, however, that CLEC may not install or use sprinklers or carbon dioxide fire suppression systems within the Building or the Collocation Space.
 - 86.8.1. If any governmental bureau, department or organization or Sprint's insurance carrier requires that changes or modifications be made to the fire protection system or that additional stand alone fire extinguishing, detection or protection devices be supplied within that portion of the Building in which the Collocation Space of CLECs in general are located, such changes, modifications, or additions shall be made by Sprint and CLEC shall reimburse Sprint for the cost thereof in the same proportion as the size of the CLEC's Collocation Space as compared to

the total available collocation space in the affected portion of the Building.

86.9. CLEC shall identify and shall notify Sprint in writing of any Hazardous Materials CLEC may bring onto the Premises, and will provide Sprint copies of any inventories or other data provided to State Emergency Response Commissions ("SERCs"), Local Emergency Planning Committees ("LEPCs"), or any other governmental agencies if required by the Emergency Planning and Community Right to Know Act (41 U.S.C. 11001, *et seq.*). CLEC, its agents and employees shall transport, store and dispose of Hazardous Materials in accordance with all applicable federal, state or local laws, ordinances, rules and regulations. CLEC will promptly notify Sprint of any releases of Hazardous Materials and will copy Sprint on any notification of or correspondence with any governmental agency which may be required by any environmental law as a result of such release.

86.9.1. CLEC shall provide Sprint copies of all Material Safety Data Sheets ("MSDSs") for materials or chemicals regulated under the OSHA Hazard Communication Standard (29 C.F.R. 1910.1200) that are brought onto the property. All such materials shall be labeled in accordance with 29 C.F.R. 1910.1200 and applicable state regulations if such regulations are more stringent.

86.9.2. If Sprint discovers that CLEC has brought onto Sprint's Premises Hazardous Materials without notification, or is storing or disposing of such materials in violation of any applicable environmental law, Sprint may, at Sprint's option and without penalty, terminate the applicable Collocation Space or, in the case of pervasive violation, this Agreement or suspend performance hereunder. CLEC shall be responsible for, without cost to Sprint, the complete remediation of any releases or other conditions caused by its storage, use or disposal of Hazardous Materials. CLEC shall also be responsible for removing and disposing of all Hazardous Materials on its Collocation Space at the termination of the applicable Collocation Space or this Agreement. If Sprint elects to terminate the applicable Collocation Space or this Agreement or discontinue the performance of services hereunder due to the storage, use or disposal of Hazardous Materials contrary to the terms of this Agreement, CLEC shall have no recourse against Sprint and shall be responsible for all costs and expenses associated with such termination or suspension of service in addition to being responsible for any remedies available to Sprint for defaults under this Agreement.

86.9.3. CLEC shall indemnify and hold harmless Sprint, its successors and assigns against, and in respect of, any and all damages, claims, losses,

liabilities and expenses, including, without limitation, all legal, accounting, consulting, engineering and other expenses, which may be imposed upon, or incurred by, Sprint or asserted against Sprint by any other party or parties (including, without limitation, Sprint's employees and/or contractors and any governmental entity) arising out of, or in connection with, CLEC's use, storage or disposal of Hazardous Materials.

86.9.4. Except as otherwise set forth in this Agreement, Sprint shall indemnify and hold harmless CLEC, its successors and assigns against, and in respect of, any and all damages, claims, losses, liabilities and expenses, including, without limitation, all legal, accounting, consulting, engineering and other expenses, which may be imposed upon, or incurred by, CLECor asserted against CLEC by any other party or parties (including, without limitation, CLEC's employees and/or contractors and any governmental entity) arising out of, or in connection with, Sprint's use, storage or disposal of Hazardous Materials, unless such damage, claim, losses, liabilities and expenses arises out of or in connection with, or results from CLEC's use of the Collocation Space.

86.9.5. For purposes of this Section, "Hazardous Materials" shall mean any toxic substances and/or hazardous materials or hazardous wastes (including, without limitation, asbestos) as defined in, or pursuant to, the OSHA Hazard Communication Standard (29 C.F.R. Part 1910, Subpart Z), the Resource Conservation and Recovery Act of 1976 (42 U.S.C. Section 6901, et seq.), or regulations adopted pursuant to those statutes, the Toxic Substances Control Act (15 U.S.C. Section 2601, et seq.), the Comprehensive Environmental Response, Compensation and Liability Act (42 U.S.C. Section 9601, et seq.) or any other federal, state or local environmental law, ordinance, rule or regulation. The provisions of this Section shall survive the termination, cancellation, modification or recession of this Agreement.

86.10. CLEC shall not do or permit anything to be done upon the Collocation Space, or bring or keep anything thereon which is in violation of any federal, state or local laws or regulations (including environmental laws or regulations not previously described), or any rules, regulations or requirements of the local fire department, Fire Insurance Rating Organization, or any other similar authority having jurisdiction over the Building. CLEC shall not do or permit anything to be done upon the Collocation Space which may in any way create a nuisance, disturb, endanger, or otherwise interfere with the Telecommunications Services of Sprint, any other occupant of the Building, their patrons or customers, or the occupants of neighboring property, or injure the reputation of the Premises.

86.10.1. CLEC shall not exceed the Uniformly Distributed Live Load Capacity. Sprint shall evaluate and determine Live Load Capacity rating on a site specific basis prior to equipment installation. CLEC

agrees to provide Sprint with equipment profile information prior to installation authorization.

- 86.10.2. CLEC shall not paint, display, inscribe or affix any sign, trademark, picture, advertising, notice, lettering or direction on any part of the outside or inside of the Building, or on the Collocation Space, without the prior written consent of Sprint.
- 86.10.3. CLEC shall not use the name of the Building or Sprint for any purpose other than that of the business address of CLEC, or use any picture or likeness of the Building on any letterhead, envelope, circular, notice, or advertisement, without the prior written consent of Sprint.
- 86.10.4. CLEC shall not exhibit, sell or offer for sale, rent or exchange in the Collocation Space or on the Premises any article, thing or service except those ordinarily embraced within the use of the Collocation Space specified in Sections 3 and 11 of this Agreement without the prior written consent of Sprint.
- 86.10.5. CLEC shall not place anything or allow anything to be placed near the glass of any door, partition or window which Sprint determines is unsightly from outside the Collocation Space; take or permit to be taken in or out of other entrances of the Building, or take or permit to be taken on any passenger elevators, any item normally taken through service entrances or elevators; or whether temporarily, accidentally, or otherwise, allow anything to remain in, place or store anything in, or obstruct in any way, any passageway, exit, stairway, elevator, or shipping platform. CLEC shall lend its full cooperation to keep such areas free from all obstruction and in a clean and neat condition, move all supplies, furniture and equipment directly to the Collocation Space as soon as received, and move all such items and waste, other than waste customarily removed by employees of the Building.
- 86.10.6. CLEC shall not, without the prior written consent of Sprint install or operate any lead-acid batteries, refrigerating, heating or air conditioning apparatus or carry on any mechanical business in the Collocation Space. Sprint may, in its sole discretion, withhold such consent, or impose any condition in granting it, and revoke its consent at will.
- 86.10.7. CLEC shall not use the Collocation Space for housing, lodging or sleeping purposes.
- 86.10.8. CLEC shall not permit preparation or warming of food, presence of cooking or vending equipment, sale of food or smoking in the Collocation Space.

86.10.9. CLEC shall not permit the use of any fermented, intoxicating or alcoholic liquors or substances in the Collocation Space or permit the presence of any animals except those used by the visually impaired.

86.11. CLEC, its employees, agents, contractors, and business invitees shall:

86.11.1. comply with all rules and regulations which Sprint may from time to time adopt and publish for the safety, environmental protection, care, cleanliness and/or preservation of the good order of the Building, the Premises and the Collocation Space and its tenants and occupants, and

86.11.2. comply, at its own expense, with all ordinances which are applicable to the Collocation Space and with all lawful orders and requirements of any regulatory or law enforcement agency requiring the correction, prevention and abatement of nuisances in or upon the Collocation Space during the Term of this Agreement or any extension hereof.

86.12. CLEC shall not make installations, alterations or additions in or to the Collocation Space without submitting plans and specifications to Sprint and securing the prior written consent of Sprint in each instance. Sprint's consent shall not be unreasonably withheld or unduly delayed for non-structural interior alteration to the Collocation Space that do not adversely affect the Building's appearance, value, structural strength and mechanical integrity. Such work shall be done at the sole expense of CLEC.

86.12.1. All installations, alterations and additions shall be constructed in a good and workmanlike manner and only new and good grades of material shall be used, and shall comply with all insurance requirements, governmental requirements, and terms of this Agreement. Work shall be performed at such times and in such manner as to cause a minimum of interference with Sprint's transaction of business. CLEC shall permit Sprint to inspect all construction operations within the Collocation Space.

86.12.2. All installations, alterations and additions which take the form of fixtures, except trade fixtures, placed in the Collocation Space by and at the expense of CLEC or others shall become the property of Sprint, and shall remain upon and be surrendered with the Collocation Space. Upon termination of this Agreement, however, Sprint shall have the right to require CLEC to remove such fixtures and installations, alterations or additions at CLEC's expense, and to surrender the Collocation Space in the same condition as it was prior to the making of any or all such improvements, reasonable wear and tear excepted.

86.12.3. All fixtures and other equipment to be used by CLEC in, about or upon the Collocation Space shall be subject to the prior written approval of Sprint, which shall not be unreasonably withheld.

86.13. Fireproofing Policy. CLEC shall not cut or drill into, drive nails or screws into, install conduit or wires, or in any way deface any part of the Collocation Space or the Building, outside or inside, without the prior written consent of Sprint. If CLEC desires signal, communications, alarm or other utility or service connections installed or changed, the same shall be made by and at the expense of CLEC. Sprint shall have the right of prior approval of such utility or service connections, and shall direct where and how all connections and wiring for such service shall be introduced and run. In all cases, in order to maintain the integrity of the Halon space for proper Halon concentration, and to ensure compliance with Sprint's fireproofing policy, any penetrations by CLEC, whether in the Collocation Space, the Building or otherwise, shall be sealed as quickly as possible by CLEC with Sprint-approved fire barrier sealants, or by Sprint at CLEC's cost.

86.14. Equipment Grounding. CLEC equipment shall be connected to Sprint's grounding system.

86.15. Representations and Warranties. CLEC hereby represents and warrants that the information provided to Sprint in any Application or other documentation relative to CLEC's request for telecommunications facility interconnection and Central Office Building collocation as contemplated in this Agreement is and shall be true and correct, and that CLEC has all necessary corporate and regulatory authority to conduct business as a telecommunications carrier. Any violation of this Section shall be deemed a material breach of this Agreement.

87. BUILDING RIGHTS

87.1. Sprint may, without notice to CLEC:

87.1.1. Change the name or street address of the Premises;

87.1.2. Install and maintain signs on the exterior and interior of the Premises or anywhere on the Premises;

87.1.3. Designate all sources furnishing sign painting and lettering, ice, mineral or drinking water, beverages, foods, towels, vending machines or toilet supplies used or consumed in the Collocation Space;

87.1.4. Have pass keys or access cards with which to unlock all doors in the Collocation Space, excluding CLEC's safes;

87.1.5. Reduce heat, light, water and power as required by any mandatory or voluntary conservation programs;

87.1.6. Approve the weight, size and location of safes, computers and all other

heavy articles in and about the Collocation Space and the Building, and to require all such items and other office furniture and equipment to be moved in and out of the Building or Collocation Space only at such times and in such a manner as Sprint shall direct and in all events at CLEC's sole risk and responsibility;

- 87.1.7. At any time, to decorate and to make, at its own expense, repairs, alterations, additions and improvements, structural or otherwise, in or to the Collocation Space, the Premises, or any part thereof (including, without limitation, the permanent or temporary relocation of any existing facilities such as parking lots or spaces), and to perform any acts related to the safety, protection or preservation thereof, and during such operations to take into and through the Collocation Space or any part of the Premises all material and equipment required, and to close or suspend temporarily operation of entrances, doors, corridors, elevators or other facilities. Sprint shall limit inconvenience or annoyance to CLEC as reasonably possible under the circumstances;
- 87.1.8. Do or permit to be done any work in or about the Collocation Space or the Premises or any adjacent or nearby building, land, street or alley;
- 87.1.9. Grant to anyone the exclusive right to conduct any business or render any service on the Premises, provided such exclusive right shall not operate to exclude CLEC from the use expressly permitted by this Agreement, unless Sprint exercises its right to terminate this Agreement with respect to all or a portion of the Collocation Space;
- 87.1.10. Close the Building at such reasonable times as Sprint may determine, under such reasonable regulations as shall be prescribed from time to time by Sprint subject to CLEC's right to access.

87.2. If the owner of the Building or Sprint sells, transfers or assigns any interest in the Building, or there is any material change in the Lease to which the Building is subject, and such sale, transfers assignment or material change in the Lease gives rise to an obligation which is inconsistent with this Agreement, Sprint's performance under this Agreement shall be excused to the extent of the inconsistency. Sprint hereby agrees that it will use its reasonable efforts to avoid any such inconsistency; provided, however, that this obligation shall in no way obligate Sprint to incur any out of pocket expenses in its efforts to avoid such inconsistencies.

87.3. This Agreement shall at all times be subject and subordinate to the lien of any mortgage (which term shall include all security instruments) that may be placed on the Collocation Space and CLEC agrees, upon demand, to execute any instrument as may be required to effectuate such subordination.

88. INSURANCE

88.1. During the term of this Agreement, CLEC shall carry, and shall cause any subcontractors to carry, with financially reputable insurers which are licensed to do business in all jurisdictions where any Property is located, not less than the following insurance:

- 88.1.1. Commercial General Liability with limits of not less than \$1,000,000 combined single limit per occurrence and aggregate for bodily injury, property damage and personal and advertising injury liability insurance to include coverage for contractual and products/completed operations liability, naming Sprint as additional insured;
 - 88.1.2. Business Auto liability, including all owned, non-owned and hired automobiles, in an amount of not less than \$1,000,000 combined single limit per accident for bodily injury and property damage liability, naming Sprint as additional insured;
 - 88.1.3. Workers Compensation as provided for in the jurisdiction where the Property is located, with an Employer's Liability limit of not less than \$500,000 per accident or disease; and
 - 88.1.4. Umbrella or excess liability in an amount not less than \$5,000,000 per occurrence and aggregate in excess of the above-referenced Commercial General, Business Auto and Employer's Liability, naming Sprint as additional insured; and
 - 88.1.5. "All Risk" property insurance on a full replacement cost basis insuring CLEC's property, except for fiber situated on or within the Property. CLEC may elect to insure business interruption and contingent business interruption, as it is agreed that Sprint has no liability for loss of profit or revenues should an interruption of service occur.
- 88.2. Nothing contained in this Section shall limit CLEC's liability to Sprint to the limits of insurance certified or carried.
 - 88.3. All policies required of the CLEC shall contain evidence of the insurer's waiver of the right of subrogation against Sprint for any insured loss covered thereunder. All policies of insurance shall be written as primary policies and not contributing with or in excess of the coverage, if any, that Sprint may carry.
 - 88.4. CLEC shall furnish to Sprint an industry-acceptable certificate or certificates of insurance, evidencing that the above coverage is in force and has been endorsed to guarantee that the coverage will not be cancelled or materially altered without first giving at least thirty (30)

days prior written notice to Sprint.

88.5. Sprint will carry not less than the insurance coverages and limits required of CLEC.

89. INDEMNIFICATION

89.1. CLEC shall indemnify and hold Sprint harmless from any and all claims arising from:

89.1.1. CLEC's use of the Collocation Space;

89.1.2. the conduct of CLEC's business or from any activity, work or things done, permitted or suffered by CLEC in or about the Collocation Space or elsewhere;

89.1.3. any and all claims arising from any breach or default in the performance of any obligation on CLEC's part to be performed under the terms of this Agreement; and

89.1.4. any negligence of the CLEC, or any of CLEC's agents, and fees, expenses and liabilities incurred in the defense of any such claim or any action or proceeding brought thereon.

89.2. CLEC shall at all times indemnify, defend, save and hold harmless Sprint from any claims, liens, demands, charges, encumbrances, litigation and judgments arising directly or indirectly out of any use, occupancy or activity of CLEC, or out of any work performed, material furnished, or obligations incurred by CLEC in, upon or otherwise in connection with the Collocation Space. CLEC shall give Sprint written notice at least ten (10) Business Days prior to the commencement of any such work on the Collocation Space in order to afford Sprint the opportunity of filing appropriate notices of non-responsibility. However, failure by Sprint to give notice does not reduce CLEC's liability under this Section.

89.2.1. If any claim or lien is filed against the Collocation Space, or any action or proceeding is instituted affecting the title to the Collocation Space, CLEC shall give Sprint written notice thereof as soon as CLEC obtains such knowledge.

- 89.2.2. CLEC shall, at its expense, within forty-five (45) Days after filing of any lien of record as a result of work performed or material furnished on behalf of CLEC, obtain the discharge and release thereof or post a bond in an amount sufficient to accomplish such discharge and release. Nothing contained herein shall prevent Sprint, at the cost and for the account of CLEC, from obtaining such discharge and release if CLEC fails or refuses to do the same within the forty-five (45)-day period.
- 89.2.3. If CLEC has first discharged the lien as provided by law, CLEC may, at CLEC's expense, contest any mechanic's lien in any manner permitted by law.

90. LIMITATION OF LIABILITY

- 90.1. SPRINT SHALL BE LIABLE FOR DAMAGE TO OR DESTRUCTION OF CLEC'S EQUIPMENT AND OTHER PREMISES ONLY IF SUCH DAMAGE OR DESTRUCTION IS CAUSED BY SPRINT'S GROSS NEGLIGENCE OR WILLFUL MISCONDUCT.
- 90.2. SPRINT WILL NOT BE LIABLE FOR (A) ANY SPECIAL, INCIDENTAL, OR CONSEQUENTIAL DAMAGES, (B) ANY COMMERCIAL LOSS OF ANY KIND (INCLUDING, BUT NOT LIMITED TO, LOSS OF BUSINESS OR PROFITS), OR (C) ANY LOSS, DAMAGE OR EXPENSE DIRECTLY OR INDIRECTLY ARISING FROM USE OF OR INABILITY TO USE THE COLLOCATION SPACE EITHER SEPARATELY OR IN COMBINATION WITH OTHER EQUIPMENT OR SOFTWARE, BASED UPON BREACH OF WARRANTY, BREACH OF CONTRACT, NEGLIGENCE, STRICT TORT OR ANY OTHER LEGAL THEORY, WHETHER OR NOT SPRINT HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGE OR LOSS.

91. PARTIAL DESTRUCTION

- 91.1. If the Collocation Space or a portion thereof sufficient to make the Collocation Space substantially unusable shall be destroyed or rendered unoccupiable by fire or other casualty, Sprint may, at its option, restore the Collocation Space to its previous condition. CLEC's rights to the applicable Collocation Space shall not terminate unless, within ninety (90) Days after the occurrence of such casualty, Sprint notifies CLEC of its election to terminate CLEC's rights to the applicable Collocation Space. If Sprint does not elect to terminate CLEC's rights to the applicable Collocation Space, Sprint shall repair the damage to the Collocation

Space caused by such casualty.

- 91.2. Notwithstanding any other provision of this Agreement to the contrary, if any casualty is the result of any act, omission or negligence of CLEC, its agents, employees, contractors, CLECs, customers or business invitees, unless Sprint otherwise elects, the CLEC's rights to the applicable Collocation Space shall not terminate, and, if Sprint elects to make such repairs, CLEC shall reimburse Sprint for the cost of such repairs, or CLEC shall repair such damage, including damage to the Building and the area surrounding it, and the License Fee shall not abate.
- 91.3. If the Building shall be damaged by fire or other casualty to the extent that portions are rendered unoccupiable, notwithstanding that the Collocation Space may be directly unaffected, Sprint may, at its election within ninety (90) Days of such casualty, terminate CLEC's rights to the applicable Collocation Space by giving written notice of its intent to terminate CLEC's rights to the applicable Collocation Space. The termination as provided in this paragraph shall be effective thirty (30) Days after the date of the notice.

92. EMINENT DOMAIN

- 92.1. If the Premises, or any portion thereof which includes a substantial part of the Collocation Space, shall be taken or condemned by any competent authority for any public use or purpose, CLEC's rights to the applicable Collocation Space shall end upon, and not before, the date when the possession of the part so taken shall be required for such use or purpose. If any condemnation proceeding shall be instituted in which it is sought to take or damage any part of the Premises, or if the grade of any street or alley adjacent to the Premises is changed by any competent authority and such change of grade makes it necessary or desirable to remodel the Premises to conform to the changed grade, Sprint shall have the right to terminate CLEC's rights to the applicable Collocation Space upon not less than 30 days notice prior to the date of cancellation designated in the notice. No money or other consideration shall be payable by Sprint to CLEC for such cancellation, and the CLEC shall have no right to share in the condemnation award or in any judgment for damages caused by such eminent domain proceedings. CLEC is not financially responsible for any collocation related MRCs beyond the cancellation date.

93. BANKRUPTCY

93.1. If any voluntary or involuntary petition, when an involuntary petition in bankruptcy is filed and not dismissed within thirty (30) Days, or similar pleading under any section or sections of any bankruptcy act shall be filed by or against CLEC, or any voluntary or involuntary proceeding in any court or tribunal shall be instituted to declare CLEC insolvent or unable to pay CLEC's debts, or CLEC makes an assignment for the benefit of its creditors, or a trustee or receiver is appointed for CLEC or for the major part of CLEC's property, Sprint may, if Sprint so elects but not otherwise, and with or without notice of such election or other action by Sprint, forthwith terminate this Agreement.

94. ASBESTOS

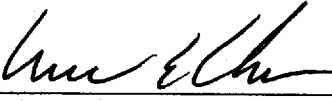
94.1. CLEC is aware the Premises in which the Collocation Space is located may contain or have contained asbestos or asbestos containing building materials, and CLEC is hereby notified that the Premises in which the Collocation Space is located may contain asbestos or asbestos containing building material (ACBM). CLEC agrees that it is responsible for contacting the appropriate Sprint manager responsible for the Premises to determine the presence, location and quantity of asbestos or ACBM that CLEC's employees, agents, or contractors may reasonably expect to encounter while performing activities in the Premises. CLEC shall not have responsibility or liability for any damages, expenses, costs, fees, penalties of any kind arising out of, or in connection with, or resulting from the disturbance of asbestos or ACBM in the Premises unless such disturbance arises out of or in connection with, or results from CLEC's use of the Collocation Space or placement of equipment onto ACBM or into areas containing asbestos identified by Sprint. Sprint agrees to provide CLEC reasonable notice prior to undertaking any asbestos control, abatement, or other activities which may disturb asbestos or ACBM that could potentially affect CLEC's equipment or operations in the Collocation Space, including but not limited to the contamination of such equipment. Sprint will not have responsibility or liability for any damages, expenses, costs, fees, penalties of any kind arising out of, or in connection with the presence of asbestos in Sprint Premises.

95. MISCELLANEOUS

- 95.1. CLEC warrants that it has had no dealings with any broker or agent in connection with this Agreement, and covenants to pay, hold harmless and indemnify Sprint from and against any and all cost, expense or liability for any compensation, commissions and charges claimed by any broker or agent with respect to this Agreement or the negotiation thereof.
- 95.2. Submission of this instrument for examination or signature by Sprint does not constitute a reservation of or option for license, and it is not effective, as a license or otherwise, until execution and delivery by both Sprint and CLEC.
- 95.3. Neither Sprint nor its agents have made any representation or warranties with respect to the Collocation Space of this Agreement except as expressly set forth herein; no rights, easements, or licenses shall be acquired by CLEC by implication or otherwise unless expressly set forth herein.
- 95.4. In the event of work stoppages, Sprint may establish separate entrances for use by personnel of CLEC. CLEC shall comply with any emergency operating procedures established by Sprint to deal with work stoppages.
- 95.5. The individuals executing this Agreement on behalf of CLEC represent and warrant to Sprint they are fully authorized and legally capable of executing this Agreement on behalf of CLEC.

IN WITNESS WHEREOF, the parties have executed this Agreement the day and year first above written.

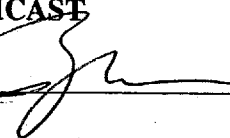
SPRINT

By: 

William E. Cheek
(Printed Name)

AVP Strategic Mkts.
(Title)

COMCAST

By: 

Rian Wren
(Printed Name)

Sr. Vice President
(Title)

TABLE ONE

| KEY CODES | | TABLE ONE SPRINT RATE ELEMENT COST SUMMARY | PENNSYLVANIA | |
|-----------|-------|---|--------------|------------|
| MRC | NRC | | | |
| | | RESALE DISCOUNTS | MRC | NRC |
| | | No provision for Resale in this agreement | N/A | N/A |
| | | USAGE/FEE CHARGES | MRC | NRC |
| UF01 | | Message Provisioning, per message | \$ 0.00307 | |
| UF02 | | Data Transmission, per message | \$ - | |
| | DB008 | Media Charge - per CD (Price reflects shipping via regular U.S. Mail) | | \$ 18.00 |
| | | OTHER CHARGES | MRC | NRC |
| | UP026 | Temporary Suspension of Service for UNE-P / Resale - SUSPEND | | \$ - |
| | UP027 | Temporary Suspension of Service for UNE-P / Resale - RESTORE | | \$ 21.00 |
| | UP028 | PIC Change Charge, per change | | Per Tariff |
| | DA030 | Operator Assistance / Directory Assistance Branding | | ICB |
| | | UNE LOOP TAG & LABEL - RESALE TAG & LABEL | MRC | NRC |
| | OC015 | Tag and Label on a new install loop or resale | | \$ 4.85 |
| | OC013 | Tag and Label on a reinstall loop or an existing loop or resale | | \$ 9.70 |
| | OC014 | Tag and Label on an add'l loop or resale on the same order at the same location | | \$ 3.88 |
| | | TRIP CHARGE | MRC | NRC |
| | OC003 | Trip Charge | | \$ 20.04 |
| | | RATE ELEMENT | | |
| | | SERVICE ORDER INSTALLATION/REPAIR | MRC | NRC |
| | SO001 | Manual Service Order NRC | | \$ 17.47 |
| | SO002 | Manual Service Order - Listing Only | | \$ 17.47 |
| | SO003 | Manual Service Order - Change Only | | \$ 17.47 |
| | SO004 | Electronic Service Order (IRES) | | \$ 9.65 |
| | SO005 | Electronic Service Order - Listing Only | | \$ 9.65 |
| | SO006 | Electronic Service Order - Change Only | | \$ 9.65 |
| | OC008 | 2-Wire Loop Cooperative Testing | | \$ 41.71 |
| | OC009 | 4-Wire Loop Cooperative Testing | | \$ 51.41 |
| | OC010 | Trouble Isolation Charge | | \$ 63.46 |
| | OC016 | Change Telephone Number, per change | | \$ 15.65 |
| | OC017 | LNP Coordinated Conversion - Lines 1 -10 | | \$ 48.90 |
| | OC018 | LNP Coordinated Conversion - Each additional line | | \$ 4.38 |

| | | | | | |
|--|-------|--|------------|--------|------------|
| | OC023 | LNP Conversion - 10 Digit Trigger | | \$ | - |
| | | UNE to Special Access or Special Access to UNE Conversions or Migrations (includes EEL) | | | |
| | OC021 | DS1 Loop, per circuit | | \$ | 94.91 |
| | OC021 | DS1 Transport, per circuit | | \$ | 94.91 |
| | OC022 | DS3 Loop, per circuit | | | ICB |
| | OC022 | DS3 Transport, per circuit | | | ICB |
| | | UNBUNDLED NETWORK ELEMENTS (UNE) | | | |
| | | PRE-ORDER LOOP QUALIFICATION | MRC | | NRC |
| | PQ001 | Loop Make-Up Information | | \$ | 11.59 |
| | | LOOPS (RATES INCLUDE NID CHARGE) | MRC | | NRC |
| | | 2-Wire Analog | | | |
| | AA013 | Band 1 | \$ | 30.30 | |
| | AA014 | Band 2 | \$ | 52.13 | |
| | AA015 | Band 3 | \$ | 84.24 | |
| | AA002 | First Line | | \$ | 119.86 |
| | AA003 | Second Line and Each Additional Line (same time) | | \$ | 56.01 |
| | AA004 | Re-install (Cut Thru and Dedicated/Vacant) | | \$ | 72.95 |
| | AA005 | Disconnect | | \$ | 32.56 |
| | | 4-Wire Analog | | | |
| | AA017 | Band 1 | \$ | 59.30 | |
| | AA018 | Band 2 | \$ | 102.82 | |
| | AA019 | Band 3 | \$ | 166.67 | |
| | AA008 | First Line | | \$ | 155.87 |
| | AA009 | Second Line and Each Additional Line (same time) | | \$ | 92.01 |
| | AA010 | Re-install (Cut Thru and Dedicated/Vacant) | | \$ | 91.19 |
| | AA011 | Disconnect | | \$ | 36.78 |
| | | 2-Wire xDSL - Capable Loop | | | |
| | AA013 | Band 1 | \$ | 30.30 | |
| | AA014 | Band 2 | \$ | 52.13 | |
| | AA015 | Band 3 | \$ | 84.24 | |
| | DX009 | First Line | | \$ | 115.84 |
| | DX002 | Second Line and Each Additional Line (same time) | | \$ | 51.99 |
| | DX003 | Re-install (Cut Thru and Dedicated/Vacant) | | \$ | 70.94 |
| | DD004 | Disconnect | | \$ | 32.56 |
| | | 4-Wire xDSL - Capable Loop | | | |
| | DX010 | Band 1 | \$ | 56.22 | |
| | DX011 | Band 2 | \$ | 99.74 | |
| | DX012 | Band 3 | \$ | 163.59 | |
| | DX014 | First Line | | \$ | 150.34 |

| | | | | |
|-------|-------|--|-------------|------------|
| | DY015 | Second Line and Each Additional Line (same time) | | \$ 86.49 |
| | DY016 | Re-install (Cut Thru and Dedicated/Vacant) | | \$ 88.44 |
| | DY017 | Disconnect | | \$ 36.78 |
| | | 2-Wire Digital Loop | | |
| AA013 | | Band 1 | \$ 30.30 | |
| AA014 | | Band 2 | \$ 52.13 | |
| AA015 | | Band 3 | \$ 84.24 | |
| | DD002 | First Line | | \$ 176.49 |
| | DD003 | Second Line and Each Additional Line (same time) | | \$ 109.89 |
| | DD004 | Disconnect | | \$ 32.56 |
| | | 2-Wire ISDN-BRI Digital Loop | | |
| DD013 | | Band 1 | \$ 46.07 | |
| DD014 | | Band 2 | \$ 77.75 | |
| DD015 | | Band 3 | \$ 131.09 | |
| | DD002 | First Line | | \$ 176.49 |
| | DD003 | Second Line and Each Additional Line (same time) | | \$ 109.89 |
| | DD004 | Disconnect | | \$ 32.56 |
| | | 4-Wire Digital Loop (no electronics) | | |
| DD017 | | Band 1 | \$ 59.30 | |
| DD018 | | Band 2 | \$ 102.82 | |
| DD019 | | Band 3 | \$ 166.67 | |
| | DD006 | First Line | | \$ 251.65 |
| | DD007 | Second Line and Each Additional Line (same time) | | \$ 185.05 |
| | DD008 | Disconnect | | \$ 36.78 |
| | | Digital 56k/64k Loop | | |
| DD021 | | Band 1 | \$ 44.29 | |
| DD022 | | Band 2 | \$ 59.66 | |
| DD023 | | Band 3 | \$ 83.10 | |
| | DD002 | First Line | | \$ 176.49 |
| | DD003 | Second Line and Each Additional Line (same time) | | \$ 109.89 |
| | DD004 | Disconnect | | \$ 32.56 |
| | | DS1 Service and ISDN PRI Loop | | |
| DD025 | | Band 1 | \$ 154.15 | |
| DD026 | | Band 2 | \$ 137.62 | |
| DD027 | | Band 3 | \$ 270.37 | |
| | DD010 | First Line | | \$ 281.68 |
| | DD011 | Second Line and Each Additional Line (same time) | | \$ 215.08 |
| | DD008 | Disconnect | | \$ 36.78 |
| | | DS3 Service | | |
| HC002 | HC001 | Add DS3 to existing fiber system | \$ 1,685.37 | \$ 101.62 |
| | HC003 | Disconnect | | \$ 29.52 |
| | | LOOP CONDITIONING | MRC | NRC |

| | | | | |
|-----|-------|---|----------------------------------|------------|
| | LC001 | Load Coil Removal for all Digital UNE, Line Sharing and xDSL-Capable loops that are less than 18,000 feet in length - per line conditioned (No Engineering or Trip charges - price reflects 25 pair economies) | | \$ 1.61 |
| | LC002 | Conditioning Engineering Charge - per loop | | \$ 44.80 |
| | LC003 | Conditioning Trip Charge - per loop | | \$ 24.04 |
| | | The following charges apply to all loops of any length that require Bridged Tap or Repeater removal. | | |
| | | Load Coil Removal: Loops 18kft or longer | | |
| | LC004 | Unload cable pair, per Underground location | | \$ 532.33 |
| | LC005 | Unload Addtl cable pair, UG same time, same location and cable | | \$ 2.17 |
| | LC006 | Unload cable pair, per Aerial or Buried Location | | \$ 37.02 |
| | LC007 | Unload Addtl cable pair, AE or BU, same time, location and cable | | \$ 2.07 |
| | | Bridged Tap or Repeater Removal - Any Loop Length | | |
| | LC012 | Remove Bridged Tap or Repeater, per Underground Location | | \$ 530.62 |
| | LC013 | Remove each Addtl Bridged Tap or Repeater, UG same time, location and cable | | \$ 0.46 |
| | LC014 | Remove Bridged Tap or Repeater, per Aerial or Buried Location | | \$ 35.39 |
| | LC015 | Remove each Addtl Bridged Tap or Repeater, AE or BU same time, location and cable | | \$ 0.43 |
| | | SUB LOOPS (RATES INCLUDE NID CHARGE) | MRC | NRC |
| | | Sub-Loops Interconnection (Stub Cable) | | ICB |
| | | 2 Wire Voice Grade and Digital Data Distribution | | |
| | SB002 | Band 1 | \$ 16.42 | |
| | SB003 | Band 2 | \$ 26.70 | |
| | SB004 | Band 3 | \$ 37.20 | |
| | SB010 | First Line | | \$ 126.21 |
| | SB011 | Second Line and Each Additional Line (same time) | | \$ 41.87 |
| | SB012 | Disconnect | | \$ 53.51 |
| | | 4 Wire Voice Grade and Digital Data Distribution | | |
| | SB006 | Band 1 | \$ 32.34 | |
| | SB007 | Band 2 | \$ 52.54 | |
| | SB008 | Band 3 | \$ 73.18 | |
| | SB013 | First Line | | \$ 175.32 |
| | SB014 | Second Line and Each Additional Line (same time) | | \$ 67.08 |
| | SB015 | Disconnect | | \$ 65.14 |
| | | DEDICATED INTEROFFICE TRANSPORT | MRC | NRC |
| DT2 | DT004 | DS1 | Refer to Dedicated Transport Tab | \$ 122.22 |
| | DT005 | DS1 Disconnect | | \$ 19.40 |

| | | | | |
|---|-------|---|--|------------|
| DT3 | DT007 | DS3 | Refer to Dedicated Transport Tab | \$ 134.03 |
| | DT008 | DS3 Disconnect | | \$ 31.21 |
| MULTIPLEXING | | | MRC | NRC |
| DT023 | DT019 | Multiplexing - DS1-DS0 (per DS1) - (Shelf only, rate does not include cards) | \$ 209.29 | \$ 84.44 |
| DT026 | | Channel Bank Card (per DS0) | \$ 5.15 | |
| | DT020 | DS1-DS0 Disconnect | | \$ 12.34 |
| DT024 | DT021 | Multiplexing - DS3-DS1 (per DS3) | \$ 240.16 | \$ 113.43 |
| | DT022 | DS3-DS1 Disconnect | | \$ 41.33 |
| UNBUNDLED DARK FIBER | | | MRC | NRC |
| | DF007 | Dark Fiber Application & Quote Preparation Charge Note: These elements are calculated and billed manually using one price per USOC and COS. Detail is provided by the DFA form returned to the customer. | | \$ 314.66 |
| | | Transport | | |
| DF009 | | Interoffice, per foot per fiber - Statewide Average | \$ 0.00580 | |
| | | Additional Charges Applicable to Transport | | |
| DF011 | | Fiber Patch Cord, per fiber | \$ 1.02 | |
| DF012 | | Fiber Patch Panel, per fiber | \$ 1.03 | |
| | DF001 | Initial Patch Cord Installation / Disconnect, Field Location | | \$ 25.30 |
| | DF002 | Add'l Patch Cord Installation / Disconnect, Field Loc., Same Time/Location | | \$ 8.43 |
| | DF003 | Central Office Interconnection, 1-4 Patch Cords per CO - Install or Disconnect | | \$ 198.83 |
| | OC011 | Dark Fiber End-to-End Testing, Initial Strand | | \$ 59.04 |
| | OC012 | Dark Fiber End-to-End Testing, Subsequent Strand | | \$ 16.87 |
| EEL COMBINATIONS | | | MRC | NRC |
| | | Enhanced Extended Link (EEL) is a combination of Loop, Transport and Multiplexing (when applicable). Refer to the specific UNE section (transport, loop, multiplexing) in this document to obtain pricing for each specific element. | | |
| | | See Rate Element / Service Order / Installation/Repair Center section of this price sheet for EEL Conversion Charges. | | |
| RECIPROCAL COMPENSATION | | | MRC | NRC |
| | | Local Traffic | Bill & Keep | N/A |
| | | ISP Bound Traffic | Bill & Keep | N/A |
| | | FCC Ordered ISP-bound Traffic Termination Rates (per MOU) = \$0.0007 | Opt-In | |
| TRANSIT SERVICE | | | MRC | NRC |
| | | Transit Service Charge - per MOU | \$ 0.0065790 | N/A |
| DATABASE, available via contract or tariff | | | MRC | NRC |

| | | | | |
|---|-------|--|----------------------------------|-----------------|
| DB001 | | Local Number Portability query (LNP) - Contracted | \$ 0.00030 | |
| DB002 | | Toll Free Code query (TFC) - Simple - Contracted | \$ 0.00200 | |
| DB003 | | Toll Free Code query (TFC) - Complex Additive - Contracted | \$ 0.00020 | |
| DB004 | | Line Information Database query (LIDB) - <i>Per Interstate Tariff</i> | \$ 0.03660 | |
| DB005 | | Line Information Database query transport (LIDB) - <i>Per Interstate Tariff</i> | \$ 0.01600 | |
| DB006 | | Calling Name Database Access Service query (CNAM) - <i>Contracted, MTM</i> | \$ 0.01450 | |
| DB009 | | Calling Name Database Access Service query (CNAM) - <i>Contracted, 3 year term</i> | \$ 0.00800 | |
| DB010 | | Calling Name Database Access Service query (CNAM) - <i>Contracted, 3 + year term</i> | \$ 0.00550 | |
| OPERATOR SERVICES / DIRECTORY ASSISTANCE (for Resale only) | | | MRC | NRC |
| | DA002 | DA Database Listing & Update per listing or update | | Refer to Tariff |
| | DA003 | DA Data Base Query Service per query | | Refer to Tariff |
| | DA004 | Local Directory Services - white page listings | | Refer to Tariff |
| | DA005 | Toll and Local Assistance Service (Live) | | ICB |
| | DA006 | Directory Assistance Operator Service (Live) | | ICB |
| 911 AND E911 TRANSPORT AND TERMINATION | | | MRC | NRC |
| DB011 | DB007 | 911 and E911 Transport - DS1 | Refer to Dedicated Transport Tab | \$ 122.22 |
| STREET INDEX GUIDE | | | MRC | NRC |
| | DB008 | SIG Database Extract Report, per CDROM (price reflects shipping regular U.S. Mail) | | \$ 18.00 |

TABLE ONE - Continued

LOOP BANDING

Pennsylvania

| Exchange Name | CLLI | Band |
|---------------|-------------|------|
| Beford | BDFRPAXBDS0 | 1 |
| Birdgsummt | BLRSPAXBRS1 | 1 |
| Butler | BTLRPAXBDS0 | 1 |
| Carlisle | CRLSPAXCDS0 | 1 |
| Chambersbg | CHBGPAXCDS0 | 1 |
| Columbi | CLMAPAXCDS0 | 1 |
| Elizabthn | EZTWPAXEDS0 | 1 |
| Evans City | EVCYPAXERS0 | 1 |
| Fayetteville | FYVLPAXFRS1 | 1 |
| Gettysburg | GTBGPAXGDS0 | 1 |
| Greencastl | GNCSPAXGRS1 | 1 |
| Hanover | HNVRPAXHDS0 | 1 |
| Littlestn | LTTWPAXLRS1 | 1 |
| Marietta | MRTTPAXMRS1 | 1 |
| Marysville | MYVIPAXMRS1 | 1 |
| Meridian | MRDNPAXMRS0 | 1 |
| Mount Joy | MTJYPAXMRS1 | 1 |
| Mountville | MTVLPAXMRS1 | 1 |
| New Oxford | NWOXPAXNDS0 | 1 |

| | | |
|------------|-------------|---|
| Nixon | NIXNPAXNRS0 | 1 |
| Roaringspg | RRSPPAXRRS1 | 1 |
| Shippensbg | SHIPPAXSDS0 | 1 |
| Waynesboro | WYBOPAXWDS0 | 1 |

| | | |
|-------------|--------------|---|
| Belleville | BLVLPAXBRS1 | 2 |
| Bewblomfid | NBFDPAxNRS1 | 2 |
| Biglervl | BIGVPAXBRS1 | 2 |
| Claysburg | CYBGPAXCRS1 | 2 |
| Conoqnssng | CNQNPAxCRS0 | 2 |
| Everett | EV RTPAXERS1 | 2 |
| Fairfield | FRFDPAxFRS1 | 2 |
| Harrisville | HRVLPAXHRS1 | 2 |
| Howard | HWRDPAXHRS1 | 2 |
| Marion | MARNPAxMRS1 | 2 |
| Martinsbg | MRBGPAXMRS1 | 2 |
| Mcalistrvl | MCLVPAxMRS1 | 2 |
| Mconellstn | MNTWPAxMRS1 | 2 |
| Mercerbg | MRCBPAXMRS1 | 2 |
| Mifflintn | MFTWPAxMDS0 | 2 |
| Mill Hall | MLHLPAXEDS0 | 2 |
| Mthollyspg | MHSPPAXMRS1 | 2 |
| Newport | NWPTPAxNDS0 | 2 |
| Newville | NVLCPAxNRS1 | 2 |
| Nuncannon | DNCNPAxDRS2 | 2 |
| Orbisonia | ORBSPAxORS1 | 2 |
| Parker | PRKRPAxPRS1 | 2 |
| Petrolia | PTRLPAxPRS0 | 2 |
| Prospect | PRSPPAXPRS0 | 2 |
| Slipperykr | SLRKPAXSDS1 | 2 |
| St Thomas | STTMPAXSRS1 | 2 |
| Thompsonstn | TMTWPAxTRS1 | 2 |
| W Sunbury | WSNBPAXWRS0 | 2 |
| Williamsbg | WLBGPAXWRS1 | 2 |
| Zion | ZIONPAxZRS1 | 2 |

| | | |
|------------|-------------|---|
| Allensvl | ALVLPAXARS1 | 3 |
| Bedfordvyl | BDVYPAXBRS1 | 3 |
| Beechcreek | BCCKPAxBRS1 | 3 |
| Blacktown | BLTWPAxBRS0 | 3 |
| Blain | BLINPAxBRS1 | 3 |
| Bruin | BRINPAxBRS0 | 3 |
| Charlesvl | CLVLPAXCRS1 | 3 |
| Chicora | CHCRPAxCRS0 | 3 |
| Clearville | CLRVPAxCRS1 | 3 |
| Dry Run | DYRNPAXDRS1 | 3 |
| Eau Claire | EUCLPAxERS0 | 3 |
| Emlenton | EMTNPAxERS1 | 3 |
| Ewaterford | EWFRPAxERS1 | 3 |
| Fishertown | FSTWPAxFRS1 | 3 |
| Foxburg | FXBGPAXFRS1 | 3 |
| Hopewell | HPWLPAXHRS1 | 3 |
| Hyndam | HYNDPAxHRS1 | 3 |
| Ickesburg | ICBGPAXIRS2 | 3 |
| Liverpool | LVRPPAXLRS1 | 3 |
| Loysburg | LYBGPAXLRS1 | 3 |
| Loysville | LYSVPAXLRS1 | 3 |

| | | |
|--------------|-------------|---|
| Marklesbg | MKBGPAXMRS1 | 3 |
| Mconellsbg | MCBGPAXMRS1 | 3 |
| Millerstn | MLTWPAXMRS2 | 3 |
| Newburg | NWBGPAxNRS1 | 3 |
| Nowashgtn | NWSHPAXNRS0 | 3 |
| Osterburg | OSBGPAXORS1 | 3 |
| Plaingrove | PAGVPAXPRS2 | 3 |
| Port Royal | PTRYPAXPRS1 | 3 |
| Portersville | PTVLPAXPRS0 | 3 |
| Reedsville | RDVLPAXRDS0 | 3 |
| Richfield | RCFDPAxRRS1 | 3 |
| Schellsbg | SCBGPAXSRS1 | 3 |
| Shade Gap | SHGPPAXSRS1 | 3 |
| Three Spg | THSPPAXTRS1 | 3 |
| Volant | VLNTPAXVRS2 | 3 |
| York Spg | YRSPPAXYRS1 | 3 |

TABLE ONE – Continued
Rates: DEDICATED TRANSPORT RATE SUMMARY

Pennsylvania

| Route (Exchange to Exchange) | | Route (CLLI to CLLI) | | Dedicated | Dedicated |
|------------------------------|----------------|----------------------|-------------|-------------|---------------|
| Originating | Terminating | Originating | Terminating | DS1 Rate | DS3 Rate |
| Allensville | Belleville | ALVLPAXARS1 | BLVLPAXBRS1 | \$ 852.04 | \$ 23,597.15 |
| Bedford | Bedford Valley | BDFRPAXBDS0 | BDVYPAXBRS1 | \$ 2,997.48 | \$ 83,669.63 |
| Bedford | Charlesville | BDFRPAXBDS0 | CLVLPAXCRS1 | \$ 1,913.28 | \$ 53,312.06 |
| Bedford | Everett | BDFRPAXBDS0 | EVRTPAXERS1 | \$ 336.86 | \$ 8,197.61 |
| Bedford | Fishertown | BDFRPAXBDS0 | FSTWPAXFRS1 | \$ 1,155.42 | \$ 32,091.66 |
| Bedford | Osterburg | BDFRPAXBDS0 | OSBGPAXORS1 | \$ 336.86 | \$ 8,197.61 |
| Bedford | Schellsburg | BDFRPAXBDS0 | SCBGPAXSRS1 | \$ 608.74 | \$ 16,784.67 |
| Bedford Valley | Hyndman | BDVYPAXBRS1 | HYNDPAXHRS1 | \$ 6,140.17 | \$ 171,404.32 |
| Beech Creek | Howard | BCKKPAxBRS1 | HWRDPAXHRS1 | \$ 769.33 | \$ 21,281.29 |
| Beech Creek | Mill Hall | BCKKPAxBRS1 | MLHLPAXEDS0 | \$ 769.33 | \$ 21,281.29 |
| Belleville | Reedsville | BLVLPAXBRS1 | RDVLPAXRDS0 | \$ 852.04 | \$ 23,597.15 |
| Biglerville | Gettysburg | BIGVPAXBRS1 | GTBGPAXGDS0 | \$ 517.20 | \$ 13,247.33 |
| Biglerville | York Springs | BIGVPAXBRS1 | YRSPPAXYRS1 | \$ 517.20 | \$ 13,247.33 |
| Blacktown | Plain Grove | BLTWPAXBRS1 | PAGVPAXPRS0 | \$ 791.92 | \$ 21,913.71 |
| Blacktown | Volant | BLTWPAXBRS1 | VLNTPAXVRS0 | \$ 791.92 | \$ 21,913.71 |
| Blain | Carlisle | BLINPAxBRS1 | CRLSPAxCDS0 | \$ 1,283.96 | \$ 34,716.02 |
| Blain | East Waterford | BLINPAxBRS1 | EWFRPAxERS1 | \$ 1,283.96 | \$ 34,716.02 |
| Blain | Loysville | BLINPAxBRS1 | LYSVPAXLRS1 | \$ 1,283.96 | \$ 34,716.02 |
| Blue Ridge Summit | Waynesboro | BLRSPAxBRS1 | WYBOPAxDWS0 | \$ 255.44 | \$ 6,892.09 |
| Bruin | Chicora | BRINPAxBRS0 | CHCRPAxCRS0 | \$ | \$ |

| | | | | | |
|--------------|---------------------|-------------|--------------|----------|-----------|
| | | | | 957.47 | 25,574.57 |
| | | | | \$ | \$ |
| Bruin | North Washington | BRINPAXBRS0 | NWSHPAXNRS0 | 957.47 | 25,574.57 |
| | | | | \$ | \$ |
| Bruin | Parker | BRINPAXBRS0 | PRKRPAXPRS0 | 957.47 | 25,574.57 |
| | | | | \$ | \$ |
| Bruin | Petrolia | BRINPAXBRS0 | PTRLPAXPRS0 | 957.47 | 25,574.57 |
| | | | | \$ | \$ |
| Butler | Chicora | BTLRPAXBDS0 | CHCRPAXCRS0 | 957.47 | 25,574.57 |
| | Connoquenessing | | | \$ | \$ |
| Butler | | BTLRPAXBDS0 | CNQNPAXCRS0 | 433.23 | 10,896.17 |
| | | | | \$ | \$ |
| Butler | Meridian | BTLRPAXBDS0 | MRDNPAXMRS0 | 433.23 | 10,896.17 |
| | | | | \$ | \$ |
| Butler | Nixon | BTLRPAXBDS0 | NIXNPAXNRS0 | 433.23 | 10,896.17 |
| | North Washington | | | \$ | \$ |
| Butler | | BTLRPAXBDS0 | NWSHPAXNRS0 | 957.47 | 25,574.57 |
| | | | | \$ | \$ |
| Butler | Petrolia | BTLRPAXBDS0 | PTRLPAXPRS0 | 957.47 | 25,574.57 |
| | | | | \$ | \$ |
| Butler | Portersville | BTLRPAXBDS0 | PTVLPAXPRS0 | 1,224.25 | 34,018.98 |
| | | | | \$ | \$ |
| Butler | Prospect | BTLRPAXBDS0 | PRSPAXPRS0 | 1,224.25 | 34,018.98 |
| | | | | \$ | \$ |
| Butler | Slippery Rock | BTLRPAXBDS0 | SLRKPAXSDS0 | 1,224.25 | 34,018.98 |
| | | | | \$ | \$ |
| Butler | West Sunbury | BTLRPAXBDS0 | WSNPAXWRS0 | 1,547.19 | 41,826.51 |
| | | | | \$ | \$ |
| Carlisle | Columbia | CRLSPAXCDS0 | CLMAPAXCDS0 | 284.55 | 6,914.94 |
| | | | | \$ | \$ |
| Carlisle | Duncannon | CRLSPAXCDS0 | DNCNPAXDRS1 | 1,037.80 | 27,563.36 |
| | | | | \$ | \$ |
| Carlisle | Elizabethtown | CRLSPAXCDS0 | EZTWPAXEDS0 | 284.55 | 6,914.94 |
| | | | | \$ | \$ |
| Carlisle | Greencastle | CRLSPAXCDS0 | GNCSPAXGRS1 | 445.72 | 11,336.47 |
| | | | | \$ | \$ |
| Carlisle | Loysville | CRLSPAXCDS0 | LYSVPAXLRS1 | 455.03 | 11,506.06 |
| | | | | \$ | \$ |
| Carlisle | McConnellsburg | CRLSPAXCDS0 | MCBGPAXMRS1 | 628.45 | 16,452.98 |
| | | | | \$ | \$ |
| Carlisle | Mifflintown | CRLSPAXCDS0 | MFTWPAXMDS0 | 1,283.96 | 34,716.02 |
| | Mount Holly Springs | | | \$ | \$ |
| Carlisle | | CRLSPAXCDS0 | MHSPPAXMRS1 | 332.94 | 9,062.39 |
| | | | | \$ | \$ |
| Carlisle | Mount Joy | CRLSPAXCDS0 | MTJYPAXMDS0 | 284.55 | 6,914.94 |
| | | | | \$ | \$ |
| Carlisle | Newport | CRLSPAXCDS0 | NWPTPAXNDS0 | 455.03 | 11,506.06 |
| | | | | \$ | \$ |
| Carlisle | Newville | CRLSPAXCDS0 | NVLCAPAXNRS1 | 1,055.69 | 28,324.52 |
| | | | | \$ | \$ |
| Carlisle | Reedsville | CRLSPAXCDS0 | RDVLPAXRDS0 | 2,136.00 | ICB |
| | | | | \$ | \$ |
| Carlisle | Waynesboro | CRLSPAXCDS0 | WYBOPAXWDS0 | 445.72 | 11,336.47 |
| | | | | \$ | \$ |
| Chambersburg | Dry Run | CHBGPAXCDS0 | DYRNPAXDRS1 | 878.26 | 23,096.51 |
| | | | | \$ | \$ |
| Chambersburg | Fayetteville | CHBGPAXCDS0 | FYVLPAXFRS1 | 121.82 | 2,176.57 |
| | | | | \$ | \$ |
| Chambersburg | Greencastle | CHBGPAXCDS0 | GNCSPAXGRS1 | 202.01 | 4,421.53 |
| | | | | \$ | \$ |
| Chambersburg | Marion | CHBGPAXCDS0 | MARNPAXMRS1 | 384.74 | 9,538.04 |
| | | | | \$ | \$ |
| Chambersburg | McConnellsburg | CHBGPAXCDS0 | MCBGPAXMRS1 | 384.74 | 9,538.04 |
| | | | | \$ | \$ |
| Chambersburg | Mercersburg | CHBGPAXCDS0 | MRCBPAXMRS1 | 586.74 | 13,959.57 |
| | | | | \$ | \$ |
| Chambersburg | Newburg | CHBGPAXCDS0 | NWBGAPAXNRS1 | 510.80 | 11,833.53 |
| | | | | \$ | \$ |
| Chambersburg | Saint Thomas | CHBGPAXCDS0 | STTMPAXSRS1 | 384.74 | 9,538.04 |

| | | | | | |
|-------------------|------------------|--------------|--------------|-------------|--------------|
| Chambersburg | Shippensburg | CHBGPAxCD\$0 | SHIPPAXSD\$0 | \$ 243.94 | \$ 5,595.83 |
| Charlesville | Everett | CLVLPAXCR\$1 | EV RTPAXERS1 | \$ 2,250.14 | \$ 61,509.67 |
| Chicora | North Washington | CHCRPAXCR\$0 | NWSHPAXNRS0 | \$ 957.47 | \$ 25,574.57 |
| Chicora | Petrolia | CHCRPAXCR\$0 | PTRLPAXPRS0 | \$ 957.47 | \$ 25,574.57 |
| Claysburg | Osterburg | CYBGPAXCR\$1 | OSBGPAXORS1 | \$ 336.86 | \$ 8,197.61 |
| Claysburg | Roaring Springs | CYBGPAXCR\$1 | RRSPPAXRRS1 | \$ 336.86 | \$ 8,197.61 |
| Clearville | Everett | CLRVPAXCR\$1 | EV RTPAXERS1 | \$ 476.13 | \$ 11,967.28 |
| Columbia | Elizabethtown | CLMAPAXCD\$0 | EZTWPAXED\$0 | \$ 221.57 | \$ 4,969.32 |
| Columbia | Marietta | CLMAPAXCD\$0 | MRTTPAXMRS1 | \$ 221.57 | \$ 4,969.32 |
| Columbia | Mount Joy | CLMAPAXCD\$0 | MTJYPAXMDS0 | \$ 221.57 | \$ 4,969.32 |
| Columbia | Mountville | CLMAPAXCD\$0 | MTVLPAXMRS1 | \$ 221.57 | \$ 4,969.32 |
| Columbia - H | Carlisle - T | CLMAPAXCD\$0 | CRLSPAXC71T | \$ 284.55 | \$ 6,914.94 |
| Connoquenessin | Evans City | CNQNPAXCR\$0 | EVCYPAXERS0 | \$ 433.23 | \$ 10,896.17 |
| Connoquenessin | Meridlan | CNQNPAXCR\$0 | MRDNPAXMRS0 | \$ 433.23 | \$ 10,896.17 |
| Connoquenessin | Nixon | CNQNPAXCR\$0 | NIXNPAXNRS0 | \$ 433.23 | \$ 10,896.17 |
| Connoquenessin | Prospect | CNQNPAXCR\$0 | PRSPAPXPRS0 | \$ 1,657.48 | \$ 44,915.15 |
| Duncannon | Marysville | DNCNPAXDR\$1 | MYVIPAXMDS0 | \$ 582.77 | \$ 16,057.30 |
| Duncannon | New Bloomfield | DNCNPAXDR\$1 | NBFDPAxNRS1 | \$ 582.77 | \$ 16,057.30 |
| Duncannon | Newport | DNCNPAXDR\$1 | NWPTPAXNDS0 | \$ 582.77 | \$ 16,057.30 |
| East Waterford | Mifflintown | EWFRPAXERS1 | MFTWPAXMDS0 | \$ 1,283.96 | \$ 34,716.02 |
| East Waterford | Port Royal | EWFRPAXERS1 | PTRYPAXPRS1 | \$ 1,283.96 | \$ 34,716.02 |
| Eau Claire | Emlenton | EUCLPAXERS0 | EMTNPAXERS1 | \$ 957.47 | \$ 25,574.57 |
| Eau Claire | Foxburg | EUCLPAXERS0 | FXBGPAXFRS1 | \$ 957.47 | \$ 25,574.57 |
| Eau Claire | North Washington | EUCLPAXERS0 | NWSHPAXNRS0 | \$ 957.47 | \$ 25,574.57 |
| Eau Claire | Parker | EUCLPAXERS0 | PRKRPAXPRS0 | \$ 957.47 | \$ 25,574.57 |
| Elizabethtown | Marietta | EZTWPAXED\$0 | MRTTPAXMRS1 | \$ 221.57 | \$ 4,969.32 |
| Elizabethtown | Mount Joy | EZTWPAXED\$0 | MTJYPAXMDS0 | \$ 221.57 | \$ 4,969.32 |
| Elizabethtown - H | Carlisle - T | EZTWPAXED\$0 | CRLSPAXC71T | \$ 284.55 | \$ 6,914.94 |
| Emlenton | Foxburg | EMTNPAXERS1 | FXBGPAXFRS1 | \$ 957.47 | \$ 25,574.57 |
| Emlenton | Parker | EMTNPAXERS1 | PRKRPAXPRS0 | \$ 957.47 | \$ 25,574.57 |
| Evans City | Nixon | EVCYPAXERS0 | NIXNPAXNRS0 | \$ 433.23 | \$ 10,896.17 |
| Everett | Hopewell | EV RTPAXERS1 | HPWLPAXHRS1 | \$ 1,973.60 | \$ 53,766.01 |
| Fairfield (Adams) | Gettysburg | FRFDPAxFRS1 | GTBGPAXGDS0 | \$ 300.90 | \$ 8,165.37 |
| Fayetteville | Hanover (York) | FYVLPAXFRS1 | HNVRPAXHDS0 | \$ 365.53 | \$ 9,091.51 |
| Fishertown | Osterburg | FSTWPAXFRS1 | OSBGPAXORS1 | \$ 1,492.28 | \$ 40,289.27 |

| | | | | | |
|----------------|------------------------|-------------|-------------|----------------|-----------------|
| Fishertown | Schellsburg | FSTWPAXFRS1 | SCBGPAXSRS1 | \$ 1,764.16 | \$ 48,876.33 |
| Foxburg | Parker | FXBGPAXFRS1 | PRKRPAXPRS0 | \$ 957.47 | \$ 25,574.57 |
| Gettysburg - H | Carlisle - T | GTBGPAXGDS0 | CRLSPAXC71T | \$ 284.55 | \$ 6,914.94 |
| Greencastle | Marion | GNCSPAXGRS1 | GNCSPAXGRS1 | \$ 202.01 | \$ 4,421.53 |
| Greencastle | Mercersburg | GNCSPAXGRS1 | MRCBPAXMRS1 | \$ 586.74 | \$ 13,959.57 |
| Greencastle | Waynesboro | GNCSPAXGRS1 | WYBOPAXWDS0 | \$ 202.01 | \$ 4,421.53 |
| Hanover - H | Carlisle - T | HNVRPAXHDS0 | CRLSPAXC71T | \$ 284.55 | \$ 6,914.94 |
| Hanover | Biglerville | HNVRPAXHDS0 | BIGVPAXBRS1 | \$ 760.91 | \$ ICB |
| Hanover | Columbia | HNVRPAXHDS0 | CLMAPAXCDS0 | \$ 284.55 | \$ 6,914.94 |
| Hanover | Gettysburg | HNVRPAXHDS0 | GTBGPAXGDS0 | \$ 338.30 | \$ 8,281.99 |
| Hanover | Greencastle | HNVRPAXHDS0 | GTBGPAXGDS0 | \$ 445.72 | \$ 11,336.47 |
| Hanover | Mountville | HNVRPAXHDS0 | MTVLPAXMRS1 | \$ 465.28 | \$ ICB |
| Hanover | Newport | HNVRPAXHDS0 | NWPTPAXNDS0 | \$ 698.74 | \$ 18,421.00 |
| Hanover (York) | Littlestown | HNVRPAXHDS0 | LTTWPAXLRS1 | \$ 471.94 | \$ 11,980.25 |
| Hanover (York) | New Oxford | HNVRPAXHDS0 | NWOXPAXNDS0 | \$ 471.94 | \$ 11,980.25 |
| Hanover (York) | Waynesboro | HNVRPAXHDS0 | WYBOPAXWDS0 | \$ 445.72 | \$ 11,336.47 |
| Harrisville | Plain Grove | HRVLPAXHRS0 | PAGVPAXPRS0 | \$ 1,539.62 | \$ 42,589.18 |
| Harrisville | Portersville | HRVLPAXHRS0 | PTVLPAXPRS0 | \$ 1,971.94 | \$ 54,694.45 |
| Harrisville | Slippery Rock | HRVLPAXHRS0 | SLRKPAXSDS0 | \$ 747.70 | \$ 20,675.47 |
| Harrisville | Volant | HRVLPAXHRS0 | VLNTPAXVRS0 | \$ 1,539.62 | \$ 42,589.18 |
| Harrisville | West Sunbury | HRVLPAXHRS0 | WSNBPAWRS0 | \$ 2,294.89 | \$ 62,501.97 |
| Howard | Zion | HWRDPAXHRS1 | ZIONPAXZRS1 | \$ 769.33 | \$ 21,281.29 |
| Ickesburg | Loysville | ICBGPAXIRS1 | LYSVPAXLRS1 | \$ 455.03 | \$ 11,506.06 |
| Ickesburg | Millerstown (Perry) | ICBGPAXIRS1 | MLTWPAXMRS1 | \$ 2,890.32 | \$ 78,198.93 |
| Ickesburg | New Bloomfield | ICBGPAXIRS1 | NBFDPAWRS1 | \$ 455.03 | \$ 11,506.06 |
| Ickesburg | Newport | ICBGPAXIRS1 | NWPTPAXNDS0 | \$ 455.03 | \$ 11,506.06 |
| Ickesburg | Port Royal | ICBGPAXIRS1 | PTRYPAWRS1 | \$ 1,738.99 | \$ 46,222.08 |
| Littlestown | Gettysburg | LTTWPAXLRS1 | GTBGPAXGDS0 | \$ 756.49 | \$ 18,895.19 |
| Littlestown | New Oxford | LTTWPAXLRS1 | NWOXPAXNDS0 | \$ 471.94 | \$ 11,980.25 |
| Liverpool | Millerstown (Perry) | LVRPPAXLRS1 | MLTWPAXMRS1 | \$ 1,151.33 | \$ 31,976.86 |
| Liverpool | Newport | LVRPPAXLRS1 | NWPTPAXNDS0 | \$ 1,151.33 | \$ 31,976.86 |
| Loysburg | Martinsburg | LYBGPAXLRS1 | MRBGPAXMRS1 | \$ 336.86 | \$ 8,197.61 |
| Loysburg | Roaring Springs | LYBGPAXLRS1 | RRSPPAXRRS1 | \$ 336.86 | \$ 8,197.61 |
| Loysville | New Bloomfield | LYSVPAXLRS1 | NBFDPAWRS1 | \$ 455.03 | \$ 11,506.06 |
| Marietta | Mount Joy | MRTTPAXMRS1 | MTJYPAXMDS0 | \$ 221.57 | \$ 4,969.32 |

| | | | | | |
|------------------------|-----------------|-------------|-------------|-------------|--------------|
| Marietta | Mountville | MRTTPAXMRS1 | MTVLPAXMRS1 | \$ 221.57 | \$ 4,969.32 |
| Marklesburg | McConnellstown | MKBGPAXMRS1 | MCONELLSTN | \$ 2,532.74 | \$ 68,187.60 |
| Martinsburg | Roaring Springs | MRBGPAXMRS1 | RRSPAXRRS1 | \$ 336.86 | \$ 8,197.61 |
| Martinsburg | Williamsburg | MRBGPAXMRS1 | WLBGPAXWRS1 | \$ 797.39 | \$ 20,832.58 |
| Marysville - H | Carlisle - T | MYVIPAXMDS0 | CRLSPAXC71T | \$ 1,037.80 | \$ 27,563.36 |
| McAlisterville | Mifflintown | MCLVPAXMRS1 | MFTWPAXMDS0 | \$ 1,151.33 | \$ 31,976.86 |
| McAlisterville | Port Royal | MCLVPAXMRS1 | PTRYPAXPRS1 | \$ 2,435.29 | \$ 66,692.88 |
| McAlisterville | Richfield | MCLVPAXMRS1 | RCFDPAXRRS1 | \$ 1,151.33 | \$ 31,976.86 |
| McAlisterville | Thompsontown | MCLVPAXMRS1 | TMTWPAXTRS1 | \$ 1,151.33 | \$ 31,976.86 |
| Mercersburg | Marion | MRCBPAXMRS1 | GNCSPAXGRS1 | \$ 586.74 | \$ 13,959.57 |
| Mercersburg | Saint Thomas | MRCBPAXMRS1 | STTMPAXSRS1 | \$ 586.74 | \$ 13,959.57 |
| Meridian | Nixon | MRDNPAXMRS0 | NIXNPAXNRS0 | \$ 433.23 | \$ 10,896.17 |
| Meridian | Prospect | MRDNPAXMRS0 | PRSPAXPRS0 | \$ 1,657.48 | \$ 44,915.15 |
| Mifflintown | Port Royal | MFTWPAXMDS0 | PTRYPAXPRS1 | \$ 1,283.96 | \$ 34,716.02 |
| Mifflintown | Thompsontown | MFTWPAXMDS0 | TMTWPAXTRS1 | \$ 1,151.33 | \$ 31,976.86 |
| Mifflintown - H | Carlisle - T | MFTWPAXMDS0 | CRLSPAXC71T | \$ 1,283.96 | \$ 34,716.02 |
| Millerstown (Perry) | New Bloomfield | MLTWPAXMRS1 | NBFDPAxNRS1 | \$ 2,890.32 | \$ 78,198.93 |
| Millerstown (Perry) | Newport | MLTWPAXMRS1 | NWPTPAXNDS0 | \$ 2,435.29 | \$ 66,692.88 |
| Millerstown (Perry) | Thompsontown | MLTWPAXMRS1 | TMTWPAXTRS1 | \$ 2,435.29 | \$ 66,692.88 |
| Mount Joy | Mountville | MTJYPAXMDS0 | MTVLPAXMRS1 | \$ 221.57 | \$ 4,969.32 |
| Mount Joy - H | Carlisle - T | MTJYPAXMDS0 | CRLSPAXC71T | \$ 284.55 | \$ 6,914.94 |
| Mountville | Columbia | MTVLPAXMRS1 | CLMAPAXCDS0 | \$ 221.57 | \$ 4,969.32 |
| New Bloomfield | Newport | NBFDPAxNRS1 | NWPTPAXNDS0 | \$ 455.03 | \$ 11,506.06 |
| New Oxford - H | Carlisle - T | NWOXPAXNDS0 | CRLSPAXC71T | \$ 284.55 | \$ 6,914.94 |
| Newburg | Newville | NWBGPAxNRS1 | NVLCPAxNRS1 | \$ 727.01 | \$ 16,652.98 |
| Newburg | Shippensburg | NWBGPAxNRS1 | SHIPPAXSDS0 | \$ 266.86 | \$ 6,237.70 |
| Newport - H | Carlisle - T | NWPTPAXNDS0 | CRLSPAXC71T | \$ 455.03 | \$ 11,506.06 |
| North Washington | Petrolia | NWSHPAXNRS0 | PTRLPAXPRS0 | \$ 957.47 | \$ 25,574.57 |
| North Washington | West Sunbury | NWSHPAXNRS0 | WSNBPAXWRS0 | \$ 1,547.19 | \$ 41,826.51 |
| Orbisonia | Shade Gap | ORBSPAXORS1 | SHGPPAXSRS1 | \$ 1,873.80 | \$ 49,997.14 |
| Orbisonia | Three Springs | ORBSPAXORS1 | THSPPAXTRS1 | \$ 1,873.80 | \$ 49,997.14 |
| Parker | Petrolia | PRKRPAXPRS0 | PTRLPAXPRS0 | \$ 957.47 | \$ 25,574.57 |
| Plain Grove | Portersville | PAGVPAXPRS0 | PTVLPAXPRS0 | \$ 2,016.17 | \$ 55,932.69 |
| Plain Grove | Slippery Rock | PAGVPAXPRS0 | SLRKPAXSDS0 | \$ 791.92 | \$ 21,913.71 |
| Plain Grove | Volant | PAGVPAXPRS0 | VLNTPAXVRS0 | \$ 1,539.62 | \$ 42,589.18 |

| | | | | | |
|----------------|---------------------|-------------|-------------|----------------|-----------------|
| Port Royal | Thompstontown | PTRYPAXPRS1 | TMTWPAXTRS1 | \$ 2,435.29 | \$ 66,692.88 |
| Portersville | Prospect | PTVLPAXPRS0 | PRSPPAXPRS0 | \$ 1,224.25 | \$ 34,018.98 |
| Portersville | Slippery Rock | PTVLPAXPRS0 | SLRKPAXSDS0 | \$ 2,181.72 | \$ 59,593.55 |
| Portersville | Volant | PTVLPAXPRS0 | VLNTPAXVRS0 | \$ 2,016.17 | \$ 55,932.69 |
| Reedsville - H | Carlisle - T | RDVLPAXRDS0 | CRLSPAXC71T | \$ 2,136.00 | \$ 58,313.17 |
| Shade Gap | Three Springs | SHGPPAXSRS1 | THSPPAXTRS1 | \$ 1,873.80 | \$ 49,997.14 |
| Slippery Rock | Volant | SLRKPAXSDS0 | VLNTPAXVRS0 | \$ 791.92 | \$ 21,913.71 |
| Slippery Rock | West Sunbury | SLRKPAXSDS0 | WSNBPAXWRS0 | \$ 1,547.19 | \$ 41,826.51 |
| Thompstontown | McAlisterville | TMTWPAXTRS1 | MCLVPAXMRS1 | \$ 1,151.33 | \$ 31,976.86 |
| Waynesboro - H | Chambersburg - T | WYBOPAXWDS0 | CHBGPAXC71T | \$ 202.01 | \$ 4,421.53 |
| York Springs | Gettysburg | YRSPPAXYRS1 | GTBGPAXGDS0 | \$ 517.20 | \$ 13,247.33 |

| Table 2 | | Pennsylvania |
|---|--------------------|------------------------|
| Rate Element Description | Non-Recurring Rate | Monthly Recurring Rate |
| Physical and Virtual Collocation Elements | | |
| Application Fees | | |
| New Collocation - Application Fee | \$ 2,655.77 | N/A |
| New Collocation - Administrative, Transmission Engineering & Project Management Fee | \$ 5,504.45 | N/A |
| Minor Augment Fee | \$ 792.91 | N/A |
| Minor Augment - Administrative & Project Management Fee | \$ 735.91 | N/A |
| Minor Augment - Transmission Engineering Fee | \$ 505.73 | N/A |
| Major Augment Fee | \$ 1,576.00 | N/A |
| Major Augment - Administrative & Project Management Fee | \$ 1,910.28 | N/A |
| Major Augment - Transmission Engineering Fee | \$ 1,485.58 | N/A |
| Space Report (per wire center) | \$ 886.68 | N/A |
| Security Cage Construction | | |
| Security Cage - Engineering | \$ 477.61 | N/A |
| Security Cage - Construction (per Linear Foot) | \$ 47.18 | N/A |
| Floor Space | | |
| Floor Space (per Square Foot) | N/A | \$ 10.56 |
| DC Power | | |
| Power Costs (per Load Ampere Ordered) | N/A | \$ 18.54 |
| Power Costs (per Connection to Power Plant up to 30 Amps) | \$ 1,323.92 | \$ 16.06 |
| Power Costs (per Connection to Power Plant 31-60 Amps) | \$ 2,309.26 | \$ 26.29 |
| Power Costs (per Connection to Power Plant 61-100 Amps) | \$ 8,471.71 | \$ 85.19 |
| Additional Cost per Foot Over 110 Linear Feet | \$ 163.90 | \$ 1.56 |
| Power Costs (per Connection to Power Plant 101-200 Amps) | \$ 18,684.12 | \$ 184.65 |
| Additional Cost per Foot Over 110 Linear Feet | \$ 309.72 | \$ 2.94 |
| AC Power | | |
| AC Outlet Installation (per 20 amp outlet) | \$ 1,063.89 | N/A |
| Overhead Lights (per set of 2) | \$ 1,562.11 | N/A |
| Cross Connect Facilities | | |
| DS0 Switchboard Cable (per 100 Pair) | N/A | \$ 27.46 |
| DS0 Co-Carrier Direct Cabling (per 100 Pair Switchboard Cable) | \$ 513.79 | \$ 7.50 |
| DS1 Cross Connect (per DS1 in 28-pack Increments) | N/A | \$ 1.57 |
| DS1 Co-Carrier Direct Cabling (per DS1 28-pack Cable) | \$ 527.46 | \$ 8.92 |
| DS3 Cross Connect (per DS3 in 12-pack Increments) | N/A | \$ 19.60 |
| DS3 Co-Carrier Direct Cabling (per DS3 12-pack Cable) | \$ 1819.56 | \$ 20.52 |
| Optical Cross-Connect (per 4-Fiber Cable) | N/A | \$ 15.68 |
| Optical Co-Carrier Direct Cabling (per 4-Fiber Cable) | \$ 206.86 | \$ 9.65 |
| Internal Cable Space (per 48-Fiber Cable) | N/A | \$ 41.99 |
| Internal Cable Space (per 100-Pair Copper Stub Cable) | N/A | \$ 28.30 |
| Internal Cable (per 48-Fiber Cable) | \$ 1,152.00 | \$ 36.53 |
| Internal Cable (per 100-Pair Copper Stub Cable) | \$ 179.61 | \$ 50.29 |

| Table 2 - Continued | | |
|---|---------------------------|-------------------------------|
| Rate Element Description | Non-Recurring Rate | Monthly Recurring Rate |
| Physical and Virtual Collocation Elements | | |
| Security Card (per Card) | \$ 15.00 | N/A |
| Additional Labor Charges (Physical or Virtual) | | |
| Additional Labor 1/4 hour CO Technician - Regular | \$ 11.83 | N/A |
| Additional Labor 1/4 hour CO Technician - Overtime | \$ 17.75 | N/A |
| Additional Labor 1/4 hour CO Technician - Premium | \$ 23.66 | N/A |
| Additional Labor 1/4 hour CO Engineer | \$ 14.34 | N/A |
| Additional Labor 1/4 hour OSP Technician - Regular | \$ 15.36 | N/A |
| Additional Labor 1/4 hour OSP Technician - Overtime | \$ 23.04 | N/A |
| Additional Labor 1/4 hour OSP Technician - Premium | \$ 30.72 | N/A |
| Additional Labor 1/4 hour OSP Engineer | \$ 13.58 | N/A |
| Adjacent Onsite Collocation | | |
| | Non-Recurring Rate | Monthly Recurring Rate |
| All elements | ICB | ICB |
| Remote Terminal Collocation | | |
| | Non-Recurring Rate | Monthly Recurring Rate |
| All elements | ICB | ICB |

Exhibit A

There are no Sprint wire centers in Pennsylvania that meet or exceed the requirements for CLEC to be considered “not impaired” for provision of UNE Loops, or are considered to be Tier 1 or Tier 2 for provision of UNE transport services.

