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**MASTER INTERCONNECTION, COLLOCATION AND RESALE AGREEMENT  
FOR THE STATE OF TENNESSEE**

*June 25, 2010*

*US LEC of Tennessee LLC d/b/a PAETEC Business Services*

*and*

*United Telephone – Southeast, Inc. d/b/a CenturyLink*

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## **INTERCONNECTION AND RESALE AGREEMENT**

This Interconnection, Collocation and Resale Agreement (the "Agreement"), dated this 25th day of June, 2010, is entered into by and between US LEC of Tennessee LLC d/b/a PAETEC Business Services ("US LEC") and United Telephone – Southeast, Inc. d/b/a CenturyLink ("CenturyLink") to establish the rates, terms and conditions for local interconnection, local resale, 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 US LEC's use in the provision of exchange access ("Local Interconnection"); and

WHEREAS, US LEC wishes to purchase Telecommunications Services for resale to others, and CenturyLink is willing to provide these services; and

WHEREAS, US LEC wishes to purchase unbundled Network Elements, ancillary services and functions and additional features ("Network Elements") for the provision of Telecommunications Services to others, and CenturyLink 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 Tennessee;

Now, therefore, in consideration of the terms and conditions contained in this Agreement, US LEC and CenturyLink 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 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. "Act" means the Communications Act of 1934, as amended.
- 1.5. "Affiliate" is as defined in the Act.
- 1.6. "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.
- 1.7. "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.
- 1.8. "Automatic Location Identification" ("ALI") means a feature that provides the caller's telephone number, address and the names of the Emergency Response agencies that are responsible for that address.
- 1.9. "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.
- 1.10. "Automatic Number Identification" ("ANI") is a feature that identifies and displays the number of a telephone line that originates a call.



- 1.11. "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.
- 1.12. "ATU - C" refers to an ADSL Transmission Unit - Central Office.
- 1.13. "Busy Line Verify/Busy Line Verify Interrupt" ("BLV/BLVI") 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.
- 1.14. "Business Day(s)" means the days of the week excluding Saturdays, Sundays, and all CenturyLink holidays.
- 1.15. "Business Line" is a CenturyLink-owned switched access line used to serve a business customer, whether by CenturyLink or by a competitive LEC that leases the line from CenturyLink. The number of Business Lines in a Wire Center shall equal the sum of all CenturyLink 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 CenturyLink 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."
- 1.16. "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.
- 1.17. "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-001869, 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. CenturyLink's carrier access billing system is its Carrier Access Support System (CASS). CASS mirrors the requirements of CABS.
- 1.18. "Central Office Building" or "Building" shall mean a structure (not including a Controlled Environment Vault ("CEV")) housing CenturyLink equipment that is under the control of CenturyLink and for which CenturyLink has the right to grant access and/or occupation by third Parties.

- 1.19. “Central Office Switches” - are switching facilities within the public switched telecommunications network, including, but not limited to:
  - 1.19.1. “End Office Switches” (“EOs”) are switches from which end user Telephone Exchange Services are directly connected and offered.
  - 1.19.2. “Tandem Switches” are switches that are used to connect and switch trunk circuits between and among Central Office Switches.
  - 1.19.3. “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.
- 1.20. “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.
- 1.21. “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.
- 1.22. “Collocation Arrangement” refers to a single, specific provision of collocation in a particular Premises, not limited to a cage enclosing US LEC’s equipment within the Premises.
- 1.23. “Collocation Space” shall mean an area of space located in a Building to be used by US LEC to house telecommunications equipment. Additionally, roof or wall space used for wireless interconnection shall be included in the definition where applicable.
- 1.24. “Commingling” means the act of Commingling.
- 1.25. “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 US LEC has obtained at wholesale from CenturyLink or the combining of an unbundled Network Element, or a combination of unbundled Network Elements with one or more such facilities or services.
- 1.26. “Commission” means the Tennessee Regulatory Authority.
- 1.27. “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.
- 1.28. “Common Transport” provides a local interoffice transmission path between End Office Switches, between End Office Switches and Tandem Switches and between Tandem Switches in CenturyLink’s network. Common Transport is shared between multiple customers and is required to be switched at the Tandem

Switch.

- 1.29. "Confidential and/or Proprietary Information" has the meaning set forth in Section 14 of Part A - General Terms and Conditions.
- 1.30. "Controlled Environment Vault" ("CEV") shall mean a below ground room other than a Central Office Building which is controlled by CenturyLink and which is suitable for collocation of telecommunications equipment under controlled temperature and humidity.
- 1.31. "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.
- 1.32. "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.
- 1.33. "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.
- 1.34. "Customer Proprietary Network Information" ("CPNI") is as defined in the Act.
- 1.35. "Database Management System" ("DBMS") is a computer process used to store, sort, manipulate and update the data required to provide Selective Routing and ALI.
- 1.36. "Day" means calendar days unless otherwise specified.
- 1.37. "Dedicated Transport" includes CenturyLink transmission facilities between Wire Centers or switches owned by CenturyLink, or between Wire Centers or switches owned by CenturyLink and switches owned by US LEC, including, but not limited to, DS1-, DS3-, and OCn-capacity level services, as well as dark fiber, dedicated to a particular customer or carrier.
- 1.38. "Demarcation Point" is the point of a demarcation and/or interconnection between CenturyLink's communication facilities and terminal equipment, protective apparatus, or wiring at a subscriber's Premises. CenturyLink-installed facilities at or constituting the Demarcation Point consists of a wire or a jack conforming to Subpart F of Part 68 of the FCC rules.
- 1.39. "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.

- 1.40. "Directory Assistance Database" refers to any subscriber record used by CenturyLink in its provision of live or automated operator-assisted directory assistance including but not limited to 411, 555-1212, NPA-555-1212.
- 1.41. "Directory Assistance Services" provides listings to callers. Directory Assistance Services may include the option to complete the call at the caller's direction.
- 1.42. "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.
- 1.43. "DS3 Loop" is a digital Local Loop having a total digital signal speed of 44.736 megabytes per second.
- 1.44. "DSLAM" refers to a Digital Subscriber Line Access Multiplexer.
- 1.45. "Duct" is a single enclosed path to house facilities to provide Telecommunications Services.
- 1.46. "Effective Date" is the date referenced in the opening paragraph on page 1 of the Agreement, unless otherwise required by the Commission.
- 1.47. "Electronic Interface" means access to operations support systems consisting of preordering, ordering, provisioning, maintenance and repair and billing functions.
- 1.48. "Emergency Response Agency" is a governmental entity authorized to respond to requests from the public to meet emergencies.
- 1.49. "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.
- 1.50. "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 CenturyLink Network.
- 1.51. "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).
- 1.52. "End Date" is the date this Agreement terminates as referenced in 5.1.
- 1.53. "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.

- 1.54. "FCC" means the Federal Communications Commission.
- 1.55. "Fiber-based Collocator" means any carrier, unaffiliated with CenturyLink, that maintains a Collocation Arrangement in CenturyLink'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 CenturyLink's Wire Center premises; and (3) is owned by a party other than CenturyLink or any Affiliate of CenturyLink, except as set forth in this definition. Two separate carriers, unaffiliated with CenturyLink, who share a single collocation with a single fiber-optic cable or comparable transmission facility terminating at the collocation arrangement, will be counted as a single Fiber-based Collocator. Dark fiber obtained from CenturyLink on an indefeasible right of use basis shall be treated as non-CenturyLink 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.
- 1.56. "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 multiple dwelling units ("MDU's"), not more than 500 feet from the MDUs minimum point of entry ("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-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").
- 1.58. "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.
- 1.59. "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 CenturyLink to the end-user customer.
- 1.60. "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.

- 1.61. "Incumbent Local Exchange Carrier" ("ILEC") is as defined in the Act.
- 1.62. "Interexchange Carrier" ("IXC") means a provider of interexchange Telecommunications Services.
- 1.63. "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.
- 1.64. "ISP-Bound Traffic," for the purposes of this Agreement, is defined as traffic that is transmitted to an Internet Service Provider ("ISP") consistent with the ISP Remand Order; provided, however, for purposes of intercarrier compensation, Local Traffic delivered to a Party that exceeds a 3:1 ratio of terminating to originating traffic is presumed to be ISP-Bound Traffic.
- 1.65. "Inner Duct" or "Conduit" shall mean any passage or opening in, on, under, over or through the CenturyLink Central Office Building cable or conduit systems.
- 1.66. "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 CenturyLink and other entities and validation for collect and billed-to-third services.
- 1.67. "Live Load Capacity" as it relates to a US LEC's Collocation Space refers to the structural strength of the floor to support the weight of US LEC's property and equipment installed in the collocated space.
- 1.68. "Local Loop" refers to a transmission facility between the main distribution frame [cross-connect], or its equivalent, in a CenturyLink Central Office or Wire Center, and up to the Demarcation Point (e.g. Network Interface Device) at a customer's premises, to which US LEC 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.
- 1.69. "Local Number Portability" ("LNP") means the ability of users of Telecommunications Services to retain, at the same CenturyLink served Rate Center, existing telecommunications numbers without impairment of quality, reliability, or convenience when switching from one Telecommunications Carrier to another.
- 1.70. "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.
- 1.71. "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 CenturyLink'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 CenturyLink tariffs. For this purpose, Local Traffic does not include any ISP-Bound Traffic.

- 1.72. "Mobile Wireless Service" means any mobile wireless telecommunications service, including any commercial mobile radio service.
- 1.73. "Multiple Exchange Carrier Access Billing" ("MECAB") refers to the document 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.
- 1.74. "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 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.
- 1.75. "National Emergency Number Association" ("NENA") is an association with a mission to foster the technological advancement, availability and implementation of 911 nationwide.
- 1.76. "Network Element" is as defined in the Act.
- 1.77. "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.
- 1.78. "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.
- 1.79. "NXX," "NXX Code," "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.
- 1.80. "OBF" means the Ordering and Billing Forum, which functions under the

auspices of the CLC of the Alliance for Telecommunications Industry Solutions (ATIS).

- 1.81. "Operator Services" provides for:
  - 1.81.1. operator handling for call completion (e.g., collect calls);
  - 1.81.2. operator or automated assistance for billing after the subscriber has dialed the called number (e.g., credit card calls); and
  - 1.81.3. special services (e.g., BLV/BLI, Emergency Agency Call).
- 1.82. "Outside Cable Duct" shall mean any space located outside the Central Office Building and owned by or under the control of CenturyLink through which CenturyLink runs its cable, conduit or other associated facilities.
- 1.83. "Parity" means, subject to the availability, development and implementation of necessary industry standard Electronic Interfaces, the provision by CenturyLink of services, Network Elements, functionality or telephone numbering resources under this Agreement to US LEC, including provisioning and repair, at least equal in quality to those offered to CenturyLink, its Affiliates or any other entity that obtains such services, Network Elements, functionality or telephone numbering resources. Until the implementation of necessary Electronic Interfaces, CenturyLink shall provide such services, Network Elements, functionality or telephone numbering resources on a non-discriminatory basis to US LEC as it provides to its Affiliates or any other entity that obtains such services, Network Elements, functionality or telephone numbering resources.
- 1.84. "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.
- 1.85. "Parties" means, jointly, CenturyLink and US LEC, and no other entity, affiliate, subsidiary or assign.
- 1.86. "Party" means either CenturyLink or US LEC, and no other entity, affiliate, subsidiary or assign.
- 1.87. "Percent Local Usage" ("PLU") is a calculation which represents the ratio of the local minutes and ISP-Bound traffic to the sum of local, ISP-Bound 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.



- 1.88. "Physical Collocation" is as defined in 47 CFR 51.5.
- 1.89. "Point of Interconnection" ("POI") is the physical point that establishes the technical interface, the test point, and the operational responsibility hand-off between US LEC and CenturyLink for the local interconnection of their networks.
- 1.90. "Premises" is as defined in 47 C.F.R. 51.5.
- 1.91. "Pre-Order Loop Qualification" ("Loop Qualification") is an OSS function that includes supplying loop qualification information to US LECs as part of the Pre-ordering Process. Examples of the type of information provided are:
  - 1.91.1. Composition of the loop material, i.e. fiber optics, copper;
  - 1.91.2. Existence, location and type of any electronic or other equipment on the loop, including but not limited to:
    - 1.91.2.1. Digital Loop Carrier ("DLC") or other remote concentration devices;
    - 1.91.2.2. Feeder/distribution interfaces;
    - 1.91.2.3. Bridge taps;
    - 1.91.2.4. Load coils;
    - 1.91.2.5. Pair gain devices; or
    - 1.91.2.6. Disturbers in the same or adjacent binders.
  - 1.91.3. 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;
  - 1.91.4. Wire gauge or gauges; and
  - 1.91.5. Electrical parameters.
- 1.92. "Proprietary Information" shall have the same meaning as Confidential Information.
- 1.93. "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 CenturyLink or US LEC for its provision of basic exchange Telecommunications Services. The "Rate Center point" is the finite geographic point identified by a specific V&H 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 CenturyLink or US LEC 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.

- 1.94. "Routing Point" means a location which CenturyLink or US LEC has designated on its own network as the homing (routing) point for traffic inbound to basic exchange Services provided by CenturyLink or US LEC 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.
- 1.95. "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.
- 1.96. "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.
- 1.97. "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.
- 1.98. "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.
- 1.99. "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 CenturyLink.
- 1.100. "Switch" means a Central Office Switch as defined in this Part A.
- 1.101. "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).
- 1.102. "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.

- 1.103. "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.
- 1.104. "Technically Feasible" refers solely to technical or operational concerns, rather than economic, space, or site considerations.
- 1.105. "Tier 1" Wire Centers are those CenturyLink 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 CenturyLink Tandem Switching locations that have no line-side switching facilities, but nevertheless serve as a point of traffic aggregation accessible by competitive LECs.
- 1.106. "Tier 2" Wire Centers are those CenturyLink 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.
- 1.107. "Tier 3" Wire Centers are those CenturyLink Wire Centers that are not Tier 1 or Tier 2 Wire Centers.
- 1.108. "Telecommunications" is as defined in the Act.
- 1.109. "Telecommunications Carrier" is as defined in the Act.
- 1.110. "Telecommunications Service" is as defined in the Act.
- 1.111. "Transit Service" means the delivery of Transit Traffic.
- 1.112. "Transit Traffic" means Local Traffic or ISP-Bound Traffic that 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.
- 1.113. "Virtual Collocation" is as defined in 47 C.F.R. 51.5.
- 1.114. "Wholesale Service" means Telecommunication Services that CenturyLink provides at retail to subscribers who are not Telecommunications Carriers as set forth in 47 USC § 251(c)(4) which CenturyLink provides to resellers at a wholesale rate.
- 1.115. "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, including any CenturyLink switches with line-side functionality that terminate loops that are reverse collocated in non-CenturyLink premises, such as collocation hotels. The Wire Center boundaries define the area

in which all customers served by a given Wire Center are located.

- 1.116. "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, Tables One and Two and exhibits, specifies the rights and obligations of each party with respect to the establishment, purchase, and sale of Local Interconnection, resale of Telecommunications Services 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. CenturyLink shall provide notice of network changes and upgrades in accordance with §§ 51.325 through 51.335 of Title 47 of the Code of Federal Regulations. CenturyLink may discontinue any interconnection arrangement, Telecommunications Service, or Network Element provided or required hereunder due to network changes or upgrades after providing US LEC notice as required by this Section. CenturyLink agrees to cooperate with US LEC 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 by CenturyLink to the Commission for approval in accordance with § 252 of the Act within thirty (30) Days after obtaining the last required Agreement signature. CenturyLink and US LEC 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.
- 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 30-Days written notice to the other Party ("Notice Period"), require that the affected provisions of this Agreement be renegotiated in good faith and if the Parties are unable to agree to a mutually acceptable amendment to this Agreement within sixty (60) days after expiration of the Notice Period to reflect the pricing, terms and conditions of each such Amended Rules relating to any of the provisions in this Agreement either Party may request escalation consistent with the Dispute Resolution provisions of this Agreement. If the Parties are unable to reach agreement on an Amendment after escalation, either Party may file with the Commission for resolution.

- 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, or other date, if any specified in the Amended Rules whether such action was commenced before or after the Effective Date of this Agreement. CenturyLink may charge rates to US LEC 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; provided however, CenturyLink must provide CLEC 30-Days notice of such action and CenturyLink's intent to implement the rate adjustment.
- 4.4. In the event that as a result of any effective decision, order, or determination of any judicial or regulatory authority with jurisdiction over the subject matter hereof, CenturyLink determines that it is not required to furnish any service, facility, arrangement, or benefit required to be furnished or provided to US LEC under this Agreement, then CenturyLink may discontinue any service, facility, arrangement, or benefit ("Discontinued Arrangement") to the extent permitted by any such decision, order, or determination by providing sixty (60) days' written notice to US LEC. Immediately upon provision of such written notice to US LEC, US LEC will be prohibited from ordering and CenturyLink will not provide new Discontinued Arrangements.
- 4.5. If CenturyLink enters into an agreement ("the Other Agreement") approved by the Commission pursuant to section 252 of the Act which provides for provision of an interconnection arrangement, service, or network element covered in this Agreement to another requesting Telecommunications carrier, including itself or its affiliate, CenturyLink shall make available to US LEC such interconnection, service, or network element upon the same terms and conditions as those provided in the Other Agreement pursuant to section 252(i) of the Act.

## **5. TERM AND TERMINATION**

- 5.1. This Agreement shall be deemed effective upon the Effective Date first stated above, and continue until June 30, 2011("End Date"), unless earlier terminated in

accordance with this Section 5, provided however that if US LEC has any outstanding past due obligations to CenturyLink, this Agreement will not be effective until such time as any past due obligations with CenturyLink 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 the Effective Date, except as otherwise agreed to in writing by the Parties. No order or request for services under this Agreement shall be processed before US LEC has established a customer account with CenturyLink and has completed the Implementation Plan described in this Agreement. No order or request for services under this Agreement shall be processed before the Effective Date and approval of this agreement by the Tennessee Regulatory Authority.

- 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 may immediately terminate this Agreement in whole or in part if 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. The non-defaulting Party may pursue all available legal and equitable remedies for such breach.
- 5.3. CenturyLink may terminate this Agreement upon ten (10) Days notice if US LEC is not exchanging traffic with CenturyLink or has not submitted orders pursuant to this Agreement within one-hundred-eighty (180) Days of the Effective Date. In addition, CenturyLink reserves the right to terminate this Agreement immediately upon notice from US LEC that it has ceased doing business in this state. In addition to notice from US LEC, CenturyLink may utilize any publicly available information in concluding that US LEC 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 CenturyLink sell or trade substantially all the assets in an exchange or group of exchanges that CenturyLink uses to provide Telecommunications Services, then CenturyLink may terminate this Agreement in whole or in part as to that particular exchange or group of exchanges upon sixty (60) Days prior written notice.

## **6. POST EXPIRATION INTERIM SERVICE ARRANGEMENTS**

- 6.1. No later than one-hundred sixty (160) Days prior to the End Date, US LEC will provide CenturyLink 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 6.1, and the Parties have not executed a successor agreement at the time of expiration, provided the Parties are actually in arbitration or mediation before the Commission or FCC under § 252 of the Act or the Parties have a written agreement to continue negotiations, it is the intent of the Parties to provide in this Section for post-expiration interim service arrangements between the Parties so that service to their respective end users will not be interrupted should a new agreement not be consummated prior to the End Date. Therefore, except in the case of termination as a result of the events under Sections 5.2, 5.3, 5.4 and 5.5, services that had been available under this Agreement, were ordered prior to the End Date and are actually in service as of the End Date may continue uninterrupted after the End Date at the written request of either Party only until the earlier to occur of (i) the Parties execute a successor agreement, or (ii) the issuance of an order, whether a final non-appealable order or not, 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 that on the End Date the Parties have not executed a successor agreement and Section 6.2 does not apply, CenturyLink 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; or
  - 6.3.2. An existing agreement between CenturyLink and another carrier adopted by US LEC for the remaining term of that agreement. If US LEC fails to designate an agreement under this subsection, then CenturyLink may designate such agreement.

## **7. CHARGES AND PAYMENT**

- 7.1. In consideration of the services provided under this Agreement, the Parties 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 hereunder are set forth in Part K.
- 7.2. Subject to the terms of this Agreement, the Parties shall pay the undisputed portion of the invoices within thirty (30) Days from the Bill Date shown on the invoice. For invoices not paid when due, late payment charges will be assessed under Section 7.4. If the payment due date is a Saturday, Sunday or a designated bank holiday, payment shall be made the next business day.



- 7.2.1. If an invoice is not paid within sixty (60) Days after the bill date, the billing Party will suspend processing new orders and cancel any pending orders.
- 7.2.2. If the account remains delinquent ninety (90) Days after the bill date, the billing Party will terminate all services under this Agreement; provided the billing Party complies with Applicable Rules concerning discontinuing service.
- 7.3. 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 submitted on the dispute form to the National Dispute Center, or appropriate equivalent center no later than the due date of the related-invoice. A copy of the dispute must be sent with the remittance of the remainder of the invoice. In addition, after payment of an invoice and Subject to the requirements of Applicable Rules, notice of a dispute may be given by a Party at any time, either before or after an amount is paid, and a Party's payment of an amount shall not constitute a waiver of such Party's right to subsequently dispute its obligation to pay such amount or to seek a refund of any amount paid.
- 7.4. Late payment charges will be assessed until the amount due is paid in full. Such late payment charges will be calculated using a rate equal to the lesser of
  - 7.4.1. 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 invoiced Party actually makes the payment to the billing Party, or
  - 7.4.2. 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 the invoiced Party actually makes the payment to the billing Party.
- 7.5. CenturyLink reserves the right to secure the account with a suitable form of security deposit in accordance with Section 36.

## **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 the 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 7.4 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. US LEC acknowledges that its right under this Agreement for Local Interconnection with CenturyLink's network and to unbundled and/or combine CenturyLink's Network Elements may be subject to or limited by intellectual property rights and contract rights of third Parties. CenturyLink agrees to use its best efforts to obtain for US LEC, third party intellectual property rights, under commercially reasonable terms, to each unbundled Network Element necessary for US LEC to use such unbundled Network Element in the same manner as CenturyLink.
- 9.3. CenturyLink shall have no obligations to attempt to obtain for US LEC any third party intellectual property right(s) that would permit US LEC to use any unbundled Network Element in a different manner than used by CenturyLink.
- 9.4. To the extent not prohibited by a contract with the vendor of the Network Element sought by US LEC that contains intellectual property licenses, CenturyLink shall reveal to US LEC the name of the vendor, the intellectual property rights licensed to CenturyLink under the vendor contract and the terms of the contract (excluding cost terms). CenturyLink shall, at US LEC's request, contact the vendor to attempt to obtain permission to reveal additional contract details to US LEC.
- 9.5. All costs associated with the extension of third party intellectual property rights to US LEC pursuant to Section 9.2, 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 US LEC using that unbundled Network Element including CenturyLink.
- 9.6. CenturyLink hereby conveys no licenses to use such third party intellectual property rights and makes no warranties, express or implied, concerning US LEC'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 US LEC'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 CenturyLink agrees in Section 9.2 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 CenturyLink's liability to US LEC 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. US LEC shall indemnify and hold harmless CenturyLink from all claims by US LEC's subscribers.
- 11.3. CenturyLink shall indemnify and hold harmless US LEC from all claims by CenturyLink'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 US LECs 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. US LEC shall provide the exclusive interface to US LEC subscribers, except as US LEC shall otherwise specify for the reporting of trouble or other matters identified by US LEC for which CenturyLink may directly communicate with US LEC subscribers. In those instances where US LEC requests that CenturyLink personnel interface with US LEC subscribers, such CenturyLink personnel shall inform US LEC subscribers that they are representing US LEC, or such brand as US LEC may specify.

12.2. Other business materials furnished by CenturyLink to US LEC 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. CenturyLink shall share pertinent details of CenturyLink's training approaches related to branding with US LEC to be used by CenturyLink to assure that CenturyLink meets the branding requirements agreed to by the Parties.

12.5. This Section 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. 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.
- 14.3. Recipient shall have no obligation to safeguard Confidential 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 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 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. 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 US LEC or CenturyLink 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 US LEC 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 CenturyLink:	Contract Management CenturyLink KSOPKJ0201-208 5454 West 110 <sup>th</sup> Street	If to US LEC:     Attn: Julia Redman- Carter Carrier Relations
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Overland Park, KS 66211

Manager  
One Marthas Way  
Hiawatha, IA 52233

With a  
copy to:

With a  
copy to:

Vice President – Vendor  
Relations  
600 Willowbrook Office  
Park  
Fairport, NY 14450

- 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.

## **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 4.4 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 CenturyLink, CenturyLink agrees to resume performance in a nondiscriminatory manner and not favor its own provision of Telecommunications Services above that of US LEC.

## **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. 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 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 or court of competent jurisdiction as may be applicable.

## **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. 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.
- 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. Notwithstanding the foregoing, the purchasing Party shall remain liable for any such taxes and fees regardless of whether they are actually billed by the providing Party at the time that the respective service is billed.
  - 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, or any such tax or fee that was not billed by the providing Party, the purchasing Party may contest the same in good faith, at its own expense. In any such contest, the purchasing Party shall promptly furnish the providing Party with copies of all filings in any proceeding, protest, or legal challenge, all rulings issued in connection therewith, and all correspondence between the purchasing Party and the 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, the purchasing Party shall pay such additional amount, including any interest and penalties thereon.
  - 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.

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. Notwithstanding the foregoing, the purchasing Party shall remain liable for any such taxes and fees regardless of whether they are actually billed by the providing Party at the time that the respective service is billed.

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.

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. 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.

## **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, CenturyLink and US LEC 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. 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 B Section 24.

### **33. FEDERAL JURISDICTIONAL AREAS**

- 33.1. To the extent CenturyLink has contracts with federal entities that limit or prohibit the ability of US LEC to provide Interconnection, Network Elements, resale of Telecommunications Services or other services to such federal entities, such contracts will govern telecommunications services relative to such federal entities. Notwithstanding the foregoing, unless CenturyLink's contracts with such federal entities grant CenturyLink exclusive rights to provide telecommunications services to such federal entities, CenturyLink will provide US LEC with Interconnection, Network Elements, resale of Telecommunications Services and other services relative to such federal entities such that US LEC may compete with CenturyLink for providing telecommunications services to such federal entities.

## 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, either through resale of local service or the lease of the Local Loop as an Unbundled Network Element, and CenturyLink receives a good faith request for service from a customer at the same premise or from another Telecommunications Carrier with the appropriate customer authorization, the procedures below will apply.
  - 34.1.1. CenturyLink will process such orders and provision services consistent with the terms contained in Section 71, of this Agreement.
  - 34.1.2. Where US LEC is using a single facility to provide service to multiple end user customers, CenturyLink will not disconnect that facility as a result of the following procedures.
  - 34.1.3. CenturyLink 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
    - 34.1.4.1. 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), CenturyLink will process the service request without delay, and provide the losing competitive LEC a customer loss notification consistent with industry standards.
  - 34.1.5. Customer with Existing Service Adding New Service
    - 34.1.5.1. 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.
  - 34.1.6. Customer Requesting New Service where Previous Customer has Abandoned Service
    - 34.1.6.1. The following applies 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 and neither CenturyLink nor the previous local service provider are aware that the original end user customer has abandoned the service in place.



- 34.1.6.2. When a carrier requests service at a location and marks the order as abandoned and US LEC is the previous local service provider, CenturyLink shall notify US LEC via fax that it has had a request for service at the premise location that is currently being served by US LEC;
- 34.1.6.3. If available to CenturyLink, CenturyLink shall include the name and address of the party receiving service at such locations, but at a minimum shall provide local service address location information;
- 34.1.6.4. If US LEC does not respond within twenty-four (24) business hours after receiving CenturyLink's notification or if US LEC responds relinquishing the facilities, CenturyLink shall be free to use the facilities in question and CenturyLink shall issue a disconnect order with respect to US LEC service at that location. If US LEC responds stating that the service is working and should not be disconnected, CenturyLink 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 Service Resale
  - 35.3.1. The rates that US LEC shall pay to CenturyLink for Local Resale are as set forth in Table One of this Agreement and shall be applied consistent with the provisions of Part D of this Agreement.
- 35.4. Unbundled Network Elements
  - 35.4.1. The charges that US LEC shall pay to CenturyLink for Unbundled Network Elements are set forth in Table One of this Agreement.
- 35.5. Collocation
  - 35.5.1. The charges that US LEC shall pay to CenturyLink for Collocation are set forth in Table Two of this Agreement.
- 35.6. Call Related Databases
  - 35.6.1. The charges that US LEC shall pay to CenturyLink for Call Related Databases purchased pursuant to Part J are set forth in Table One of this

Agreement.

**36. SECURITY DEPOSIT**

- 36.1. CenturyLink 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 CenturyLink and all ILEC affiliates of CenturyLink. A payment is not considered current in any month if it is made more than thirty (30) Days after the bill 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 CenturyLink.
- 36.3. If a security deposit is required in accordance with section 36.1 on a new account, US LEC will remit such security deposit prior to inauguration of service. If a security deposit is requested for an existing account, payment of the security deposit will be made prior to acceptance by CenturyLink of additional orders for service.
- 36.4. The security deposit shall be two (2) months' estimated billings as calculated by CenturyLink, or twice the most recent month's invoices from CenturyLink 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 US LEC from complying with CenturyLink'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 CenturyLink for the discontinuance of service for non-payment of any sums due CenturyLink.
- 36.6. CenturyLink may increase the security deposit requirements when, in CenturyLink's reasonable judgment, changes in US LEC's financial status so warrant and/or gross monthly billing has increased beyond the level initially used to determine the security deposit. If payment of the additional security deposit amount is not made within 30 days of the request, CenturyLink may stop processing orders for service and US LEC will be considered in breach of the Agreement.
- 36.7. Any security deposit shall be held by CenturyLink as a guarantee of payment of any charges for carrier services billed to US LEC. CenturyLink may exercise its right to credit any cash deposit to US LEC'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 US LEC undisputed balances due to CenturyLink that are more than thirty (30) Days past due; or
  - 36.7.2. when US LEC files for protection under the bankruptcy laws; or
  - 36.7.3. when an involuntary petition in bankruptcy is filed against US LEC and is

not dismissed within sixty (60) Days;

36.7.4. when this Agreement expires or terminates;

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

36.7.6. US LEC fails to provide CenturyLink 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 CenturyLink 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. No interest will accrue or be paid on deposits. Cash or cash equivalent security deposits will be credited to US LEC's account when US LEC has made current payments for carrier services to CenturyLink and all CenturyLink ILEC affiliates for twelve (12) consecutive months.

36.9. Any letter of credit issued to CenturyLink 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 US LEC proposes that the letter of credit be issued by a bank that is not so rated by Standard & Poors or Moody's, then US LEC must obtain the prior written approval of such bank by CenturyLink.

36.9.2. The original letter of credit shall be in such form and on terms that are acceptable to CenturyLink and must include an automatic one-year extension.

36.9.3. If US LEC receives notice from the Letter of Credit Bank of any non-renewal of a letter of credit issued hereunder, then US LEC shall promptly notify CenturyLink of such notice of non-renewal. Not later than 10 business days prior to the expiration of the expiring letter of credit, US LEC shall provide CenturyLink a replacement letter of credit on substantially identical terms to the expiring letter of credit (or such other terms as are acceptable to CenturyLink). If US LEC provides a replacement letter of credit not later than 10 business days prior to the expiration of the expiring letter of credit, then CenturyLink 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, CenturyLink will provide the original, expiring letter of credit to US LEC.

36.9.4. If US LEC desires to replace any letter of credit issued to CenturyLink 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 36.

## **PART D - LOCAL RESALE**

### **37. TELECOMMUNICATIONS SERVICES PROVIDED FOR RESALE**

37.1. At the request of US LEC, and pursuant to the requirements of the Act, and FCC and Commission Rules and Regulations, CenturyLink shall make available to US LEC for resale Telecommunications Services that CenturyLink currently provides or may provide hereafter at retail to subscribers who are not Telecommunications Carriers. Such resale may be as allowed by the FCC and Commission. The Telecommunications Services provided by CenturyLink to US LEC pursuant to this Part D are collectively referred to as "Local Resale." To the extent that this Part describes services which CenturyLink shall make available to US LEC for resale pursuant to this Agreement, this list of services is neither all inclusive nor exclusive.

### **38. GENERAL TERMS AND CONDITIONS**

38.1. The prices charged to US LEC for Local Resale are the CenturyLink tariff retail prices, discounted as set forth in Part C of this Agreement.

#### **38.1.1. Voluntary Federal and State Subscriber Financial Assistance Programs**

38.1.1.1. Subsidized local Telecommunications Services are provided to low-income subscribers pursuant to requirements established by the appropriate state regulatory body, and include programs such as Voluntary Federal Subscriber Financial Assistance Program and Link-Up America. Voluntary Federal and State Subscriber Financial Assistance Programs are Services that are available at wholesale discount, but only to the extent required by the Tennessee Regulatory Authority. However, when a CenturyLink subscriber who is eligible for such a federal program or other similar state program chooses to obtain Local Resale from US LEC and US LEC serves such subscriber via Local Resale, CenturyLink shall identify such subscriber's eligibility to participate in such programs to US LEC in accordance with the procedures set forth herein.

38.1.2. Grandfathered Services. CenturyLink will make any service grandfathered to an end user or any Individual Case Basis ("ICB") service available to Carrier for resale to that same end-user at the same locations(s). Should CenturyLink discontinue any grandfathered or ICB service, CenturyLink will provide to Carrier any legally required notices as soon as practicable and at least equal in quality and timeliness to that which is provided to CenturyLink's own customer, prior to the effective date of changes in or discontinuation of any product or service that is available for resale under this subsection.

- 38.1.3. CenturyLink shall offer for resale all of its Telecommunications Services available at retail to subscribers who are not Telecommunications Carriers, including but not limited to Contract Service Arrangements (or ICB), Special Arrangements (or ICB), and Promotions in excess of ninety (90) Days, all in accordance with FCC and Commission Rules and Regulations. For Contract Service Arrangements, Special Arrangements, or ICBs, the end-user customer's agreement with CenturyLink will terminate and any applicable termination liabilities will be charged to the end-user customer. The terms of the Contract Service Arrangement, Special Arrangement or ICB will apply commencing on the date US LEC commences to provide service to the end-user customer and ending on the end date of the Contract Service Arrangement, Special Arrangement or ICB. CenturyLink will apply the rate in the Contract Service Arrangement, Special Arrangement or ICB in accordance with section 38.1.
- 38.1.4. Customer Owned Coin Operated Telephone (COCOT) or Pay Telephone Access lines will not be resold to payphone service providers at wholesale prices under this Agreement.
- 38.1.5. For Telecommunications Services that are offered by CenturyLink to its end users and that are available for resale, the rules and regulations associated with CenturyLink's retail tariff(s) shall apply when the services are resold by US LEC. Use limitations shall be in parity with services offered by CenturyLink to its end users.
- 38.1.6. Except as set forth above and as may be allowed by the FCC or Commission, CenturyLink shall not place conditions or restrictions on US LEC's resale of wholesale regulated Telecommunications Services, except for restrictions on the resale of residential service to other classifications (e.g., residential service to business customers) and for promotions of ninety (90) Days or less in length. In addition, US LEC shall be prohibited from marketing its products using the CenturyLink product name (e.g., US LEC may purchase the features package called "CenturyLink Essential" but shall be prohibited from reselling this product using the CenturyLink brand name or the CenturyLink product name). Every regulated retail service rate, including promotions over ninety (90) Days in length, discounts, and option plans will have a corresponding wholesale rate. CenturyLink will make wholesale Telecommunications Service offerings available for all new regulated services at the same time the retail service becomes available.
- 38.1.7. Voice Mail/Message Line will be made available a retail (tariffed) rates.
- 38.1.8. Hospitality Service. CenturyLink shall provide all blocking, screening, and all other applicable functions available for hospitality lines under tariff.
- 38.1.9. LIDB Administration

- 38.1.9.1. CenturyLink shall maintain customer information for US LEC customers who subscribe to resold CenturyLink local service dial tone lines, in CenturyLink's LIDB in the same manner that it maintains information in LIDB for its own similarly situated end-user subscribers. CenturyLink shall update and maintain US LEC information in LIDB on the same schedule that it uses for its own similarly situated end-user subscribers.
- 38.1.9.2. Until such time as CenturyLink's LIDB has the software capability to recognize a resold number as US LEC's, CenturyLink shall store the resold number in its LIDB at no charge and shall retain revenue for LIDB look-ups to the resold number.
- 38.1.10. CenturyLink will continue to provide Primary Interexchange Carrier ("PIC") processing for end-users obtaining resold service from US LEC. CenturyLink will bill and US LEC will pay any PIC change charges. CenturyLink will only accept said requests for PIC changes from US LEC and not from US LEC's end users.
- 38.2. In the case of resold services, US LEC's customers will continue to received any discontinued service or arrangement for resale to its customers for as long as CenturyLink continues to provide those same services to its own customers.

## **PART E - NETWORK ELEMENTS**

### **39. GENERAL**

- 39.1. Pursuant to the following terms, CenturyLink will unbundle and separately price and offer Unbundled Network Elements ("UNEs"). US LEC shall pay CenturyLink each month for the UNEs provisioned and as invoiced by CenturyLink, and shall pay the non-recurring charges listed in Table One or agreed to by the Parties once invoiced by CenturyLink. It is US LEC's obligation to combine CenturyLink-provided UNEs with any facilities and services that US LEC may itself provide. CenturyLink will continue to offer the UNEs enumerated below 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 of this Agreement subject to sections 44, 46 and 49.

### **40. USE OF UNBUNDLED NETWORK ELEMENTS**

- 40.1. CenturyLink shall offer UNEs to US LEC for the purpose of offering Telecommunications Service to US LEC subscribers. CenturyLink shall, except as otherwise provided for under this Agreement, not impose limitations, restrictions, or requirements on requests for, or for the use of, UNEs for the Telecommunications Service US LEC seeks to offer. CenturyLink shall offer UNEs to US LEC on an unbundled basis at any technically feasible point in the CenturyLink network at rates, terms and conditions that are just, reasonable, and non-discriminatory in accordance with the terms and conditions of this Agreement.
- 40.2. US LEC 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 US LEC's obligation to combine CenturyLink provided UNEs with any and all facilities and services whether provided by CenturyLink, US LEC, or any other party. US LEC may Commingle UNEs with Wholesale Services or tariffed Access Services obtained from CenturyLink as provided for in this Agreement.
- 40.3. Each UNE provided by CenturyLink to US LEC shall be at Parity with the quality of design, performance, features, functions, capabilities and other characteristics, that CenturyLink provides to itself, CenturyLink's own subscribers, to a CenturyLink Affiliate or to any other Telecommunications Carrier requesting access to that UNE.
- 40.4. Prior to submitting an order pursuant to this Agreement, US LEC will undertake a reasonably diligent inquiry to determine whether US LEC is entitled to unbundled access to such UNEs. By submitting any such order US LEC self-certifies that to the best of US LECs knowledge at the time of ordering, that these requirements are met for each UNE ordered.
- 40.4.1. Any combination of unbundled high capacity loops (DS1, DS3), to the extent



available, with special access transport (DS1, DS3) or UNE dedicated transport (DS1,DS3), to the extent available, both of which are provided by CenturyLink is subject to the EEL use restrictions is section 52.4.4. Any combination of special access channel terminations (DS1, DS3), to the extent available, with UNE dedicated transport (DS1, DS3), to the extent available, both of which are provided by CenturyLink is subject to the EEL use restrictions is section 52.4.4. Such restriction applies only where CenturyLink combines the facilities

40.4.2. US LEC may not access a UNE for the exclusive provision of Mobile Wireless Service. Facilities connecting CenturyLink's network and a Mobile Wireless Service provider's network do not qualify as UNEs and will not be available to US LEC as UNEs.

40.4.3. US LEC can use UNEs provided by CenturyLink to provide Local Exchange Service. US LEC can also use a UNE for the provision of interexchange and information services to the extent US LEC is also providing local exchange services over the same UNE.

40.4.4. For purposes of this section, interconnection facilities and equipment provided pursuant to 47 U.S.C. § 251(c)(2) are not UNEs provided pursuant to 47 U.S.C. 251(c)(3) and nothing in this Agreement is intended to impair or limit US LEC's rights to obtain access to 251(c)(2) Interconnection Facilities subject to Sections 44.6.4, 44.7.4, 49.2.3 and 49.3.3.

40.4.5. US LEC can use Loops to provide xDSL services in accordance with this Agreement.

#### **41. BONA FIDE REQUEST PROCESS**

41.1. CenturyLink shall promptly consider and analyze US LEC requests for UNEs included in this Agreement and combinations that are not currently developed by CenturyLink, network information that is reasonably required to determine what UNEs it needs to serve a particular customer or development of and changes to CenturyLink work processes related to ordering, provisioning or installation of UNEs with the submission of a Bona Fide Request ("BFR") hereunder.

41.2. A BFR shall be submitted in writing on the CenturyLink Standard BFR Form and shall include a clear technical description of each request.

41.3. US LEC may cancel a BFR at any time, but shall pay all reasonable and demonstrable costs of processing and/or implementing the BFR up to the date of cancellation.

41.4. Within ten (10) calendar days of its receipt, the CenturyLink shall acknowledge receipt of the BFR.

41.5. Except under extraordinary circumstances, within thirty (30) calendar days of its receipt of a BFR, the CenturyLink shall provide to US LEC a preliminary analysis of such BFR. If applicable, the preliminary analysis shall confirm whether CenturyLink will offer access to the UNE, including whether it is technically or operationally

feasible.

- 41.6. Upon receipt of the preliminary analysis, US LEC shall, within thirty (30) calendar days, notify CenturyLink, in writing, of its intent to proceed or not to proceed.
- 41.7. CenturyLink shall promptly proceed with the BFR upon receipt of written authorization from US LEC. When it receives such authorization, CenturyLink shall promptly develop the requested services, determine their availability, calculate the applicable prices and establish installation intervals.
- 41.8. As soon as feasible, but not more than ninety (90) calendar days after its receipt of authorization to proceed with developing the BFR, CenturyLink shall provide to US LEC a BFR Quote which will include, at a minimum, a description of each service, the availability, the applicable rates and the installation intervals.
- 41.9. Within thirty (30) calendar days of its receipt of the BFR Quote, US LEC 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.
- 41.10. 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.

#### **42. INDIVIDUAL CASE BASIS PRICING**

- 42.1. Individual Case Basis (ICB) pricing will be provided by CenturyLink upon request from US LEC for customer specific rates or terms for network services and features for UNEs that are not otherwise provided for in this Agreement.
- 42.2. CenturyLink will process ICB Pricing requests upon receipt from US LEC. CenturyLink will provide US LEC 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.

#### **43. NETWORK INTERFACE DEVICE**

- 43.1. CenturyLink 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 or sub-loop to end-user customer premises wiring, regardless of the specific mechanical design.
- 43.2. The function of the NID is to establish the network Demarcation Point between a LEC (ILEC/US LEC) 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.

- 43.3. US LEC may connect its NID to CenturyLink's NID; may connect an unbundled loop to its NID; or may connect its own Loop to CenturyLink's NID. CenturyLink will provide one NID termination with each loop. If additional NID terminations are required, US LEC may request them pursuant to the process detailed in the Bona Fide Request Section herein.
- 43.4. CenturyLink will provide US LEC with information that will enable their technician to locate end user inside wiring at NIDs terminating multiple subscribers. CenturyLink will dispatch a technician and tag the wiring at US LEC's request. In such cases the charges specified in Table One will apply.
- 43.5. CenturyLink will not provide specialized (CenturyLink non-standard) NIDS.
- 43.6. The CenturyLink NID shall provide a clean, accessible point of connection for the inside wiring and for the distribution media and/or cross connect to US LEC'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.
- 43.7. When requested, CenturyLink will provide NIDs separately from loops for a separate price as shown in Table One. A NID will be provided with each unbundled loop and is included in the loop pricing shown in Table One.

#### **44. LOOP**

- 44.1. CenturyLink will provide US LEC access to Local Loops as defined in Part A including Copper Loops, DS1 Loops, DS3 Loops, Hybrid Loops, FTTC Loops and 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 US LEC's request for Local Loops is contained in Section 53.
- 44.2. At US LEC's request, and if technically feasible, CenturyLink 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 shall be at parity with the testing capability CenturyLink provides to itself and its affiliates. Optional Cooperative Testing and Joint Testing are performed only upon US LEC's request. To the extent US LEC requests testing that would require CenturyLink to purchase new equipment, establish new procedures, or make systems modifications, US LEC will compensate CenturyLink for costs incurred to provide such testing. Request for additional testing must be submitted pursuant to the BFR Process in section 41.
  - 44.2.1. Basic Testing shall include simple metallic measurements only, performed by accessing the loop through the voice switch. Basic Testing does not include cooperative or joint testing efforts that require CenturyLink's technician to work jointly with US LEC's staff ("Cooperative Testing or Joint Testing").
  - 44.2.2. Cooperative Testing will be provided on service order activity only and will

be provided by CenturyLink at US LEC's expense, when requested. CenturyLink technicians will try to contact US LEC's representative at the toll-free number provided to CenturyLink at the conclusion of installation. If US LEC does not respond within 3 minutes, CenturyLink may, in its sole discretion, abandon the test and US LEC will be charged for the test.

44.2.3. Joint Testing is provided on maintenance activity only and will be provided by CenturyLink at US LEC's expense, when requested. CenturyLink technicians will try to contact US LEC's representatives at the toll-free number provided to CenturyLink to initiate Joint Testing after completing the requested activity. If US LEC does not respond within 3 minutes, CenturyLink may, in its sole discretion, abandon the test and US LEC will be charged for the test. Loops involving multiplexing prohibits the reading of a short.

44.2.4. CenturyLink will charge US LEC at the rates set out on Table One, when the location of the trouble on a US LEC-reported ticket is determined to be in US LEC's network or on US LEC end user's side of the Demarcation Point.

#### 44.3. Analog Loop Capabilities

44.3.1. 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 US LEC's end user's premises. US LEC shall not install equipment on analog Loops that exceeds the specified bandwidth.

44.3.2. CenturyLink will provide analog Loops as Copper Loops, Hybrid Loops, and where required, FTTH Loops and FTTC Loops, based on available facilities.

44.3.3. CenturyLink will provide routine network modifications as contained in Section 52.

#### 44.4. Digital Loops

44.4.1. CenturyLink will provide digital Loops on the basis of the service that will be provisioned over the Loop. Digital Loops are Copper Loops over which US LEC may deploy advanced services. Deployment of advanced services over digital loops by US LEC will be consistent with the terms and conditions contained in Section 44.8. On digital Loops, CenturyLink will only provide electrical continuity and line balance.

44.4.2. CenturyLink 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.

44.4.3. Reverse ADSL Loops. If a US LEC's ADSL Transmission Unit (including those integrated into DSLAMs) is attached to CenturyLink'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 CenturyLink host or remote central office must be a facility dedicated to ADSL transmission only and not part of CenturyLink's regular feeder or distribution plant.

#### 44.5. Non-Standard Digital Loops

- 44.5.1. If US LEC requests a digital Loop, for which the effective loop length exceeds the xDSL standard of 18 kft (subject to gauge design used in an area), CenturyLink will only provide a Non-Standard Digital Loop. Additional non-recurring charges for conditioning will apply. Non-Standard Digital Loops will not be subject to performance measurements or technical specifications, however, all of the SMC requirements set forth in Section 44.4 are applicable.

#### 44.6. DS1 Loops

- 44.6.1. Subject to the cap in Section 44.6.2, CenturyLink will provide US LEC 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. 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.
- 44.6.2. US LEC may obtain a maximum of ten unbundled DS1 loops to any single building in a Wire Center in which DS1 loops are available as unbundled loops.
- 44.6.3. US LEC agrees that the Wire Centers that CenturyLink has identified as exceeding the threshold requirements in Section 44.6.1 as of March 11, 2005 and as of the date of this Agreement are listed on Exhibit A, which is attached hereto and incorporated hereby. US LEC agrees that CenturyLink is not required to provide unbundled DS1 Loops in the Wire Centers listed in Exhibit A pursuant to Sections 44.6.1 and 44.6.2. And that US LEC may not obtain new DS1 Loops as UNEs.
- 44.6.4. If CenturyLink identifies Wire Centers in addition to those listed on Exhibit A that exceed the threshold set forth in 47 C.F.R. § 51.319(a)(4)(i) ("DS1 Threshold"), CenturyLink will provide US LEC notice in accordance with the notice provisions of this Agreement. Except as permitted pursuant to Section 44.6.4.2 and subject to the Dispute Resolution section of this Agreement, US LEC shall not be able to order new DS1 loops for the identified wire centers 30 days after the date of the notice.
- 44.6.4.1. If any carrier has disputed a wire center designation and the dispute was resolved by the Commission, the parties will abide by the Commission's decision.
- 44.6.4.2. If US LEC disputes CenturyLink's identification of a wire center as meeting the DS1 Threshold, US LEC may order DS1 Loops

during the pendency of the dispute if US LEC self-certifies in writing prior to ordering the DS1 Loop that, US LEC has undertaken a reasonably diligent inquiry and, based on that inquiry, US LEC states that the requested DS1 Loop is not at any location within the service area of a wire center containing 60,000 or more Business Lines and four or more Fiber-based Collocators. For purposes of this section, US LEC's submission of a single letter or form acceptable to CenturyLink per wire center, shall be deemed as US LEC self-certifying that the DS1 Loop requested is available in the service area of that wire center.

44.6.4.2.1. If US LEC orders a DS1 Loop during the dispute and CenturyLink prevails in the dispute, US LEC will immediately transfer the DS1 Loop to an alternative access service and true-up the charges to the applicable access rates.

44.6.4.3. Any DS1 loops that US LEC is leasing from CenturyLink on the date of the notice within an identified Wire Center shall be available for a 12-month period from the date of the notice at a rate equal that is 115% of rate US LEC paid on the date of the notice; provided, however, if US LEC disputes the wire center designation and US LEC prevails, CenturyLink shall true-up the charges from the date of the notice to a rate equal of the rate US LEC paid on the date of the notice, or any new effective rate adopted by the Commission and implemented between the Parties, or a combination of the two rates based on the effective dates of the rates. In the event that the dispute has not been resolved by the end of the 12-month period, the Parties will work together to establish a mutually agreed upon UNE conversion process to address the issue of true-up and conversion back to UNE in the event US LEC prevails in the dispute.

#### 44.7. DS3 Loops

- 44.7.1. Subject to the cap in Section 44.7.2, CenturyLink will provide US LEC 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.
- 44.7.2. US LEC may obtain a maximum of a single unbundled DS3 loop to any single building in which DS3 loops are available as unbundled loops. If US LEC has more than one DS3 loops to a single building US LEC will transition any DS3 loops in excess of one to another service within 90 days.
- 44.7.3. US LEC agrees that the Wire Centers that CenturyLink has identified as exceeding the threshold requirements in Section 44.6.1 as of March 11,

2005 and as of the date of this Agreement are listed on Exhibit A, which is attached hereto and incorporated hereby. US LEC agrees that CenturyLink is not required to provide unbundled DS3 Loops in the Wire Centers listed in Exhibit A pursuant to Sections 44.7.1 and 44.7.2. And that US LEC may not obtain new DS3 Loops as UNEs.

- 44.7.4. If CenturyLink identifies Wire Centers in addition to those listed on Exhibit A that exceed the threshold set forth in 47 C.F.R. § 51.319(a)(5)(i) ("DS3Threshold"), CenturyLink will provide US LEC notice in accordance with the notice provisions of this Agreement. Except as permitted pursuant to Section 44.7.6 and subject to the Dispute Resolution section of this Agreement, US LEC shall not be able to order new DS3 loops for the identified wire centers 30 days after the date of the notice.
- 44.7.5. If any carrier has disputed a wire center designation and the dispute was resolved by the Commission, the parties will abide by the Commission's decision.
- 44.7.6. If US LEC disputes a wire center identified by CenturyLink as meeting the DS3 Loop Threshold, US LEC may order DS3 Loops during the pendency of the dispute if US LEC self-certifies in writing prior to ordering the DS3 Loop that, US LEC has undertaken a reasonably diligent inquiry and, based on that inquiry, US LEC certifies that the requested DS3 Loop is not at any location within the service area of a wire center containing 38,000 or more Business Lines and four or more Fiber-based Collocators. For purposes of this section, the submission of an order by US LEC for a DS3 Loop shall be deemed as US LEC self-certifying that the DS3 Loop is available in the service area of a wire center.
  - 44.7.6.1 If US LEC orders a DS3 Loop during the dispute and CenturyLink prevails in the dispute, US LEC will immediately transfer the DS3 Loop to an alternative access service and true-up the charges to the applicable access rates.
  - 44.7.6.2 Any DS3 loops that US LEC is leasing from CenturyLink on the date of the notice within an identified Wire Center shall be available for a 12-month period from the date of the notice at a rate equal that is 115% of rate US LEC paid on the date of the notice; provided, however, if US LEC disputes the wire center designation and US LEC prevails, CenturyLink shall true-up the charges from the date of the notice to a rate equal of the rate US LEC paid on the date of the notice or any new effective rate adopted by the Commission or a combination of the two rates based on the effective dates of the rates. In the event that the dispute has not been resolved by the end of the 12-month period, the Parties will work together to establish a mutually agreed upon UNE conversion process to address the issue of

true-ups or rates and conversion back to UNE in the event US LEC prevails in the dispute.

**44.8. Adherence to National Industry Standards**

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

44.8.2. 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:

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

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

44.8.2.3. Has been successfully deployed by any Telecommunications Carrier without significantly degrading the performance of other services.

44.8.2.4. Where US LEC seeks to establish that deployment of a technology falls within the presumption of acceptability under paragraph 44.8.2.3, the burden is on US LEC 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.

44.8.3. 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.

44.8.4. When the only degraded service itself is a known disturber and the newly deployed technology is presumed acceptable pursuant to Section 44.8.2, the



degraded service shall not prevail against the newly deployed technology.

44.8.5. If CenturyLink denies a request by US LEC to deploy a technology, it will provide detailed, specific information providing the reasons for the rejection.

44.8.6. 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, US LEC will upgrade its equipment to the adopted standard within sixty (60) Days of the standard being adopted.

44.8.7. US LEC shall meet the power spectral density requirement given in the respective technical references listed below:

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

44.8.7.2. 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.

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

44.8.7.4. As an alternative to Section 44.8.7.1, US LEC 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.

44.9. Information to be Provided for Deployment of Advanced Services

44.9.1. Upon request, CenturyLink shall provide to US LEC:

- 44.9.1.1. information with respect to the spectrum management procedures and policies that CenturyLink uses in determining which services can be deployed;
- 44.9.1.2. information with respect to the rejection of US LEC's provision of advanced services, together with the specific reason for the rejection; and
- 44.9.1.3. information with respect to the number of loops using advanced services technology within the binder and type of technology deployed on those loops.

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

- 44.9.2.1. 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;
- 44.9.2.2. the SMC (i.e. PSD mask) of the service it seeks to deploy, at the time of ordering and if US LEC requires a change in the SMC of a particular loop, US LEC shall notify CenturyLink in writing of the requested change in SMC (via a service order);
- 44.9.2.3. to the extent not previously provided US LEC must disclose to CenturyLink every SMC that US LEC has implemented on CenturyLink's facilities to permit effective Spectrum Management.

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

- 44.10.1.1 When US LEC requests access to a Hybrid Loop for the provision of broadband service, CenturyLink will provide US LEC, on an unbundled basis, with non-discriminatory access to the time division multiplexing features, functions, and capabilities of that Hybrid Loop, including DS1 and DS3 capacity, to the extent available under this Agreement, to establish a complete transmission path between CenturyLink's Central Office and US LEC end user's premises. This access shall include access to all features, functions, and capabilities of the hybrid loop that are not used to transmit packetized information.

#### 44.11. Fiber Loops

##### 44.11.1. Dark fiber loops

- 44.11.1.1. Dark fiber is an optical transmission facility without attached multiplexing, aggregation or other electronics. Dark fiber is unactivated fiber optic cable, deployed by CenturyLink, that has not been activated through connections to optronics that light it, and thereby render it capable of carrying communications.
- 44.11.1.2. CenturyLink is not required to provide US LEC with access to dark fiber loop on an unbundled basis.
- 44.11.1.3. For an 18-month period beginning on March 11, 2005, any dark fiber loop UNEs that US LEC leases from CenturyLink as of March 11, 2005 shall be available for lease from CenturyLink 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. US LEC may not obtain new dark fiber loops as UNEs.
- 44.11.1.4. US LEC must submit the necessary orders to convert these UNEs to an alternative service arrangement within eighteen months of March 11, 2005. CenturyLink will issue a credit to US LEC for the service order/conversion charge in Table One for orders submitted prior to December 11, 2005. By September 10, 2006, US LEC must transition the UNEs to alternative facilities or arrangements. If US LEC fails to submit the necessary orders, CenturyLink will convert the dark fiber Loops to comparable Access Services. CenturyLink will assess the conversion charge and a management fee for the work performed by CenturyLink on behalf of US LEC.

#### 44.12. FTTH and FTTC Fiber Loops

- 44.12.1. New builds. CenturyLink will not provide non-discriminatory access to FTTH Loop or a FTTC Loop on an unbundled basis when CenturyLink has deployed a FTTH or FTTC Loop to an end-user customer premise that previously has not been served by any loop facility.
- 44.12.2. Overbuilds. CenturyLink will not provide non-discriminatory access to FTTH Loop or FTTC Loop on an unbundled basis when CenturyLink has deployed a FTTH Loop or FTTC Loop parallel to, or in replacement of, an existing loop facility, except that:
  - 44.12.2.1. CenturyLink will maintain the existing Copper Loop connected to a particular customer premises after deploying FTTH Loop or FTTC Loop and provide non-discriminatory access to the Copper Loop on an unbundled basis unless CenturyLink has retired the Copper Loop as set forth below.

- 44.12.2.2. If CenturyLink deploys FTTH Loop or FTTC Loop and maintains the existing Copper Loop, CenturyLink will restore the Copper Loop to serviceable condition upon request.
  - 44.12.2.3. If CenturyLink deploys FTTH Loop or FTTC Loop and retires the existing Copper Loop, CenturyLink will provide non-discriminatory access to a 64 kilobits per second transmission path capable of voice grade service over the FTTH Loop or FTTC Loop.
  - 44.12.2.4. Prior to retiring Copper Loop or copper subloop that has been replaced with FTTH Loop or FTTC Loop CenturyLink will comply with the notice requirements set forth in 251(c)(5) of the Act, Sections 51.325 through 51.335 of Title 47 of the Code of Federal Regulations and applicable Commission requirements, if any.
- 44.13. Tag and Label. At US LEC's request, CenturyLink 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.
- 44.13.1. CenturyLink will include the following information on the label: order number, due date, US LEC name, and the circuit number.
  - 44.13.2. US LEC must specify on the order form whether each Loop should be tagged and labeled.
  - 44.13.3. 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.

## 45. SUBLOOPS

- 45.1. CenturyLink will offer unbundled access to copper subloops and subloops for access to multiunit premises wiring. CenturyLink 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 US LEC covering the interconnection time intervals, prices and other information based on the ICB process as set forth in this Agreement.
- 45.2. CenturyLink is not required to provide US LEC access to dark fiber subloops.
- 45.3. Copper Subloops. CenturyLink 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 CenturyLink's outside plant, including inside wire owned or controlled by CenturyLink, 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 US LEC 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. CenturyLink is not obligated to offer feeder loop plant as a stand-alone UNE.

- 45.3.1. 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.
- 45.4. Multiunit premises wiring. CenturyLink will make available to US LEC 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 CenturyLink at a multiunit customer premises between the minimum point of entry and the point of demarcation.
  - 45.4.1. An accessible terminal is any point in CenturyLink'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.
  - 45.4.2. Upon request for interconnection at a multiunit premises where CenturyLink owns, controls, or leases wiring, CenturyLink 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.
- 45.5. CenturyLink will not provide or maintain inside wire in situations where it determines there are health or safety concerns in doing so.
- 45.6. Deployment of advanced services by US LEC over subloops will be in accordance with the terms included in 44.8 and 44.9 of this section.
- 45.7. Reverse ADSL Loops. If a US LEC's ADSL Transmission Unit (including those integrated into DSLAMs) is attached to CenturyLink'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 CenturyLink host or remote central office must be a facility dedicated to ADSL transmission only and not part of CenturyLink's regular feeder or distribution plant.

#### **46. OPERATIONS SUPPORT SYSTEMS (OSS)**

- 46.1. CenturyLink will offer unbundled access to CenturyLink'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 CenturyLink's databases and information. The OSS element includes access to all loop qualification information contained in CenturyLink's databases or other records, including information on whether a particular loop is capable of providing advanced services.

#### **47. LOOP MAKE-UP INFORMATION**

- 47.1. CenturyLink shall make available Loop Make-Up Information in a non-discriminatory manner at Parity with the data and access it gives itself and other US LECs, including affiliates. The charges for Loop Make-Up Information are set forth in Table One to this Agreement.
- 47.2. Information provided to US LEC will not be filtered or digested in a manner that would affect US LEC's ability to qualify the loop for advanced services.
- 47.3. CenturyLink shall provide Loop Make-Up Information based on the individual telephone number or address of an end-user in a particular Wire Center or NXX code. Loop Make-Up Information requests will be rejected if the service address is not found within existing serving address information, if the telephone number provided is not a working number or if the POI identified is not a POI where the requesting US LEC connects to the CenturyLink LTD network.
- 47.4. Errors identified in validation of the Loop Make-Up Information inquiry order will be returned to US LEC.
- 47.5. CenturyLink may provide the requested Loop Make-Up Information to US LEC in whatever manner CenturyLink would provide to their own internal personnel, without jeopardizing the integrity of proprietary information (i.e. - fax, intranet inquiry, document delivery, etc.). If the data is provided via fax, US LEC must provide a unique fax number used solely for the receipt of Loop Make-Up Information.
- 47.6. If US LEC does not order Loop Make-Up Information prior to placing an order for a loop for the purpose of provisioning of an advanced service and the advanced service cannot be successfully implemented on that loop, US LEC agrees that:
  - 47.6.1. US LEC will be charged a Trouble Isolation Charge to determine the cause of the failure;
  - 47.6.2. If CenturyLink undertakes Loop Make-Up Information activity to determine the reason for such failure, US LEC will be charged a Loop Make-Up Information Charge; and
  - 47.6.3. If CenturyLink undertakes Conditioning activity for a particular loop to

provide for the successful installation of advanced services, US LEC will pay applicable conditioning charges as set forth in Table One pursuant to Section 53.3 of this Agreement.

#### **48. LOCAL CIRCUIT SWITCHING**

##### **48.1. DS0 Capacity (i.e. mass market)**

48.1.1. CenturyLink is not required to provide access to local circuit switching on an unbundled basis to US LEC for the purpose of serving end-user customers using DS0 capacity loops.

48.1.2. US LEC shall migrate its embedded base of end-user customers off of the unbundled local circuit switching element, including local circuit switching provided as part of UNE-P, to an alternative arrangement within 12 months of March 11, 2005. US LEC must submit the necessary orders to convert these UNEs to an alternative service arrangement within twelve months of March 11, 2005. US LEC must have completed the transition of the UNEs to alternative facilities or arrangements by the end of the twelve month period. If US LEC fails to submit the necessary orders, CenturyLink will convert the UNE-P to comparable Access Services. CenturyLink will assess the conversion charge and a management fee for the work performed by CenturyLink on behalf of US LEC.

48.1.3. Notwithstanding the above section, for a 12-month period from March 11, 2005, CenturyLink shall provide access to local circuit switching, including local circuit switching provided as part of UNE-P, on an unbundled basis for US LEC to serve its embedded base of end-user customers. The price for unbundled local circuit switching, including local circuit switching provided as part of UNE-P, obtained pursuant to this section is set forth on Table One. US LEC will true-up the rates paid for local circuit switching, including local circuit switching provided as part of UNE-P, back to March 11, 2005. US LEC may not obtain new local circuit switching as an unbundled Network Element.

48.2. Elements related to the local circuit switching element will made available on an unbundled basis to US LEC to the extent that US LEC is entitled to unbundled local circuit switching as set forth above.

48.2.1. CenturyLink will provide US LEC with non-discriminatory access to signaling, call-related databases and common transport facilities on an unbundled basis, to the extent that CenturyLink is required to provide unbundled local circuit switching as set forth above.

48.3. CenturyLink is not required to provide local switching under this Section for switching used to serve end users with four or more lines in access density zone 1, in the top 50 Metropolitan Statistical Areas.

48.4. CenturyLink is not required to provide access to local circuit switching on an

unbundled basis to requesting carriers using DS1 capacity and above.

#### **49. DEDICATED TRANSPORT**

- 49.1. CenturyLink shall provide US LEC 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 CenturyLink’s Wire Centers or switches and another of CenturyLink’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.
- 49.1.1. CenturyLink is not obligated to provide a requesting carrier with unbundled access to dedicated transport that does not connect a pair of CenturyLink Wire Centers (i.e. entrance facilities). Further, CenturyLink is not obligated to provide DSO or OC-N and above Dedicated Transport facilities as a UNE.
- 49.2. Dedicated DS1 transport shall be made available to US LEC on an unbundled basis as set forth below. Dedicated DS1 transport consists of CenturyLink 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.
- 49.2.1. CenturyLink shall unbundle DS1 transport between any pair of CenturyLink 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, CenturyLink 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.
- 49.2.2. US LEC 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 US LEC has more than ten DS1 Dedicated Transport circuits on a single route US LEC will transition any DS1 Dedicated Transport circuits on a route in excess of ten to another service within 90 Days.
- 49.2.3. If CenturyLink identifies routes in addition to those listed on Exhibit A that meet either the definition of a Tier 1 Wire Center or a Tier 2 Wire Center, 47 C.F.R. §§ 51.319(e)(3) (i) and (ii), respectively, CenturyLink will provide US LEC notice in accordance with the notice provisions of this Agreement. Except as permitted under Section 49.2.4 and subject to the Dispute Resolution section of this Agreement, US LEC shall not be able to order new DS1 Dedicated Transport for the identified routes 30 days after the date of the notice.



49.2.4. If US LEC disputes a wire center identified by CenturyLink as a Tier 1 Wire Center, US LEC may order DS1 Dedicated Transport during the pendency of the dispute if US LEC self-certifies in writing prior to ordering the DS1 Dedicated Transport that, US LEC has undertaken a reasonably diligent inquiry and, based on that inquiry, US LEC certifies that for the requested DS1 Dedicated Transport, through application of tier classifications defined in Part A, neither of the wire centers defining the route are Tier 1 wire centers. For purposes of this section, the submission of an order by US LEC for a DS1 Dedicated Transport shall be deemed as US LEC self-certifying that the DS1 Dedicated Transport is available in the service area of a wire center.

49.2.3.1 If US LEC orders DS1 Dedicated Transport during the dispute and CenturyLink prevails in the dispute, US LEC will immediately transfer the DS1 Dedicated Transport to an alternative access service and true-up the charges to the applicable access rates.

49.2.3.2 If any carrier has disputed a Wire Center designation and the dispute was resolved by the Commission, the parties will abide by the Commission's decision.

49.2.3.3 Any DS1 Dedicated Transport leased from CenturyLink on the date of the notice shall be available for a 12-month period from the date of the notice at a rate equal that is 115% of rate US LEC paid on the date of the notice; provided, however, if US LEC disputes the wire center designation and US LEC prevails, CenturyLink shall true-up the charges from the date of the notice to a rate equal of the rate US LEC paid on the date of the notice or any new effective rate adopted by the Commission or a combination of the two rates based on the effective dates of the rates. In the event that the dispute has not been resolved by the end of the 12-month period, the Parties will work together to establish a mutually agreed upon UNE conversion process to address the issue of true-ups or rates and conversion back to UNE in the event US LEC prevails in the dispute.

49.3. Dedicated DS3 transport shall be made available to US LEC on an unbundled basis as set forth below. Dedicated DS3 transport consists of CenturyLink 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.

49.3.1. CenturyLink shall unbundle DS3 transport between any pair of CenturyLink 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, CenturyLink will unbundle DS3 transport if a Wire Center on either end of a requested route is a Tier 3 Wire Center.

49.3.2. US LEC may obtain a maximum of twelve unbundled DS3 Dedicated

Transport circuits on each route where DS3 Dedicated Transport is available on an unbundled basis. If US LEC has more than twelve DS3 Dedicated Transport circuits on a route US LEC will transition any DS3 Dedicated Transport circuits on a route in excess of twelve to another service within 90 Days.

- 49.3.3. If CenturyLink identifies routes in addition to those listed on Exhibit A that meet either the definition of a Tier 1 Wire Center or a Tier 2 Wire Center, 47 C.F.R. §§ 51.319(e)(3) (i) and (ii), respectively, CenturyLink will provide US LEC notice in accordance with the notice provisions of this Agreement. Except as permitted under Section 49.3.4 and subject to the Dispute Resolution section of this Agreement, US LEC shall not be able to order new DS3 Dedicated Transport for the identified routes 30 days after the date of the notice.
- 49.3.4. If US LEC disputes a wire center identified by CenturyLink as either a Tier 1 Wire Center or a Tier 2 Wire Center, US LEC may order DS3 Dedicated Transport during the pendency of the dispute if US LEC self-certifies in writing prior to ordering the DS3 Dedicated Transport that, US LEC has undertaken a reasonably diligent inquiry and, based on that inquiry, US LEC certifies that for the requested DS3 Dedicated Transport route, that one of the wire centers defining the route is a Tier 3 Wire Center. For purposes of this section, the submission of an order by US LEC for DS3 Dedicated Transport shall be deemed as US LEC self-certifying that DS3 Dedicated Transport is available in the service area of a wire center.
  - 49.3.4.1 If US LEC orders a DS3 Dedicated Transport during the dispute and CenturyLink prevails in the dispute, US LEC will immediately transfer the DS3 Dedicated Transport to an alternative access service and true-up the charges to the applicable access rates.
  - 49.3.4.2 If any carrier has disputed a Wire Center designation and the dispute was resolved by the Commission, the parties will abide by the Commission's decision.
  - 49.3.4.3 Any DS3 Dedicated Transport leased from CenturyLink on the date of the notice shall be available for a 12-month period from the date of the notice at a rate equal that is 115% of rate US LEC paid on the date of the notice; provided, however, if US LEC disputes the wire center designation and US LEC prevails, CenturyLink shall true-up the charges from the date of the notice to a rate equal of the rate US LEC paid on the date of the notice or any new effective rate adopted by the Commission or a combination of the two rates based on the effective dates of the rates. In the event that the dispute has not been resolved by the end of the 12-month period, the Parties will work together

to establish a mutually agreed upon UNE conversion process to address the issue of true-ups or rates and conversion back to UNE in the event US LEC prevails in the dispute.

**49.4. Technical Requirements for DS1 and DS3 Dedicated Transport**

**49.4.1. Where technologically feasible and available, CenturyLink shall offer Dedicated Transport consistent with the underlying technology as follows:**

- 49.4.1.1. When CenturyLink provides Dedicated Transport, the entire designated transmission circuit (e.g., DS-1, DS-3) shall be dedicated to US LEC designated traffic.**
- 49.4.1.2. Where CenturyLink has technology available, CenturyLink 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.**

**49.5. Dedicated Dark Fiber Transport**

**49.5.1. General Rules and Definition**

- 49.5.1.1. Dark fiber is an optical transmission facility without attached multiplexing, aggregation or other electronics. Dark fiber is unactivated fiber optic cable, deployed by CenturyLink, that has not been activated through connections to optronics that light it, and thereby render it capable of carrying communications.**
- 49.5.1.2. CenturyLink will unbundle dark fiber for Dedicated Transport as set forth in this Agreement and as follows:**
  - 49.5.1.2.1. CenturyLink shall unbundle dark fiber transport between any pair of CenturyLink Wire Centers except where both Wire Centers defining the route are either Tier 1 or Tier 2 Wire Centers. CenturyLink will unbundle dark fiber transport if a Wire Center on either end of a requested route is a Tier 3 Wire Center.**
  - 49.5.1.2.2. Beginning on March 11, 2005 and for an 18-month period, any unbundled dark fiber transport UNE that US LEC leases from CenturyLink, where CenturyLink is not obligated to provide unbundled dark fiber transport, shall be available at the rates on Table One. US LEC will true-up the rates paid for dark fiber dedicated transport back to March 11, 2005. Where CenturyLink is not required to provide unbundled dark**

fiber transport, US LEC may not obtain new dark fiber transport as a UNE.

49.5.1.2.3. US LEC 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, US LEC must have transitioned the UNEs to alternative facilities or arrangements. If US LEC fails to submit the necessary orders, CenturyLink will convert the dark fiber Dedicated Transport to comparable Access Services. CenturyLink will assess the conversion charge and a management fee for the work performed by CenturyLink on behalf of US LEC.

49.5.1.3. If CenturyLink identifies routes in addition to those listed on Exhibit A that meet either the definition of a Tier 1 Wire Center or a Tier 2 Wire Center, 47 C.F.R. §§ 51.319(e)(3) (i) and (ii), respectively, CenturyLink will provide US LEC notice in accordance with the notice provisions of this Agreement. Except as permitted under Section 49.5.1.4 and subject to the Dispute Resolution section of this Agreement, US LEC shall not be able to order new dedicated dark fiber Transport for the identified routes 30 days after the date of the notice.

49.5.1.3.1 If US LEC orders dark fiber transport during the dispute and CenturyLink prevails in the dispute, US LEC will immediately transfer the dark fiber transport to an alternative access service and true-up the charges to the applicable access rates.

49.5.1.3.2 If any carrier has disputed a Wire Center designation and the dispute was resolved by the Commission, the parties will abide by the Commission's decision.

49.5.1.3.3 Any dark fiber transport leased from CenturyLink on the date of the notice shall be available for a 12-month period from the date of the notice at a rate equal that is 115% of rate US LEC paid on the date of the notice; provided, however, if US LEC disputes the wire center designation and US LEC prevails, CenturyLink shall true-up the charges from the date of the notice to a rate equal of the rate US LEC paid on the date of the notice or any new effective rate adopted by the Commission or a combination of the two rates based on the effective dates of the rates. In the event that the dispute has not been resolved by the end of the 12-month period, the Parties will work together to

establish a mutually agreed upon UNE conversion process to address the issue of true-ups or rates and conversion back to UNE in the event US LEC prevails in the dispute.

- 49.5.1.4 If US LEC disputes a wire center identified by CenturyLink as either a Tier 1 Wire Center or a Tier 2 Wire Center, US LEC may order dark fiber transport during the pendency of the dispute if US LEC self-certifies in writing prior to ordering the dark fiber transport that, US LEC has undertaken a reasonably diligent inquiry and, based on that inquiry, US LEC certifies that for the requested dark fiber transport route, that one of the wire centers defining the route is a Tier 3 Wire Center. For purposes of this section, the submission of an order by US LEC for dark fiber transport shall be deemed as US LEC self-certifying that the dark fiber transport is available in the service area of a wire center.

#### 49.5.2. Fiber Availability

- 49.5.2.1. Spare fibers in a sheath are not considered available if CenturyLink has plans to put the fiber in use within the current year or the following year.
- 49.5.2.2. CenturyLink will also maintain fibers to facilitate maintenance, rearrangements and changes. CenturyLink 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.
- 49.5.2.3. Dark fiber requests will be handled on a first come, first served basis, based on the date the dark fiber application (DFA) is received.

#### 49.5.3. Interconnection Arrangements

- 49.5.3.1. Rules for gaining access to unbundled Network Elements apply to dark fiber. Virtual and physical Collocation Arrangements may be used by US LEC to locate the optical electronic equipment necessary to "light" leased dark fiber.
- 49.5.3.2. US LEC that requests dark fiber must be able to connect to the CenturyLink fiber by means of fiber patch panel.
- 49.5.3.3. If fiber patch panels (FPPs) are not located within close enough proximity for a fiber patch cord, CenturyLink will purchase and install intraoffice cabling at US LEC's expense. This process is outside the scope of this agreement.
- 49.5.3.4. 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 US LEC.

#### **49.5.4. Dark Fiber Application and Ordering Procedure**

- 49.5.4.1.** US LEC will submit a dark fiber application (DFA) and application fee to request that CenturyLink determine the availability of dark fiber between US LEC-specified locations. See Table One for application fee amount.
- 49.5.4.2.** Within twenty (20) business days of receipt of DFA, CenturyLink will provide US LEC with a response regarding fiber availability and price.
  - 49.5.4.2.1.** If dark fiber is not available, CenturyLink will notify US LEC of the DFA rejection.
  - 49.5.4.2.2.** US LEC will follow the Dispute Resolution Process outlined in Part B of this Agreement if US LEC wishes to contest the rejection.
- 49.5.4.3.** If dark fiber is available, US LEC will notify CenturyLink of acceptance/rejection of dark fiber quote, via a firm order, within ten (10) business days of receipt of quote. CenturyLink will reserve the requested dark fiber for US LEC during these ten (10) business days. If, however, US LEC does not submit a firm order by the tenth (10th) business day, the fiber will no longer be reserved.
- 49.5.4.4.** After ten (10) business days of receipt of the price quote, if US LEC has not accepted, US LEC must submit another DFA and application fee.
- 49.5.4.5.** US LEC will submit a firm order for dark fiber via an Access Service request (ASR).
- 49.5.4.6.** By submitting the dark fiber firm order, US LEC agrees to pay quoted monthly recurring and non-recurring charges. See Table One for monthly recurring and non-recurring charges.
- 49.5.4.7.** Due Date. CenturyLink will provision dark fiber twenty (20) Business Days after it receives firm order from US LEC. Billing of the monthly recurring and non-recurring charges will begin upon completion of dark fiber order. CenturyLink will allow US LEC to extend due date for firm order completion up to sixty (60) business days from the date CenturyLink receives firm order from US LEC. This extended due date must be specified on the firm order.

**49.5.4.7.1. Billing of the monthly recurring and non-recurring charges will begin on the due date of the dark fiber order completion unless:**

**49.5.4.7.1.1. US LEC cancels firm order before the established due date. If this occurs, US LEC agrees to reimburse CenturyLink for all costs incurred to date; or**

**49.5.4.7.1.2. a third party submits firm order for same dark fiber. If this occurs, US LEC must begin compensating CenturyLink for monthly recurring and non-recurring charges in order to reserve fiber, once CenturyLink is able to provide dark fiber to US LEC.**

#### **49.5.5. Maintenance and Testing**

- 49.5.5.1. CenturyLink is only responsible for maintaining the facilities that it owns.
- 49.5.5.2. CenturyLink will conduct an end-to-end test of dark fiber after receipt of the firm order.
- 49.5.5.3. For meet point arrangements, CenturyLink will conduct cooperative testing with another carrier at US LEC's request. Additional rates and charges will apply.
- 49.5.5.4. CenturyLink does not guarantee that the transmission characteristics of the dark fiber will remain unchanged over time.
- 49.5.5.5. CenturyLink is not responsible for determining whether the transmission characteristics of the dark fiber will accommodate US LEC requirements.

#### **49.5.6. Rules for Take Back**

- 49.5.6.1. CenturyLink reserves the right to take back dark fiber to meet its carrier of last resort obligations.
- 49.5.6.2. CenturyLink will provide US LEC twelve (12) months written notice prior to taking back fiber.
- 49.5.6.3. If multiple US LECs have leased fiber within a single sheath, CenturyLink will take back the fiber that was the last to be leased.
- 49.5.6.4. CenturyLink will provide US LEC with alternative transport arrangements when CenturyLink takes back working fiber.
- 49.5.6.5. The Dispute Resolution Procedures found in Part B of this Agreement will be followed if US LEC wishes to contest CenturyLink's decision to take back its leased fiber.

### **50. COMMINGLING**

- 50.1. For the purpose of this section, wholesale services includes both services US LEC procures for resale pursuant to 251(c)(4) and exchange Access Service purchased from CenturyLink's access tariffs.
- 50.2. US LEC may Commingle an unbundled Network Element or combination of UNEs with wholesale services purchased from CenturyLink, subject to section 52.4.4. Upon request, CenturyLink will perform the work necessary to Commingle such UNE or UNE combinations with wholesale services purchased from CenturyLink subject to section 41. 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. CenturyLink will not ratchet price individual components; that is, CenturyLink 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.

## **51. LINE SPLITTING**

### **51.1. Line Splitting**

- 51.1.1. Line Splitting is an arrangement between two carriers where one carrier provides the voice services and another carrier provides advanced services over an unbundled loop.
  - 51.1.2. Whenever US LEC purchases the unbundled loop, US LEC shall control the entire loop spectrum.
  - 51.1.3. CenturyLink shall institute procedures to allow US LEC or another carrier to order HFS data capabilities on a UNE loop.
- 51.2. When either US LEC or the other carrier orders Line Splitting using US LEC's OCN, US LEC will be billed the charges for the Line Splitting service. When the other carrier orders Line Splitting using its own OCN, CenturyLink will bill the other carrier for the Line Splitting charges.

## **52. UNE COMBINATIONS**

- 52.1. US LEC may order UNEs either individually or in the combinations, including EEL as specifically set forth in this Section of the Agreement.
- 52.2. General Terms and Conditions
- 52.2.1. CenturyLink will allow US LEC to order each UNE individually in order to permit US LEC to combine UNEs with other UNEs obtained from CenturyLink 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 CenturyLink's network or in combination with any other Network Elements that are currently combined in CenturyLink's Network. Upon request, CenturyLink will perform the functions necessary to combine UNEs, even if those elements are not ordinarily combined in CenturyLink'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 CenturyLink's network. US LEC will compensate CenturyLink the costs of work performed to combine the requested UNEs for combinations that aren't specifically addressed in the Agreement.

- 52.2.2. US LEC is not required to own or control any of its own local exchange facilities before it can purchase or use UNEs, either individually or in the combinations, including EEL, to provide Telecommunications Service under this Agreement. Any request by US LEC for CenturyLink 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 41 and made available to US LEC upon implementation by CenturyLink of the necessary operational modifications.

- 52.2.3. The provisioning of EEL combinations is limited to existing facilities and CenturyLink is not obligated to construct additional facilities to accommodate any request by US LEC.
- 52.3. Specific Combinations and Pricing
  - 52.3.1. In order to facilitate the provisioning of EELs, CenturyLink shall support the ordering and provisioning of this specific combination as set forth below.
- 52.4. CenturyLink Offers the Following Combinations of Network Elements
  - 52.4.1. Embedded Base of Voice Unbundled Network Element Platform (UNE-P). VOICE UNE-P is the existing combination of the NID, Loop, Local Circuit Switching, Shared Transport, and Local Tandem Switching Network Elements.
    - 52.4.1.1. CenturyLink will continue to provide existing combinations of the NID, Loop, Local Circuit Switching, Local Switch Port, Shared Transport, and Local Tandem Switching (where CenturyLink is the provider of Shared Transport and Local Tandem Switching) unbundled Network Elements to provide VOICE UNE-P, to the extent CenturyLink is required to provide unbundled local switching as set forth in Section 48 above, at the applicable recurring charges and non-recurring charges as specified in Table One for VOICE UNE-P plus the applicable Service Order Charge until March 10, 2006. CenturyLink will also bill US LEC for applicable Usage Data Recording and Transmission Charges as indicated in Table One.
    - 52.4.1.2. Until such time as CenturyLink can bill the recurring charges for usage based VOICE UNE-P elements (Local Circuit Switching, Shared Transport, Local Tandem Switching), these charges will be billed to US LEC at the recurring flat rate charge reflected in Table One. Upon the implementation of the necessary operational modifications, CenturyLink will convert from billing US LEC based on this flat rated monthly charge to applicable usage based charges for the VOICE UNE-P elements.
    - 52.4.1.3. Reciprocal compensation for UNE-P Local Traffic and ISP-Bound Traffic that originates and terminates within the same switch shall be on a bill and keep basis.
    - 52.4.1.4. CenturyLink will provide originating and terminating access records to US LEC for access usage over UNE-P. US LEC will be responsible for billing the respective originating and/or terminating access charges directly to the IXC. CenturyLink will bill US LEC at the rate set forth in Table One for these records.

- 52.4.1.5. CenturyLink will provide US LEC toll call records that will allow it to bill its end users for toll charges. Such record exchange will be in industry standard EMI format as the charges set forth in Table One. Any non-standard requested format would be handled through the BFR process as set forth in Section 41 of this Agreement. CenturyLink will bill US LEC at the rate set forth in Table One for these records.
- 52.4.2. EEL is the combination of the NID, Loop, and Dedicated Transport Network Elements.
  - 52.4.2.1. CenturyLink will offer the combination of unbundled loops with wholesale services and unbundled Dedicated Transport, where CenturyLink 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 Local 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. CenturyLink 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 US LEC's provision of Telecommunications Service to US LEC's end users.
  - 52.4.2.2. Multiplexing shall be provided as necessary as part of Dedicated Transport.
- 52.4.3. In order to obtain the EEL combinations below, a requesting US LEC must provide certification that it satisfies the service eligibility criteria for each circuit as set forth below. For existing EELs, US LEC must recertify compliance with the EELs criteria within 30 days of the Effective Date of this Agreement. US LEC must continue to be in compliance with the service eligibility criteria for as long as US LEC continues to receive the services in this section. CenturyLink will offer the following EEL Combinations:
  - 52.4.3.1. Unbundled DS1 Loop in combination with UNE DS1 Dedicated Transport.
  - 52.4.3.2. Unbundled DS1 Loop commingled with dedicated DS1 transport wholesale service (either special access or resale).
  - 52.4.3.3. Unbundled DS1 Loop in combination with UNE DS3 Dedicated Transport.
  - 52.4.3.4. Unbundled DS1 Loop commingled with dedicated DS3 transport wholesale service (either special access or resale).
  - 52.4.3.5. Unbundled DS3 Loop in combination with UNE DS3 Dedicated Transport.

- 52.4.3.6. Unbundled DS3 Loop commingled with dedicated DS3 transport wholesale service (either special access or resale).
- 52.4.3.7. Unbundled DS1 Dedicated Transport commingled with DS1 channel termination.
- 52.4.3.8. Unbundled DS3 Dedicated Transport commingled with DS1 channel termination service.
- 52.4.3.9. Unbundled DS3 Dedicated Transport commingled with DS3 channel termination service.

#### 52.4.4. EEL Eligibility Criteria

- 52.4.4.1. US LEC must have state certification to provide local voice service in the area being served or, in the absence of a state certification requirement, US LEC must have complied with registration, tariffing, filing fee, or other regulatory requirements applicable to the provision of local voice service in the area served;
- 52.4.4.2. 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:
  - 52.4.4.2.1. Each DS1-circuit to be provided to each US LEC customer must be assigned one local number prior to the provision of service over the circuit;
  - 52.4.4.2.2. 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;
  - 52.4.4.2.3. Each circuit to be provided to each customer must provide 911 or E911 capability prior to the provision of service over the circuit;
  - 52.4.4.2.4. Each circuit to be provided to each customer must terminate into a collocation that meets one of the following requirements:
    - 52.4.4.2.4.1. a collocation established pursuant to section 251(c)(6) of the Act and located at CenturyLink's premises within the same LATA as US LEC's customer's premises, when CenturyLink is not the collocater; or

- 52.4.4.2.4.2. a collocation located at a third party's premises within the same LATA as US LEC's customer's premises, when CenturyLink is the collocator.
- 52.4.4.2.5. For each 24 DS1 EELs or other facilities having equivalent capacity, US LEC must maintain at least one active DS1 local service interconnection trunk and US LEC is required to transmit the calling party's number in connection with calls exchanged over each trunk. Where US LEC does not establish an interconnection arrangement with CenturyLink for the meaningful exchange of Local Traffic that flows in both directions, such interconnection arrangement shall not satisfy this criteria, and
- 52.4.4.2.6. Each circuit to be provided to each customer will be served by a switch capable of switching local voice traffic.
- 52.4.4.3. CenturyLink reserves the right, upon thirty (30) Days notice, to audit US LEC's compliance with the EEL eligibility criteria defined by the FCC and as set forth above. CenturyLink may audit compliance with the qualifying service eligibility requirements on an annual basis. CenturyLink will hire and pay for an independent auditor ("Auditor") to perform the audit, and such audit shall be conducted in accordance with the standards established by the American Institute for Certified Public Accountants (AICPA).
- 52.4.4.4. The Auditor will be required to issue an opinion regarding US LEC's compliance with the service eligibility criteria and conclude whether US LEC complied in all material respects with the applicable service eligibility criteria.
- (a) To the extent the Auditor concludes that US LEC failed to comply with the service eligibility criteria for an audited circuit(s), US LEC must true-up any difference in payments, convert each noncompliant circuit to the appropriate service, and make the correct payments going forward.
- (b) To the extent that the Auditor concludes that US LEC failed to comply in all material respects with the service eligibility criteria, US LEC must reimburse CenturyLink for the cost of the Auditor.
- (c) To the extent the Auditor concludes that US LEC complied in all material respects with the service

eligibility criteria, CenturyLink will reimburse US LEC for its costs associated with the audit.

52.4.4.5. These audit rights are in addition to CenturyLink's audit rights in Part B of this Agreement.

## **53. MODIFICATIONS TO SPRINT'S EXISTING NETWORK**

### **53.1. Modifications to Unbundled Loop**

53.1.1. CenturyLink will make routine network modifications to unbundled loop facilities used by US LEC where the requested loop facility has already been constructed. CenturyLink will perform routine network modifications to unbundled loop facilities in a nondiscriminatory fashion, without regard to whether the loop facility being accessed was constructed on behalf, or in accordance with the specifications, of any carrier. US LEC will compensate CenturyLink 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 CenturyLink will provide a price quote via the ICB process.

53.1.1.1. In the case of unbundled loop facilities, a routine network modification is an activity that CenturyLink 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; deploying a new multiplexer or reconfiguring an existing multiplexer and attaching electronic and other equipment that CenturyLink 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 US LEC.

53.1.1.2. CenturyLink 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.

### **53.2. Modifications to Dedicated Transport**

53.2.1. CenturyLink will make routine network modifications to unbundled dedicated transport facilities used by US LEC where the requested Dedicated Transport facilities have already been constructed. CenturyLink

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. US LEC will compensate CenturyLink 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. CenturyLink will provide routine network modifications at the rates on Table One or CenturyLink will provide a price quote via the ICB process.

53.2.1.1. In the case of unbundled Dedicated Transport facilities, a routine network modification is an activity that CenturyLink 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 US LEC 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 US LEC.

### 53.3. Loop Conditioning

53.3.1. 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. CenturyLink will condition loops at US LEC's request and will assess charges for loop conditioning in accordance with the prices listed in Table One. CenturyLink recommends that US LEC utilize the Loop Make-Up process in Section 47 prior to submitting orders for loops intended for advanced services.



## **PART F - INTERCONNECTION**

### **54. LOCAL INTERCONNECTION TRUNK ARRANGEMENT**

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

54.1.1. The Parties shall make available to each other two-way trunks for the reciprocal exchange of combined Local Traffic, including ISP-Bound Traffic and non-equal access IntraLATA toll traffic.

54.1.1.1. The Parties agree to initially use two-way trunks (one-way directionalized). The Parties shall transition from directionalized two-way trunks upon mutual agreement, absent engineering or billing issues. The Parties shall transition all one-way trunks established under this Agreement.

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

54.1.3. Separate trunks will be utilized for connecting US LEC's switch to each 911/E911 Tandem.

#### **54.2. Points of Interconnection**

54.2.1. Point of Interconnection. Unless interconnecting with CenturyLink on an indirect basis subject to Section 60, US LEC must establish a minimum of one POI within each LATA, at any technically feasible point, on CenturyLink's network. To the extent CenturyLink's network contains multiple Tandems in the LATA, US LEC must interconnect at each Tandem where it wishes to exchange (i.e. receive or terminate) traffic with CenturyLink.

54.2.1.1. US LEC must establish a direct end office trunk at a CenturyLink end office when total traffic volumes exchanged between that particular CenturyLink end office and US LEC exceeds a DS1 equivalent for three consecutive months.

54.2.1.2. US LEC will be responsible for engineering and maintaining its network on its side of the POI. CenturyLink will be responsible for engineering and maintaining its network on its side of the POI. CenturyLink reserves the right to provide its own transport to US LEC's network for the delivery of CenturyLink originated traffic as provided for herein.

54.2.1.3. Each Party is financially responsible for transporting its originated traffic to the POI, subject to Section 56.6.

- 54.2.1.4. For construction of new facilities when the Parties choose to interconnect at a mid-span meet, US LEC and CenturyLink will jointly provision the facilities that connect the two networks. CenturyLink will be the “controlling carrier” for purposes of MECOD guidelines, as described in the joint implementation plan. CenturyLink 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 roughly balanced. 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.
- 54.2.1.5. If third party (*i.e.* Competitive Access Provider or “CAP”) leased facilities are used for interconnection, the POI will be defined as the CenturyLink office in which the third party’s leased circuit terminates.

54.3. Technical Requirements for Interconnection

#### **54.3.1. Interconnection at the CenturyLink Tandem**

- 54.3.1.1. Interconnection to CenturyLink (Tandem Switches) will provide US LEC local interconnection for local service purposes to the CenturyLink end offices and NXXs which subtend that Tandem(s), where local trunking is provided, and access to the toll network.
- 54.3.1.2. Interconnection to a CenturyLink Tandem for transit purposes will provide access to Telecommunications Carriers which are connected to that Tandem Switch.
- 54.3.1.3. Where a CenturyLink Tandem Switch also provides End-Office Switch functions, interconnection to a CenturyLink Tandem serving that exchange will also provide US LEC access to CenturyLink's end offices.

#### **54.3.2. Interconnection at the CenturyLink End Office**

- 54.3.2.1. Interconnection to CenturyLink End Office Switch will provide US LEC local interconnection for local service purposes to the CenturyLink NXX codes served by that end office and any CenturyLink NXXs served by remotes that subtend those End Offices.

### **55. INTERCARRIER COMPENSATION**

#### **55.1. Compensation for Shared Interconnection Facility**

- 55.1.1. The transmission facility that connects CenturyLink and US LEC network is defined as the "Interconnection Facility." The Interconnection Facility may be a shared facility used by both Parties to originate and terminate traffic.
  - 55.1.1.1. Notwithstanding any other provision to the contrary, if US LEC provides one-hundred percent (100%) of the Interconnection Facility via lease of meet-point circuits between CenturyLink and a third-party; lease of CenturyLink facilities, lease of third party facilities; or construction of its own facilities; the POI for the mutual exchange of traffic will be the CenturyLink office where the leased facility terminates.
  - 55.1.1.2. US LEC may charge CenturyLink for CenturyLink's proportionate share of the recurring charges for transport facilities leased from CenturyLink based on the percentage of

the total traffic originated by CenturyLink (excluding any toll traffic, transit traffic and ISP Bound Traffic). US LEC will bill CenturyLink an amount equal to a percentage of CenturyLink's total interconnection facilities billing to US LEC at the same rates CenturyLink bills US LEC for those facilities. US LEC shall be financially responsible for any facilities, or portion of facilities, used to carry ISP-Bound traffic terminated by US LEC or toll traffic.

- 55.1.2. In the event that US LEC elects to offer service within CenturyLink's serving area using a switch located outside CenturyLink's serving area, US LEC agrees to provide the interconnection facility for both Parties' traffic outside CenturyLink's contiguous serving area in which US LEC offers service, at no charge to CenturyLink. CenturyLink will not compensate US LEC for the shared interconnection facility beyond CenturyLink's contiguous serving area in which US LEC offers service.
- 55.1.3. CenturyLink is not obligated to utilize interconnection facilities provided by US LEC to terminate CenturyLink originated traffic to US LEC.
- 55.1.4. Should CenturyLink elect to provision its own transport to US LEC's network to deliver its originated traffic or if US LEC elects to use Indirect Interconnection, there is no shared interconnection facility for which CenturyLink would compensate US LEC. Should CenturyLink elect to provision its own transport to US LEC's network to deliver its originated traffic, CenturyLink reserves the right to only provision to the boundary of CenturyLink's contiguous serving area in the LATA.
- 55.2. All Local Traffic (which shall not include ISP-Bound Traffic or VNXX Traffic) shall be exchanged on a bill and keep basis as long as not more than 55% of such traffic, or any component of such Local Traffic is terminated by either Party. If more than 55% of such Local Traffic is terminated by either Party then at the option of the terminating Party, the Parties shall negotiate a subsequent amendment of the ICA to reflect the appropriate charges to be assessed by each Party for terminating such Local Traffic with such amendment to be made effective from and after the date on which the terminating Party provides written notice of a request to negotiate such amendment. If the Parties are unable to negotiate such an amendment, the Parties agree to resolve the issue under section 24 of the Agreement.
- 55.3. All ISP-Bound Traffic (VNXX and non-VNXX ISP-Bound Traffic) shall be exchanged on a bill and keep basis.
- 55.4. The bill and keep arrangement which may be in effect between the Parties at any time shall not affect the respective rights and obligations of the Parties under this Agreement with respect to any transit charges that may be assessed for transit services provided in connection with any Transit Traffic or Indirect Traffic.

- 55.5. 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. If US LEC is acting as an IXC and a competitive local exchange carrier, US LEC must have a unique CIC for each type of service order. Specifically, US LEC must have two CICs, one that is used for ordering IXC facilities for interexchange toll traffic and one that is used to order facilities for local exchange traffic.
- 55.6. Calls terminated to end users physically located outside the local calling areas in which their NPA/NXXs are home (*i.e.* Foreign Exchange Services ("FX"); Virtual FX; or Virtual NXXs) shall be exchanged between the Parties on a bill and keep basis
- 55.7. Voice calls that are transmitted, in whole or in part, via the public Internet or a private IP network (VoIP) shall be compensated in the same manner as voice traffic (e.g. reciprocal compensation, interstate access and intrastate access).
- 55.8. 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.
- 55.9. Each Party shall report to the other a Percent Local Usage ("PLU") factor for the Party's local interconnection trunks. The application of the PLU will determine the amount of local or ISP-bound minutes to be billed to the other Party. For purposes of developing the PLU, each Party shall consider every local and ISP-bound call and every long distance call, excluding Transit Traffic. Each Party shall update its PLU on the first of January, April, July and October of the year and shall send it to the Party to be received not later than 30 days after the first of each such month based on local and IS-bound usage for the past three months ending the last day of December, March, June and September, respectively. Either Party may request a traffic study documentation of the PLU from the other Party to verify the factor, and may compare the documentation to studies developed by the Party. Should the Parties agree that the factor should be changed based on such review, the Parties agree that any changes in the PLU will be retroactive to traffic for the previous one year. For toll traffic, the Parties agree to exchange traffic and compensate one another based on the rates and elements included in each Party's access Tariffs. The Parties will transmit calling party number ("CPN") as required by FCC rules (47 C.F.R. § 64.1601).
- 55.9.1. 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 at intrastate access rates.

**56. SIGNALING NETWORK INTERCONNECTION**

- 56.1. CenturyLink will offer interconnection to its signaling transfer points (STPs) for US LEC switches which connect to CenturyLink's STPs via "A" links or for US LEC's "B" or "D" links which are dedicated to the transport of signaling for local interconnection.
- 56.2. 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.
- 56.3. Standard interconnection facilities shall be Extended Superframe (ESF) with B8ZS line code. Where ESF/B8ZS is not available, US LEC will use other interconnection protocols on an interim basis until the standard ESF/B8ZS is available. CenturyLink will provide anticipated dates of availability for those areas not currently ESF/B8ZS compatible.
- 56.4. Where US LEC is unwilling to utilize an alternate interconnection protocol, US LEC will provide CenturyLink 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 US LEC and CenturyLink. 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, US LEC, or CenturyLink internal customer demand for 64K CCC trunks.

**56.5. Signaling Systems**

**56.5.1. Signaling Link Transport**

56.5.1.1. Signaling Link Transport is a set of two or four dedicated 56 Kbps transmission paths between US LEC-designated Signaling Points of Interconnection (SPOI) that provides appropriate physical diversity and a cross connect at a CenturyLink STP site.

56.5.1.2. Technical Requirements. Signaling Link transport shall consist of full duplex mode 56 Kbps transmission paths.

**56.5.2. Signaling Transfer Points (STPs)**

56.5.2.1. STPs provide functionality that enables the exchange of SS7 messages among and between switching elements, databases and third party signaling transfer points.

56.6. Technical Requirements. STPs provide interconnection to the functions of signaling networks or to third party SS7 networks connected to the CenturyLink SS7 network. These functions include:

56.6.1. CenturyLink local switching or Tandem Switching;

56.6.2. CenturyLink Service Control Points (SCPs)/Databases if arranged for under separate agreements;

56.6.3. Third-party local or Tandem Switching systems subject to any additional conditions or terms of the Third Party and

56.6.4. Third party provider STPs subject to any additional conditions or terms of the Third Party.

56.7. Interface Requirements. CenturyLink shall provide the following STP options to connect US LEC or US LEC-designated local switching systems or STPs to the CenturyLink SS7 network:

56.7.1. An A-link interface from US LEC local switching systems; and

56.7.2. B- or D-link interface from US LEC STPs.

56.7.3. Each type of interface shall be provided by one or more sets (layers) of signaling links, as follows:

56.7.3.1. An A-link layer shall consist of two links,

56.7.3.2. A B- or D-link layer shall consist of four links,

56.8. 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 CenturyLink STP is located. Interface to CenturyLink's STP shall be the 56kb

rate. The 56kb rate can be part of a larger facility, and US LEC shall pay multiplexing/demultiplexing and channel termination, plus mileage of any leased facility.

## **57. TRUNK FORECASTING**

- 57.1. US LEC shall provide forecasts 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. CenturyLink shall make all reasonable efforts and cooperate in good faith to develop alternative solutions to accommodate orders when facilities are not available. Company forecast information must be provided by US LEC to CenturyLink 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:
  - 57.1.1. 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);
  - 57.1.2. The use of Common Language Location Identifier (CLLI-MSG), which are described in Telcordia documents BR 795-100-100 and BR 795-400-100;
  - 57.1.3. 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 US LEC that are reflected by a significant increase or decrease in trunking demand for the following forecasting period.
  - 57.1.4. Parties shall meet to review and reconcile the forecasts if forecasts vary significantly.
- 57.2. US LEC shall provide an updated trunk forecast when ordering or requesting additional trunks from CenturyLink anytime after the initial trunk implementation.
- 57.3. Each Party shall provide a specified point of contact for planning forecasting and trunk servicing purposes.
- 57.4. 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 US LEC and CenturyLink.
- 57.5. 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:

- 57.5.1. In the event that US LEC over-forecasts its trunking requirements by twenty percent (20%) or more, and CenturyLink acts upon this forecast to its detriment, CenturyLink may recoup any actual and reasonable expense it incurs.
- 57.5.2. 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 CenturyLink.
- 57.5.3. 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.
- 57.6. 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 US LEC end office and a CenturyLink 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%).
- 57.7. 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.

## **58. NETWORK MANAGEMENT**

- 58.1. 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. US LEC and CenturyLink will immediately notify each other of any protective control action planned or executed.
- 58.2. 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.
- 58.3. Mass Calling. US LEC and CenturyLink 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.

## **59. USAGE MEASUREMENT**

- 59.1. 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.
- 59.2. 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.
- 59.3. Prior to the commencement of billing for interconnection, each Party shall provide to the other, the PLU of the traffic terminated to each other over the Local Interconnection trunk groups.

## **60. TRANSIT TRAFFIC**

- 60.1. Transit Traffic means the delivery of Local Traffic or ISP-Bound Traffic by US LEC or CenturyLink 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.
- 60.2. 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 CenturyLink Tandem, CenturyLink will provide Transit Services for US LEC's connection of its end user to a local end user of: (1) US LECs, (2) an ILEC other than CenturyLink, (3) IXC's, and (4) other CMRS carriers.
- 60.3. CenturyLink may require separate trunking for the delivery of such Transit Traffic in order to accurately measure and bill it. Transit Traffic means the delivery of Local Traffic or ISP-Bound Traffic by US LEC or CenturyLink 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.
- 60.4. Terms and Conditions
  - 60.4.1. Each Party acknowledges that a third-party LEC may block transit traffic. To the extent the originated Party's 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, US LEC, or CMRS

provider for the exchange of transit traffic to that third party.

60.4.2. Notwithstanding any other provision to the contrary, once the Transit Traffic volume between US LEC and CenturyLink exceeds a DS1 equivalent of traffic, CenturyLink will no longer provide transit service and US LEC must establish a direct interconnection with the third party for the exchange of such traffic. Within sixty (60) days of when traffic exceeds this threshold, US LEC shall establish a direct interconnection with such third party. After sixty (60) days, if US LEC has not established a direct interconnection and if US LEC is exercising its best efforts to implement a direct connection with such third party, CenturyLink shall continue to transit the traffic. If CenturyLink disagrees that US LEC is using its best efforts to implement a direct connection, CenturyLink may seek relief pursuant to the Dispute Resolution provisions.

#### 60.5. Payment Terms and Conditions

60.5.1. 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.

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

#### 60.6. Billing Records and Exchange of Data

- 60.6.1. 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.
- 60.6.2. Upon request by the terminating Party and to the extent possible, the transiting Party agrees to provide the terminating Party information on traffic originated by a third party US LECS or CMRS provider. To the extent CenturyLink incurs additional cost in providing this billing information, US LEC agrees to reimburse CenturyLink for its direct costs of providing this information.
- 60.6.3. 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.

## **61. INDIRECT TRAFFIC**

### **61.1. Interconnection**

- 61.1.1. The Parties may send each other Indirect Traffic.
- 61.1.2. 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.
- 61.1.3. Indirect interconnection with CenturyLink shall only be allowed to the extent US LEC is interconnected at the which CenturyLink's end office subtends.
- 61.1.4. Interconnection to US LEC will provide CenturyLink with access to US LEC's end-users and to other companies which are likewise connected to US LEC for local and toll service purposes.
- 61.1.5. Notwithstanding any other provision to the contrary, once the Indirect Traffic volume between US LEC and a CenturyLink end office exceeds a DS1 equivalent of traffic, CenturyLink will no longer allow indirect interconnection and US LEC must establish a direct interconnection with CenturyLink's end office for the mutual exchange of traffic. Within sixty (60) days of when the indirect traffic exceeds a DS1, US LEC shall establish a direct interconnection with CenturyLink's end office.

### **61.2. Exchange Of Traffic**

- 61.2.1. Each Party acknowledges that it is the originating Party's responsibility to enter into transiting arrangements with the third party providing the transit services.
- 61.2.2. 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.
- 61.2.3. 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.
- 61.2.4. Until Indirect traffic exceeds a DS1, each Party is responsible for the payment of transit charges assessed by the transiting party.
- 61.3. Compensation for Indirect Traffic
  - 61.3.1. Non-Local and Non-ISP-Bound Indirect Traffic
    - 61.3.1.1. 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.
    - 61.3.1.2. 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.
  - 61.3.2. Local Traffic and ISP-Bound Traffic. The rates set forth on Table One shall apply, in accordance with Section 55.2 and Section 55.3.
    - 61.3.2.1. Indirect Traffic Terminating to CenturyLink
      - 61.3.2.2. Each rate element utilized in completing a call shall be charged for completion of that call. For example, a call terminating from US LEC through the transiting party, and over CenturyLink facilities to a CenturyLink End Office Switch would include charges from CenturyLink to US LEC for Common Transport to the End Office Switch and End Office switching. A call terminating from US LEC through the transiting party, and then

over CenturyLink facilities through a CenturyLink End Office Switch to a CenturyLink Remote Switch would include charges from CenturyLink to US LEC for Common Transport to the End Office Switch (except where the transiting party is collocated in the CenturyLink End Office), End Office switching, and Common Transport to the Remote Switch.

61.3.2.3. Indirect Traffic Terminating to US LEC:

61.3.2.4. For Indirect Traffic terminating on US LEC's network, US LEC will bill CenturyLink the same rates as CenturyLink charges US LEC for Indirect Local Traffic terminating on CenturyLink's network in accordance with Section 55.

## **62. RESPONSIBILITIES OF THE PARTIES**

- 62.1. CenturyLink and US LEC 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.
- 62.2. US LEC and CenturyLink 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.
- 62.3. US LEC and CenturyLink shall:

- 62.3.1. Provide trained personnel with adequate and compatible test equipment to work with each other's technicians.
- 62.3.2. Notify each other when there is any change affecting the service requested, including the due date.
- 62.3.3. 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.
- 62.3.4. 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.
- 62.3.5. Advise each other's Control Office if there is an equipment failure which may affect the interconnection trunks.
- 62.3.6. 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.
- 62.3.7. Provide to each other test-line numbers and access to test lines.
- 62.3.8. 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 G - LOCAL NUMBER PORTABILITY**

### **63. INTRODUCTION**

- 63.1. Upon implementation of LNP, both Parties agree to conform and provide such LNP pursuant to FCC regulations and compliance with the Industry Forum Guidelines. To the extent consistent with the FCC and Industry Guidelines as amended from time to time, the requirements for LNP shall include the following:
  - 63.1.1. End users must be able to change local service providers and retain the same telephone number(s) within the serving Rate Center utilizing the portability method as defined by the FCC.
  - 63.1.2. 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.
  - 63.1.3. Parties agree that when an NXX is defined as portable, it shall also be defined as portable in all LNP capable switches serving the Rate Center.
  - 63.1.4. When an end user ports to another service provider and has previously secured a reservation of line numbers from the donor provider under contract or tariff 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.
  - 63.1.5. NXX Availability. Not all NXXs in each CO may be available for porting.
  - 63.1.6. LERG Reassignment. Portability for an entire NXX shall be provided by utilizing reassignment of the NXX to US LEC through the LERG.
  - 63.1.7. 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.
  - 63.1.8. 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 federal regulatory requirements or industry guidelines developed for mass calling numbers.



## **64. TESTING**

- 64.1. An Interconnection Agreement (or Memorandum of Understanding, or Porting Agreement) detailing conditions for LNP must be in effect between the Parties prior to testing.
- 64.2. Testing and operational issues will be addressed in the implementation plans as described in Part B, Section 32 of the agreement.
- 64.3. US LEC must be NPAC certified and have met CenturyLink testing parameters prior to activating LNP. After initial LNP implementation by a US LEC/CMRS provider testing and porting will be done at US LEC's expense.
- 64.4. 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.
- 64.5. 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 US LEC or CenturyLink 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.

## **65. ENGINEERING AND MAINTENANCE**

- 65.1. 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.
- 65.2. 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.
- 65.3. Additional engineering and maintenance requirements shall apply as specified in this Agreement or the Implementation Plan.

## **66. E911/911**

- 66.1. 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 routing tables and 911/ALI database to correctly route, and provide accurate information to the PSAP call centers.
- 66.2. 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.

**67. BILLING FOR PORTED NUMBERS**

- 67.1. 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 be entitled to revenue from the IXC for those access elements it actually provides including, but not limited to end office switching, local transport, RIC, and CCL. 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.
- 67.2. Non-Active Numbers. Pursuant to Applicable Rules, as defined in this Agreement, CenturyLink will not port telephone numbers categorized as Aging or Available or numbers associated with fraud/identity theft.

## **PART H - LINE SHARING**

### **68. LINE SHARING**

#### **68.1. General Terms**

68.1.1. Under this Agreement, CenturyLink will not provide access to the HFPL for line sharing by US LEC except pursuant to the following terms and conditions.

68.1.2. For HFPLs that are in service prior to October 2, 2003, CenturyLink will continue to bill HFPL at the rate that was effective for that arrangement on October 2, 2003 as long as that HFPL remains in service to the particular US LEC end-user premises.

68.1.3. For HFPL ordered October 2, 2003 to October 1, 2004 and remaining in service to the particular US LEC end-user premises during the period October 2, 2004 and October 1, 2005, the rate billed for HFPL will be 50% of the xDSL capable UNE Loop rate found in Table One.

68.1.4. For HFPL ordered October 2, 2003 to October 1, 2004 and remaining in service to the particular US LEC end-user premises during the period October 2, 2005 and October 1, 2006, the rate billed for HFPL will be 75% of the xDSL capable UNE Loop rate found in Table One.

68.1.5. After October 1, 2006, US LEC must order a stand-alone loop or negotiate a line splitting arrangement with another Telecommunications Carrier.

68.2. CenturyLink Line Sharing provided HFPL to US LEC only those instances when CenturyLink is the provider of analog circuit-switched voice band service on that same Copper Loop to the same End User.

68.3. In the event that the end user being served by US LEC via HFPL terminates its CenturyLink-provided retail voice service, or when CenturyLink provided retail voice service is disconnected due to "denial for non-pay," CenturyLink shall provide reasonable notice to US LEC prior to disconnect. US LEC shall have the option of purchasing an entire stand-alone UNE digital loop if it wishes to continue to provide advanced services to that end user. If US LEC notifies CenturyLink that it chooses this option, US LEC and CenturyLink shall cooperate to transition DSL service from the HFPL to the stand-alone loop without any interruption of service pursuant to the provisions set forth below. If US LEC declines to purchase the entire stand alone UNE digital loop, CenturyLink may terminate the HFPL.

68.4. CenturyLink will use reasonable efforts to accommodate the continued use by US LEC as a stand-alone UNE digital loop of the Copper Loop facilities over which US LEC is provisioning advanced services at the time that the CenturyLink-provided retail voice service terminates; if:

- 68.4.1. adequate facilities are available to allow the provisioning of voice service over such other facilities, and
- 68.4.2. US LEC agrees to pay any additional ordering charges associated with the conversion from the provisioning of HFPL to a stand alone unbundled digital loop as specified in Table One (excluding conditioning charges).
- 68.5. Any additional maintenance of service conducted at US LEC's request by CenturyLink on behalf of US LEC solely for the benefit of US LEC's services will be paid for by US LEC at prices negotiated by CenturyLink and US LEC.
- 68.6. Deployment and Interference
  - 68.6.1. In providing services utilizing the HFPL, CenturyLink shall allow US LEC to deploy underlying technology that does not significantly interfere with other advanced services and analog circuit-switched voice band transmissions.
  - 68.6.2. For any technology, US LEC represents that its use of any CenturyLink Network Element, or of its own equipment or facilities in conjunction with any CenturyLink Network Element, will not materially interfere with or impair service over any facilities of CenturyLink, its affiliated companies or connecting and concurring carriers, cause damage to CenturyLink's plant, impair the privacy of any communications carried over CenturyLink's facilities or create hazards to employees or the public. Upon reasonable written notice and after a reasonable opportunity to cure, CenturyLink may discontinue service if US LEC violates this provision. The termination of service will be limited to US LEC's use of the element(s) causing the violation. CenturyLink will not disconnect the elements causing the violation if, after receipt of written notice and opportunity to cure, US LEC demonstrates that their use of the Network Element is not the cause of the network harm.

## **PART I – CALL RELATED DATABASES**

### **69. CALL-RELATED DATABASES**

69.1. CenturyLink will offer access to call-related databases (non-251 services), including, but not limited to, Toll Free Calling database, Number Portability database, and Calling Name (CNAM) database. CenturyLink 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.

69.1.1. 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 CenturyLink's CNAM Database by US LEC and US LEC'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. US LEC will not capture, cache, or store any information contained in a CNAM response.

69.1.2. 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 US LEC's switch. Use of CenturyLink's Toll Free Database by US LEC 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.

69.1.3. Local Number Portability Local Routing Query Service. TCAP messages originated by US LEC's SSPs and received by CenturyLink'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 US LEC so that it can then terminate the call in progress to the telephone number now residing in the switch designated by the LRN.

69.1.3.1. US LEC agrees to obtain, prior to the initiation of any LNP query, a NPAC/SMS User Agreement with Neustar. US LEC will maintain the NPAC/SMS User Agreement with Neustar, or its successor, as long as it continues to make LNP queries to the CenturyLink 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. CenturyLink shall not be liable for any direct or consequential damages due to termination because of lack of a NPAC/SMS User Agreement.

- 69.1.3.2. CenturyLink'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 US LEC 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. CenturyLink shall have no liability to US LEC or the NPAC for any of these fees or charges applicable to US LEC, even though it may pay such charges for other CenturyLink companies.

## **PART J - GENERAL BUSINESS REQUIREMENTS**

### **70. PROCEDURES**

#### **70.1. Contact with End Users**

- 70.1.1. 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.
- 70.1.2. 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.
- 70.1.3. CenturyLink shall not use US LEC's request for end user information, order submission, or any other aspect of US LEC's processes or services to aid CenturyLink's marketing or sales efforts.

#### **70.2. Expedite and Escalation Procedures**

- 70.2.1. CenturyLink and US LEC 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, CenturyLink and US LEC 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 US LEC'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.
- 70.2.2. No later than thirty (30) Days after US LEC's request CenturyLink shall provide US LEC with contingency plans for those cases in which normal Service Ordering, Provisioning, Maintenance, Billing, and other procedures for CenturyLink's unbundled Network Elements, features, functions, and resale services are inoperable.

- 70.3. Subscriber of Record. CenturyLink shall recognize US LEC as the Subscriber of Record for all Network Elements or services for resale ordered by US LEC and shall send all notices, invoices, and information which pertain to such ordered services directly to US LEC. US LEC will provide CenturyLink with addresses to which CenturyLink shall send all such notices, invoices, and information.

#### **70.4. Service Offerings**

- 70.4.1. CenturyLink shall provide US LEC with access to new services, features and functions concurrent with CenturyLink's notice to US LEC 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 US LEC may conduct market testing.
- 70.4.2. Essential Services. For purposes of service restoral, CenturyLink shall designate a US LEC access line as an Essential Service Line (ESL) at Parity with CenturyLink's treatment of its own end users and applicable state law or regulation, if any.
- 70.4.3. Blocking Services. Upon request from US LEC, employing CenturyLink-approved LSR documentation, CenturyLink 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 US LEC, or (b) it is technically feasible when requested by US LEC as a function of unbundled Network Elements.
- 70.4.4. Training Support. CenturyLink shall provide training, on a non-discriminatory basis, for all CenturyLink employees who may communicate, either by telephone or face-to-face, with US LEC 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.

#### **71. ORDERING AND PROVISIONING**

- 71.1. Ordering and Provisioning Parity. CenturyLink shall provide necessary ordering and provisioning business process support as well as those technical and systems interfaces as may be required to enable US LEC to provide the same level and quality of service for all resale services, functions, features, capabilities and unbundled Network Elements at Parity.
- 71.2. National Exchange Access Center (NEAC)
  - 71.2.1. CenturyLink shall provide a NEAC or equivalent which shall serve as US LEC's point of contact for all activities involved in the ordering and provisioning of CenturyLink's unbundled Network Elements, features, functions, and resale services.
  - 71.2.2. The NEAC shall provide to US LEC 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, capabilities, and resale services.

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

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

71.4. CLASS and Custom Features. Where generally available in CenturyLink's serving area, US LEC, 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.

71.5. Number Administration/Number Reservation

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

71.5.2. In conjunction with an order for service, CenturyLink shall accept US LEC 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 US LEC.

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

number assignment is guaranteed until service has been installed.

## **71.6. Service Order Process Requirements**

### **71.6.1. Service Migrations and New Subscriber Additions**

- 71.6.1.1.** For resale services, other than for a US LEC order to convert “as is” a US LEC subscriber, CenturyLink shall not disconnect any subscriber service or existing features at any time during the migration of that subscriber to US LEC service without prior US LEC agreement.
- 71.6.1.2.** For services provided through UNEs, CenturyLink shall recognize US LEC as an agent, in accordance with OBF developed processes, for the subscriber in coordinating the disconnection of services provided by another US LEC or CenturyLink. In addition, CenturyLink and US LEC will work cooperatively to minimize service interruptions during the conversion.
- 71.6.1.3.** Unless otherwise directed by US LEC and when technically capable, when US LEC orders resale Telecommunications Services all trunk or telephone numbers currently associated with existing services shall be retained without loss of feature capability and without loss of associated ancillary services including, but not limited to, Directory Assistance and 911/E911 capability.
- 71.6.1.4.** For subscriber conversions requiring coordinated cut-over activities, on a per order basis, CenturyLink, to the extent resources are readily available, and US LEC will agree on a scheduled conversion time, which will be a designated time period within a designated date.
- 71.6.1.5.** Any request made by US LEC to coordinate conversions after normal working hours, or on Saturdays or Sundays or CenturyLink holidays shall be performed at US LEC’s expense.
- 71.6.1.6.** A general Letter of Agency (LOA) initiated by US LEC or CenturyLink 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 US LEC or CenturyLink. US LEC and CenturyLink 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.

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

71.6.3. **Due Date**

71.6.3.1. CenturyLink shall supply US LEC with due date intervals to be used by US LEC personnel to determine service installation dates.

71.6.3.2. CenturyLink shall use reasonable efforts to complete orders by US LEC requested DDD within agreed upon intervals.

71.6.4. **Subscriber Premises Inspections and Installations**

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

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

71.6.5. **Firm Order Confirmation (FOC)**

71.6.5.1. CenturyLink shall provide to US LEC, a Firm Order Confirmation (FOC) for each US LEC order. The FOC shall contain the appropriate data elements as defined by the OBF standards.

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

71.6.5.3. CenturyLink shall provide to US LEC the date that service is scheduled to be installed.

#### **71.6.6. Order Rejections**

- 71.6.6.1.** CenturyLink shall reject and return to US LEC any order that CenturyLink cannot provision, due to technical reasons, missing information, or jeopardy conditions resulting from US LEC ordering service at less than the standard order interval. When an order is rejected, CenturyLink shall, in its reject notification, specifically describe all of the reasons for which the order was rejected. CenturyLink shall reject any orders on account of the customer Desired Due Date conflicts with published CenturyLink order provisioning interval requirements.

#### **71.6.7. Service Order Changes**

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

- 71.6.7.2.** When a service order is completed, the cost of the work performed will be reported promptly to US LEC.

- 71.6.7.3.** If a US LEC subscriber requests a service change at the time of installation or other work being performed by CenturyLink on behalf of US LEC, CenturyLink, while at the subscriber premises, shall direct US LEC subscriber to contact US LEC, and US LEC will initiate a new service order.

- 71.7. Network Testing.** CenturyLink shall perform all its standard pre-service testing prior to the completion of the service order.

- 71.8. Service Suspensions/Restorations.** Upon US LEC's request through an Industry Standard, OBF, Suspend/Restore Order, or mutually agreed upon interim procedure, CenturyLink shall suspend or restore the functionality of any Network Element, feature, function, or resale service to which suspend/restore is applicable. CenturyLink 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.

- 71.9. Order Completion Notification.** Upon completion of the requests submitted by US LEC, CenturyLink shall provide to US LEC 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.

71.10. Specific Unbundling Requirements. US LEC may order and CenturyLink shall provision unbundled Network Elements. However, it is US LEC's responsibility to combine the individual Network Elements should it desire to do so.

71.11. Systems Interfaces and Information Exchanges

71.11.1. General Requirements

71.11.1.1. CenturyLink shall provide to US LEC 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.

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

71.11.1.3. 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 US LEC to retrieve their response(s) from the server.

71.11.1.4. It is the responsibility of US LEC to provide CenturyLink with the LOA (Letter of Authorization) when another party is involved and is working on their behalf.

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

71.11.2.1. The preordering Electronic Interface includes the provisioning of CPNI from CenturyLink to US LEC. The Parties agree to execute a LOA agreement with the CenturyLink end user prior to requesting CPNI for that CenturyLink 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.

71.11.2.2. 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.

- 71.11.2.3. 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 CenturyLink, CenturyLink will perform a comparison of requests for CPNI to service orders received for the change of Local Service to US LEC. CenturyLink will produce a report of unmatched requests for CPNI, and may require an LOA from US LEC for each unmatched request. US LEC agrees to provide evidence of end user permission for receipt of CPNI for all end users in the request by CenturyLink within three (3) Business Days of receipt of a request from CenturyLink. Should CenturyLink determine that there has been a substantial percentage of unmatched LOA requests, CenturyLink reserves the right to immediately disconnect the preordering Electronic Interface.
- 71.11.2.4. If US LEC is not able to provide the LOA for ninety-five percent (95%) of the end users requested by CenturyLink, or if CenturyLink determines that an LOA is inadequate, US LEC will be considered in breach of the agreement. US LEC can cure the breach by submitting to CenturyLink evidence of an LOA for each inadequate or omitted LOA within three (3) Business Days of notification of the breach.
- 71.11.2.5. Should US LEC not be able to cure the breach in the timeframe noted above, CenturyLink will discontinue processing new service orders until, in CenturyLink's determination, US LEC has corrected the problem that caused the breach.
- 71.11.2.6. CenturyLink will resume processing new service orders upon CenturyLink's timely review and acceptance of evidence provided by US LEC to correct the problem that caused the breach.
- 71.11.2.7. If US LEC and CenturyLink do not agree that US LEC requested CPNI for a specific end user, or that CenturyLink has erred in not accepting proof of an LOA, the Parties may immediately request dispute resolution in accordance with Part B. CenturyLink will not disconnect the preordering Electronic Interface during the Alternate Dispute Resolution process.

71.12. US LEC may use CenturyLink's ordering process (IRES) to:

- 71.12.1. to assign telephone number(s) (if the subscriber does not already have a telephone number or requests a change of telephone number) at Parity.
  - 71.12.1.1. to schedule dispatch and installation appointments at Parity.
  - 71.12.1.2. to access CenturyLink subscriber information systems which will allow US LEC to determine if a service call is needed to install the line or service at Parity.
  - 71.12.1.3. to access CenturyLink information systems which will allow US LEC to provide service availability dates at Parity.
  - 71.12.1.4. transmit status information on service orders, including acknowledgement, firm order confirmation, and completion at Parity.

#### 71.13. Standards

- 71.13.1. General Requirements. US LEC and CenturyLink 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).

### 72. BILLING

- 72.1. CenturyLink shall comply with various industry, OBF, and other standards referred to throughout this Agreement. CenturyLink will review any changes to industry standards, and implement the changes within the industry-defined window. CenturyLink will notify US LEC of any deviations to the standards.
- 72.2. CenturyLink shall bill US LEC for each service supplied by CenturyLink to US LEC pursuant to this Agreement at the rates set forth in this Agreement.
- 72.3. CenturyLink shall provide to US LEC a single point of contact for interconnection and collocation at the National Access Service Center (NASC), and Network Elements and resale at CenturyLink'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.
- 72.4. CenturyLink 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.
- 72.5. Subject to the terms of this Agreement, US LEC shall pay CenturyLink 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.

- 72.6. 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 of this Agreement.
- 72.7. CenturyLink will assess late payment charges to US LEC in accordance with Part B, Section 7.4 of this Agreement.
- 72.8. CenturyLink shall credit US LEC 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 CenturyLink. Such reimbursements shall be set forth in the appropriate section of the Connectivity Bill pursuant to CABS, or SECAB standards.
- 72.9. Where Parties have established interconnection, CenturyLink and US LEC 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. CenturyLink and US LEC will exchange the appropriate records to bill exchange access charges to the IXC. CenturyLink and US LEC agree to capture EMI records for inward terminating and outward originating calls and send them to the other, as appropriate, in a daily or other agreed upon interval, via and agreed upon media (e.g.: Connect Direct or cartridge).
  - 72.9.1. CenturyLink will bill US LEC for message provisioning and, if applicable, data tape charges related to exchange access records. CenturyLink will bill US LEC for the records at the rates on Table One. If US LEC requests additional copies of the monthly invoice, CenturyLink may also bill US LEC for the additional copies.
- 72.10. Revenue Protection. CenturyLink shall make available to US LEC, at Parity with what CenturyLink provides to itself, its Affiliates and other local telecommunications US LECs, 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. CenturyLink 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.

### **73. PROVISION OF USAGE DATA**

- 73.1. This Section sets forth the terms and conditions for CenturyLink's provision of



Recorded Usage Data (as defined in this Part) to US LEC 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 transited through one Party's network to the terminating provider. CenturyLink shall record for US LEC the messages that CenturyLink 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 Telcordia's 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 on a cartridge. CenturyLink and US LEC 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.

## 73.2. General Procedures

73.2.1. CenturyLink shall comply with various industry and OBF standards referred to throughout this Agreement.

73.2.2. CenturyLink shall comply with OBF standards when recording and transmitting Usage Data.

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

73.2.3.1. Use of CLASS/LASS/Custom Features that CenturyLink records and bills for its end users on a per usage basis.

73.2.3.2. Calls to Information Providers (IP) reached via CenturyLink facilities will be provided in accordance with Section 73.2.7

73.2.3.3. Calls to Directory Assistance where CenturyLink provides such service to a US LEC end user.

73.2.3.4. Calls completed via CenturyLink-provided Operator Services where CenturyLink provides such service to US LEC's local service end user and where CenturyLink records such usage for its end users using Industry Standard Telcordia EMI billing records.

73.2.3.5. Access records related to long distance calling.

73.2.3.6. For CenturyLink-provided Centrex Service, station level detail.

73.2.4. Retention of Records. CenturyLink shall maintain a machine readable

back-up copy of the message detail provided to US LEC for a minimum of forty-five (45) calendar days. During the forty-five (45) day period, CenturyLink shall provide any data back-up to US LEC upon the request of US LEC. If the forty-five (45) day period has expired, CenturyLink may provide the data back-up at US LEC's expense.

- 73.2.5. CenturyLink shall provide to US LEC Recorded Usage Data for US LEC end users. CenturyLink shall not submit other US LEC local usage data as part of US LEC Recorded Usage Data.
- 73.2.6. CenturyLink shall not bill directly to US LEC subscribers any recurring or non-recurring charges for US LEC's services to the end user except where explicitly permitted to do so within a written agreement between CenturyLink and US LEC.
- 73.2.7. CenturyLink will record 976/N11 calls and transmit them to the IP for billing. CenturyLink will not bill these calls to either US LEC or US LEC's end user.
- 73.2.8. CenturyLink shall provide Recorded Usage Data to US LEC billing locations as agreed to by the Parties.
- 73.2.9. CenturyLink shall provide a single point of contact to respond to US LEC call usage, data error, and record transmission inquiries.
- 73.2.10. CenturyLink shall provide US LEC with a single point of contact and remote identifiers (IDs) for each sending location.
- 73.2.11. US LEC shall provide a single point of contact responsible for receiving usage transmitted by CenturyLink and receiving usage tapes from a courier service in the event of a facility outage.
- 73.2.12. CenturyLink shall bill and US LEC shall pay the charges for Recorded Usage Data. Billing and payment shall be in accordance with the applicable terms and conditions set forth herein.

### 73.3. Charges

- 73.3.1. Access Services, including revenues associated therewith, provided in connection with the resale of services hereunder shall be the responsibility of CenturyLink and CenturyLink shall directly bill and receive payment on its own behalf from an IXC for access related to interexchange calls generated by resold or rebranded customers.
- 73.3.2. CenturyLink 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).
- 73.3.3. CenturyLink will deliver a monthly statement for Wholesale Services in the medium (e.g.: NDM, paper, or CD-ROM) requested by US LEC as

follows:

- 73.3.3.1. Invoices will be provided in a standard Carrier Access Billing format or other such format as CenturyLink may determine;
  - 73.3.3.2. 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 US LEC will pay CenturyLink for providing such call detail;
  - 73.3.3.3. The Parties will work cooperatively to exchange information to facilitate the billing of in and out collect and inter/intra-region alternately billed messages;
  - 73.3.3.4. CenturyLink agrees to provide information on the end-user's selection of special features where CenturyLink maintains such information (e.g.: billing method, special language) when US LEC places the order for service;
  - 73.3.3.5. Monthly recurring charges for Telecommunications Services sold pursuant to this Agreement shall be billed monthly in advance.
  - 73.3.3.6. CenturyLink shall bill for message provisioning and, if applicable data tape charges, related to the provision of usage records. CenturyLink shall also bill US LEC for additional copies of the monthly invoice.
- 73.3.4. 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.

#### 73.4. Central Clearinghouse and Settlement

- 73.4.1. CenturyLink and US LEC shall agree upon Clearinghouse and Incollect/Outcollect procedures.
- 73.4.2. CenturyLink shall settle with US LEC for both intra-region and inter-region billing exchanges of calling card, bill-to-third party, and collect calls under separately negotiated settlement arrangements.

#### 73.5. Lost Data

- 73.5.1. Loss of Recorded Usage Data. US LEC Recorded Usage Data determined to have been lost, damaged or destroyed as a result of an error or omission by CenturyLink in its performance of the recording

function shall be recovered by CenturyLink at no charge to US LEC. In the event the data cannot be recovered by CenturyLink, CenturyLink shall estimate the messages and associated revenue, with assistance from US LEC, based upon the method described below. This method shall be applied on a consistent basis, subject to modifications agreed to by CenturyLink and US LEC. This estimate shall be used to adjust amounts US LEC owes CenturyLink for services CenturyLink provides in conjunction with the provision of Recorded Usage Data.

- 73.5.2. **Partial Loss.** CenturyLink 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 73.5.1 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.
- 73.5.3. **Complete Loss.** When CenturyLink is unable to recover data as discussed in Section 73.5.1 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.
- 73.5.4. **Estimated Volumes.** From message and minute volume reports for the entity experiencing the loss, CenturyLink 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. CenturyLink shall apply the appropriate average revenue per message (“arpm”) agreed to by US LEC and CenturyLink to the estimated message volume for messages for which usage charges apply to the subscriber to arrive at the estimated lost revenue.
- 73.5.5. 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.
- 73.5.6. If the loss occurs on a weekday that is a holiday (except Christmas and Mother’s day), CenturyLink shall use volumes from the two (2) preceding Sundays.
- 73.5.7. If the loss occurs on Mother’s day or Christmas day, CenturyLink shall use volumes from that day in the preceding year multiplied by a growth factor derived from an average of US LEC’s most recent three (3) month message volume growth. If a previous year’s message volumes are not available, a settlement shall be negotiated.

### 73.6. Testing, Changes and Controls

73.6.1. The Recorded Usage Data, EMI format, content, and transmission process shall be tested as agreed upon by US LEC and CenturyLink.

73.6.2. Control procedures for all usage transferred between CenturyLink and US LEC shall be available for periodic review. This review may be included as part of an Audit of CenturyLink by US LEC or as part of the normal production interface management function. Breakdowns which impact the flow of usage between CenturyLink and US LEC 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 US LEC and CenturyLink.

### 73.6.3. CenturyLink Software Changes

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

73.6.3.2. CenturyLink shall communicate the projected changes to US LEC's single point of contact so that potential impacts on US LEC processing can be determined.

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

73.6.3.4. If it is necessary for CenturyLink to request changes in the schedule, content or format of usage data transmitted to US LEC, CenturyLink shall notify US LEC.

### 73.6.4. US LEC Requested Changes:

73.6.4.1. US LEC may submit a purchase order to negotiate and pay for changes in the content and format of the usage data transmitted by CenturyLink.

73.6.4.2. When the negotiated changes are to be implemented, US LEC and/or CenturyLink shall arrange for testing of the modified data.

### 73.7. Information Exchange and Interfaces

73.7.1. Product/Service Specific. CenturyLink shall provide a Telcordia standard

42-50-01 miscellaneous charge record to support the Special Features Star Services if these features are part of CenturyLink's offering and are provided for CenturyLink's subscribers on a per usage basis.

**73.7.2. Rejected Recorded Usage Data**

73.7.2.1. Upon agreement between US LEC and CenturyLink, messages that cannot be rated and/or billed by US LEC may be returned to CenturyLink via CDN or other medium as agreed by the Parties. Returned messages shall be sent directly to CenturyLink in their original EMI format utilizing standard EMI return codes.

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

**74. GENERAL NETWORK REQUIREMENTS**

- 74.1. CenturyLink shall provide repair, maintenance and testing for all resold Telecommunications Services and such UNEs that CenturyLink is able to test, in accordance with the terms and conditions of this Agreement.
- 74.2. During the term of this Agreement, CenturyLink shall provide necessary maintenance business process support as well as those technical and systems interfaces at Parity. CenturyLink shall provide US LEC with maintenance support at Parity.
- 74.3. CenturyLink shall provide on a regional basis, a point of contact for US LEC to report vital telephone maintenance issues and trouble reports twenty four (24) hours and seven (7) days a week.
- 74.4. CenturyLink shall provide US LEC maintenance dispatch personnel on the same schedule that it provides its own subscribers.
- 74.5. CenturyLink shall cooperate with US LEC 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.
- 74.6. All CenturyLink employees or contractors who perform repair service for US LEC end users shall follow CenturyLink standard procedures in all their communications with US LEC end users. These procedures and protocols shall ensure that:

- 74.6.1. CenturyLink employees or contractors shall perform repair service that is equal in quality to that provided to CenturyLink end users; and
- 74.6.2. Trouble calls from US LEC shall receive response time priority that is equal to that of CenturyLink end users and shall be handled on a “first come first served” basis regardless of whether the end user is a US LEC end user or a CenturyLink end user.
- 74.7. CenturyLink shall provide US LEC 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 US LEC under this Agreement equal in quality to that currently provided by CenturyLink in the maintenance of its own network. US LEC shall perform its own testing for UNEs.
- 74.8. CenturyLink shall give maximum advanced notice to US LEC of all non-scheduled maintenance or other planned network activities to be performed by CenturyLink on any Network Element, including any hardware, equipment, software, or system, providing service functionality of which US LEC has advised CenturyLink may potentially impact US LEC end users.
- 74.9. 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.
- 74.10. On all misdirected calls from US LEC end users requesting repair, CenturyLink shall provide such US LEC end user with the correct US LEC repair telephone number as such number is provided to CenturyLink by US LEC. Once the Electronic Interface is established between CenturyLink and US LEC, CenturyLink agrees that US LEC may report troubles directly to a single CenturyLink repair/maintenance center for both residential and small business end users, unless otherwise agreed to by US LEC.
- 74.11. Upon establishment of an Electronic Interface, CenturyLink shall notify US LEC via such electronic interface upon completion of trouble report. The report shall not be considered closed until such notification is made. US LEC will contact its end user to determine if repairs were completed and confirm the trouble no longer exists.
- 74.12. CenturyLink shall perform all testing for resold Telecommunications Services.
- 74.13. CenturyLink shall provide test results to US LEC, if appropriate, for trouble clearance. In all instances, CenturyLink shall provide US LEC with the disposition of the trouble.
- 74.14. If CenturyLink initiates trouble handling procedures, it will bear all costs associated with that activity. If US LEC 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 US LEC will bear the cost.

## **75. MISCELLANEOUS SERVICES AND FUNCTIONS**

### **75.1. General**

75.1.1. To the extent that CenturyLink does not provide the services described in this Section 75 to itself, US LEC must contract directly with the service provider for such services.

### **75.1.2. Basic 911 and E911 General Requirements**

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

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

75.1.2.2.1. In a resale situation, where it may be appropriate for CenturyLink to update the ALI database, CenturyLink shall update such database with US LEC data in an interval at Parity with that experienced by CenturyLink end users.

75.1.2.2.2. CenturyLink shall transmit to US LEC 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.

75.1.2.3. In government jurisdictions where CenturyLink has obligations under existing agreements as the primary provider of the 911 System to the county (Host CenturyLink), US LEC shall participate in the provision of the 911 System as follows:

75.1.2.3.1. 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.

75.1.2.3.2. Host CenturyLink shall be responsible for maintaining the E-911 database. CenturyLink



shall be responsible for maintaining the E-911 routing database.

- 75.1.2.4. If a third party is the primary service provider to a government agency, US LEC 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 US LEC are totally separate from this Agreement and CenturyLink makes no representations on behalf of the third party.

**75.1.3. The following are Basic 911 and E911 Database Requirements**

- 75.1.3.1. The ALI database shall be managed by CenturyLink, but is the property of CenturyLink and US LEC for those records provided by US LEC.
- 75.1.3.2. 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.
- 75.1.3.3. US LEC shall be solely responsible for providing US LEC database records to CenturyLink for inclusion in CenturyLink's ALI database on a timely basis.
- 75.1.3.4. CenturyLink and US LEC shall arrange for the automated input and periodic updating of the E911 database information related to US LEC end users. CenturyLink shall work cooperatively with US LEC to ensure the accuracy of the data transfer by verifying it against the SIG. CenturyLink shall accept electronically transmitted files that conform to NENA Version #2 format.
- 75.1.3.5. US LEC shall assign an E911 database coordinator charged with the responsibility of forwarding US LEC end user ALI record information to CenturyLink or via a third-party entity, charged with the responsibility of ALI record transfer. US LEC assumes all responsibility for the accuracy of the data that US LEC provides to CenturyLink.
- 75.1.3.6. US LEC shall provide information on new subscribers to CenturyLink within one (1) business day of the order completion. CenturyLink shall update the database within two (2) business days of receiving the data from US LEC. If CenturyLink detects an error in US LEC provided data, the data shall be returned to US LEC within two (2) business days from when it was provided to CenturyLink. US LEC shall respond to requests from CenturyLink 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.

- 75.1.3.7. CenturyLink agrees to treat all data on US LEC subscribers provided under this Agreement as confidential and to use data on US LEC subscribers only for the purpose of providing E911 services.

## **75.2. Directory Listings Service Requests**

- 75.2.1. These requirements pertain to CenturyLink's Listings Service Request process that enables US LEC to (a) submit US LEC subscriber information for inclusion in Directory Listings databases; (b) submit US LEC subscriber information for inclusion in published directories; and (c) provide US LEC subscriber delivery address information to enable CenturyLink to fulfill directory distribution obligations.
- 75.2.2. When implemented by the Parties, CenturyLink 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, CenturyLink shall create a standard format and order process by which US LEC can place an order with a single point of contact within CenturyLink.
- 75.2.3. CenturyLink will provide to US LEC the following Directory Listing Migration Options, valid under all access methods, including but not limited to, Resale, UNEs and Facilities-Based:
- 75.2.3.1. Migrate with no Changes. Retain all white page listings for the subscriber in both DA and DL. Transfer ownership and billing for white page listings to US LEC.
  - 75.2.3.2. Migrate with Additions. Retain all white page listings for the subscriber in DL. Incorporate the specified additional listings order. Transfer ownership and billing for the white page listings to US LEC.
  - 75.2.3.3. Migrate with Deletions. Retain all white page listings for the subscriber in DL. Delete the specified listings from the listing order. Transfer ownership and billing for the white page listings to US LEC.
  - 75.2.3.4. To ensure accurate order processing, CenturyLink or its directory publisher shall provide to US LEC the following information, with updates promptly upon changes:
  - 75.2.3.5. A matrix of NXX to central office;
  - 75.2.3.6. Geographical maps if available of CenturyLink service area;
  - 75.2.3.7. 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;
  - 75.2.3.8. Listing format rules;
  - 75.2.3.9. Standard abbreviations acceptable for use in listings and addresses;
  - 75.2.3.10. Titles and designations; and

- 75.2.3.11. A list of all available directories and their Business Office close dates
- 75.2.4. Based on changes submitted by US LEC, CenturyLink shall update and maintain directory listings data for US LEC subscribers who:
  - 75.2.4.1. Disconnect Service;
  - 75.2.4.2. Change US LEC;
  - 75.2.4.3. Install Service;
  - 75.2.4.4. Change any service which affects DA information;
  - 75.2.4.5. Specify Non-Solicitation; and
  - 75.2.4.6. Are Non-Published, Non-Listed, or Listed.
- 75.2.5. CenturyLink shall not charge for storage of US LEC subscriber information in the DL systems.
- 75.2.6. US LEC shall not charge for storage of CenturyLink subscriber information in the DL systems.
- 75.3. Directory Listings General Requirements. US LEC 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 CenturyLink but rather are performed by and are under the control of the directory publisher. US LEC acknowledges that for a US LEC subscriber's name to appear in a directory, US LEC must submit a Directory Service Request (DSR). CenturyLink shall use reasonable efforts to assist US LEC in obtaining an agreement with the directory publisher that treats US LEC at Parity with the publisher's treatment of CenturyLink.

- 75.3.1. This Section 75.3 pertains to listings requirements published in the traditional white pages.
- 75.3.2. CenturyLink shall include in its master subscriber system database all white pages listing information for US LEC subscribers in CenturyLink territories where US LEC is providing local telephone exchange services and has submitted a DSR.
- 75.3.3. CenturyLink agrees to include one basic White pages listing for each US LEC customer located within the geographic scope of its White Page directories, at no additional charge to US LEC. A basic White Pages listing is defined as a customer name, address and either US LEC assigned number for a customer or the number for which number portability is provided, but not both numbers. Basic White Pages listings of US LEC customers will be interfiled with listings of CenturyLink and other LEC customers.
- 75.3.4. US LEC agrees to provide US LEC customer listing information, including without limitation directory distribution information, to CenturyLink, at no charge. CenturyLink will provide US LEC with the appropriate format for provision of US LEC customer listing information to CenturyLink. 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.
- 75.3.5. CenturyLink agrees to provide White Pages database maintenance services to US LEC. US LEC will be charged a Service Order entry fee upon submission of Service Orders into CenturyLink'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 CenturyLink's SOE System initially, and when Service Orders are entered in order to process a requested change to directory records.
- 75.3.6. US LEC customer listing information will be used solely for the provision of directory services, including the sale of directory advertising to US LEC customers.
- 75.3.7. In addition to a basic White Pages listing, CenturyLink will provide, tariffed White Pages listings (e.g.: additional, alternate, foreign and non-published listings) for US LEC to offer for resale to US LEC's customers.
- 75.3.8. CenturyLink, or its directory publisher, agree to provide White Pages distribution services to US LEC customers within CenturyLink's service territory at no additional charge to US LEC. CenturyLink represents that the quality, timeliness, and manner of such distribution services will be at Parity with those provided to CenturyLink and to

other US LEC customers.

- 75.3.9. CenturyLink agrees to include critical contact information pertaining to US LEC in the "Information Pages" of those of its White Pages directories containing information pages, if US LEC meets criteria established by its directory publisher. Critical contact information includes US LEC'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. US LEC will not be charged for inclusion of its critical contact information. The format, content and appearance of US LEC's critical contact information will conform to applicable CenturyLink directory publisher's guidelines and will be consistent with the format, content and appearance of critical contact information pertaining to all US LECs in a directory.
- 75.3.10. CenturyLink will accord US LEC customer listing information the same level of confidentiality that CenturyLink accords its own proprietary customer listing information. CenturyLink shall ensure that access to US LEC customer proprietary listing information will be limited solely to those of CenturyLink and CenturyLink'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. CenturyLink 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 US LEC that contains customer listings of both CenturyLink and US LEC will not be deemed a violation of this confidentiality provision.
- 75.3.11. CenturyLink will sell or license US LEC's customer listing information to any third Parties unless US LEC submits written requests that CenturyLink refrain from doing so. CenturyLink and US LEC will work cooperatively to share any payments for the sale or license of US LEC customer listing information to third Parties. Any payments due to US LEC for its customer listing information will be net of administrative expenses incurred by CenturyLink in providing such information to third Parties. The Parties acknowledge that the release of US LEC's customer listing to CenturyLink's directory publisher will not constitute the sale or license of US LEC's customer listing information causing any payment obligation to arise pursuant to this Section 75.3.11.
- 75.4. Other Directory Services. CenturyLink will exercise reasonable efforts to cause its directory publisher to enter into a separate agreement with US LEC which will address other directory services desired by US LEC as described in this Section 75.4. Both Parties acknowledge that CenturyLink's directory publisher is not a

party to this Agreement and that the provisions contained in this Section 75.4 are not binding upon CenturyLink's directory publisher.

75.4.1. CenturyLink's directory publisher will negotiate with US LEC concerning the provision of a basic Yellow Pages listing to US LEC customers located within the geographic scope of publisher's Yellow Pages directories and distribution of Yellow Pages directories to US LEC customers.

75.4.2. Directory advertising will be offered to US LEC customers on a nondiscriminatory basis and subject to the same terms and conditions that such advertising is offered to CenturyLink and other US LEC customers. Directory advertising will be billed to US LEC customers by directory publisher.

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

75.4.4. Information pages, in addition to any information page or portion of an information page containing critical contact information as described above in Section 75.3.9 may be purchased from CenturyLink's directory publisher, subject to applicable directory publisher guidelines, criteria, and regulatory requirements.

75.4.5. 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.

75.5. Directory Assistance Data. This Section refers to the residential, business, and government subscriber records used by CenturyLink 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 US LECs 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, CenturyLink shall provide unbundled and non-discriminatory access to the residential, business and government subscriber records used by CenturyLink to create and maintain databases for the provision of live or automated operator assisted Directory Assistance. This access shall be provided under separate contract.

**75.6. Systems Interfaces and Exchanges**

**75.6.1. Directory Assistance Data Information Exchanges and Interfaces**

**75.6.1.1. Subscriber List Information**

**75.6.1.2.** CenturyLink shall provide to US LEC, at US LEC's request, all published Subscriber List Information (including such information that resides in CenturyLink'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 CenturyLink provides Subscriber List Information to itself or to other third Parties. All changes to the Subscriber List Information shall be provided to US LEC 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.

**75.6.1.3.** US LEC shall provide directory listings to CenturyLink 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.

**75.7. Listing Types**

<b>LISTED</b>	The listing information is available for all directory requirements.
<b>NON-LISTED</b>	The listing information is available to all directory requirements, but the information does not appear in the published street directory.
<b>NON-PUBLISHED</b>	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 K - REPORTING STANDARDS**

### **76. GENERAL**

- 76.1. CenturyLink 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, CenturyLink's performance under this agreement shall be provided to US LEC at parity with the performance CenturyLink provides itself for like service(s).

## **PART K – COLLOCATION**

### **77. SCOPE OF COLLOCATION TERMS**

- 77.1. CenturyLink will provide Collocation to US LEC in accordance with this Agreement for the purposes of Interconnection to CenturyLink pursuant to the Act (including 47 U.S.C. § 251(c)(2)) and for obtaining access to CenturyLink'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)).
- 77.2. Prices and fees for collocation and other services under this Agreement are contained in Table Two. In the event CenturyLink 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.
- 77.3. This Agreement states the general terms and conditions upon which CenturyLink will grant to US LEC 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 US LEC's equipment, which will interconnect with Telecommunications Services and facilities provided by CenturyLink or others in accordance with this Agreement.

### **78. TERMINATION OF COLLOCATION SPACE**

- 78.1. US LEC may terminate occupancy in a particular Collocation Space upon thirty (30) Days prior written notice to CenturyLink. Upon termination of such occupancy, US LEC at its expense shall remove its equipment and other property from the Collocation Space. US LEC shall have thirty (30) Days from the termination date to complete such removal, including the removal of all equipment and facilities of US LEC's Guests; provided, however, that US LEC shall continue payment of monthly fees to CenturyLink until such date as US LEC has fully vacated the Collocation Space. US LEC will surrender the Collocation Space to CenturyLink in the same condition as when first occupied by US LEC, except for ordinary wear and tear.
- 78.2. US LEC 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.
- 78.3. Upon termination of US LEC's right to possession of a Collocation Space, US LEC 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 CenturyLink will have the right to remove the equipment and other property of US LEC or US LEC's Guest at US LEC's expense and with no liability for damage or injury to US LEC's property.

- 78.4. Should CenturyLink under any section of this Agreement remove any of US LEC's equipment from its Collocation Space, CenturyLink will deliver to US LEC any equipment removed by CenturyLink only upon payment by US LEC of the cost of removal, storage and delivery, and all other amounts due CenturyLink under this Agreement. Should US LEC fail to remove any of its equipment deemed abandoned, title thereto shall pass to CenturyLink under this Agreement as if by a Bill of Sale. Nothing herein shall limit CenturyLink from pursuing, at its option, any other remedy in law, equity, or otherwise related to US LEC's occupancy in the Collocation Space, including any other remedy provided in this Agreement.
- 78.5. US LEC shall surrender all keys, access cards and CenturyLink-provided photo identification cards to the Collocation Space and the Building to CenturyLink, and shall make known to CenturyLink the combination of all combination locks remaining on the Collocation Space.
- 78.6. If it becomes necessary in CenturyLink's reasonable judgment, and there are no other reasonable alternatives available, CenturyLink 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 CenturyLink-provided facility in order to fulfill its common carrier obligations, any order or rule of the state commission or the FCC, or CenturyLink's tariffs to provide Telecommunications Services to its end user customers. In such cases, CenturyLink will reimburse US LEC for reasonable direct costs and expenses in connection with such reclamation.
- 78.7. If it becomes necessary in CenturyLink's reasonable judgment, and there are no other reasonable alternatives, to require US LEC to move to equivalent space in the Premises upon receipt of sixty (60) Days written notice from CenturyLink, in which event, CenturyLink shall pay all moving costs, and the Collocation License Fee provided for herein shall remain the same.

## **79. COLLOCATION OPTIONS**

- 79.1. CenturyLink will offer Collocation Space to allow US LEC to collocate its equipment and facilities, and without requiring the construction of a cage or similar structure. CenturyLink shall make cageless collocation available in single bay increments. For equipment requiring special technical considerations, US LEC 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.

79.2. CenturyLink will authorize the enclosure of US LEC's equipment and facilities at US LEC's option. CenturyLink will provide guidelines and specifications upon request. Based on US LEC'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 US LEC's option, CenturyLink will permit US LEC to arrange with a third party vendor to construct a Collocation Arrangement enclosure at US LEC's sole expense. US LEC'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 US LEC directly for all work performed for US LEC and CenturyLink will have no liability for nor responsibility to pay such charges imposed by the third party vendor. US LEC must provide the local CenturyLink building contact with one Access key used to enter the locked enclosure. Except in case of emergency, CenturyLink will not access US LEC's locked enclosure prior to notifying US LEC and obtaining authorization.

79.2.1. CenturyLink has the right to review US LEC's plans and specifications prior to allowing construction to start. CenturyLink will complete its review within fifteen (15) Days of receipt of such plans. CenturyLink has the right to inspect the enclosure after construction to make sure it is constructed according to the submitted plans and specifications. CenturyLink can require US LEC to remove or correct, at its cost, any structure that does not meet these plans.

79.3. US LEC may allow other Telecommunications Carriers to share its caged Collocation Arrangement pursuant to terms and conditions agreed to by US LEC ("Host") and other Telecommunications Carriers ("Guests"). US LEC will notify CenturyLink 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 US LEC that said agreement imposes upon the Guest(s) the same terms and conditions (excluding rates) for Collocation Space as set forth in this Agreement.

79.3.1. As Host, US LEC will be the sole interface and responsible party to CenturyLink 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, CenturyLink will not increase the cost of site preparation or nonrecurring charges above the cost of provisioning a similar caged arrangement to a US LEC.

79.3.2. CenturyLink will not place unreasonable restrictions on US LEC's use of a cage, and as such will allow US LEC to contract with other US LECs to share the cage in a sublease type arrangement. If two (2) or more US

LECs that have interconnection agreements with CenturyLink utilize a shared collocation cage, CenturyLink will permit each US LEC to order UNEs and provision service from the shared Collocation Space, regardless of which US LEC was the original collocator.

79.3.3. 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.

79.4. CenturyLink 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 CenturyLink property where the adjacent structure (such as a CEV or similar structure) will be placed. If a mutual agreement cannot be reached, CenturyLink will decide the location, subject to zoning or other state and local regulations and future use by CenturyLink or other requesting Telecommunications Carriers pursuant to an application submitted under Section 81.

- 79.4.1. US LEC 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 CenturyLink point of interconnection. Should US LEC elect such an option, US LEC must arrange with a third party vendor to construct an Adjacent Arrangement structure in accordance with this Agreement.
- 79.4.2. CenturyLink maintains the right to review US LEC's plans and specifications prior to construction of an Adjacent Arrangement(s). CenturyLink 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 US LEC. CenturyLink may inspect the Adjacent Arrangement(s) following construction and prior to commencement to ensure the design and construction comply with submitted plans. CenturyLink may require US LEC to correct any deviations from approved plans found during such inspection(s).
- 79.4.3. CenturyLink will provide AC power, as requested, subject to being technically feasible. At its option, US LEC 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 CenturyLink's.
- 79.4.4. Subject to US LEC being on the waiting list, in the event that space in a CenturyLink Premises becomes available, CenturyLink will provide the option to US LEC to relocate its equipment from an Adjacent Facility into the CenturyLink Premises. In the event US LEC chooses to relocate its equipment, appropriate charges will apply, including charges to vacate the adjacent Collocation Arrangement and charges applicable for collocation within the CenturyLink Premises.
- 79.5. To the extent possible, CenturyLink will provide US LEC with contiguous space for any subsequent request for physical Collocation Space, but makes no assurances that contiguous space will be available.
- 79.6. CenturyLink 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).

- 79.6.1. US LEC may lease to CenturyLink, at no cost to CenturyLink, equipment that meets applicable FCC requirements and in accordance with this Agreement, for the sole purpose of having CenturyLink install and maintain the equipment in accordance with terms and conditions mutually agreed upon by the Parties.
- 79.6.2. Virtually collocated equipment shall be purchased by US LEC. CenturyLink does not assume any responsibility for the design, engineering, testing or performance for the end-to-end connection of US LEC's equipment, arrangement or facilities.
- 79.6.3. CenturyLink will install, maintain, and repair US LEC'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 CenturyLink, CenturyLink's affiliates or third Parties. The following services are not covered by this Agreement:
- 79.6.3.1. services to resolve software or hardware problems resulting from products provided by Parties other than CenturyLink or causes beyond the control of CenturyLink;
  - 79.6.3.2. service of attached, related, collateral or ancillary equipment or software not covered by this Section;
  - 79.6.3.3. repairing damage caused to US LEC's collocated equipment by persons other than CenturyLink, or its authorized contractors, or
  - 79.6.3.4. repairing damage to other property or equipment caused by operation of US LEC's collocated equipment and not caused by the sole negligence of CenturyLink.
- 79.6.4. US LEC warrants that CenturyLink shall have quiet enjoyment of the equipment. CenturyLink 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 US LEC for the benefit of CenturyLink and US LEC shall take all reasonable action to enforce such warranties and indemnities where available to CenturyLink. US LEC shall execute, upon presentation, such documents and instruments as may be required to allow CenturyLink manufacturer's warranty coverage for any equipment. US LEC 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.
- 79.6.4.1. In the event CenturyLink's right to quiet enjoyment is breached, either by US LEC'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, CenturyLink may give written notice to US LEC and all of CenturyLink's obligations relating to the affected equipment shall terminate immediately.

- 79.6.5. CenturyLink's preparation, if any, of the Premises (e.g., Power, environmental, etc.) for the Virtual Collocation equipment will be charged to US LEC at rates on Table Two or as filed in a tariff and approved by the Commission.

## **80. DEMARCATION POINT**

- 80.1. CenturyLink will designate the point of demarcation, unless otherwise mutually agreed to by the Parties, in or adjacent to its Collocation Space. At US LEC's request, CenturyLink will identify the location(s) of other possible Demarcation Points available to US LEC, and US LEC will designate from these location(s) the point(s) of demarcation between its collocated equipment and CenturyLink's equipment. CenturyLink will use its best efforts to identify the closest Demarcation Point to US LEC's equipment that is available.
- 80.2. Each Party will be responsible for maintenance and operation of all equipment/facilities on its side of the Demarcation Point.
- 80.3. At US LEC'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 US LEC's option, serve as the Demarcation Point. If US LEC elects not to provide a POT frame, CenturyLink will agree to handoff the interconnection cables to US LEC at its equipment, at US LEC's designated Demarcation Point. When US LEC elects to install its own POT frame/cabinet, CenturyLink must still provide and install the required DC power panel.

## **81. APPLICATION PROCESS**

- 81.1. Upon US LEC's selection of a Premises in which it desires to collocate its Equipment, CenturyLink will provide a then current collocation application form (the "Application") to US LEC. US LEC 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 US LEC'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.
- 81.1.1. US LEC will complete the Application, and return it, along with the appropriate Application Fee, to CenturyLink. 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. CenturyLink will not process an Application until both the Application and the applicable Application



fee are received.

- 81.1.2. In the event US LEC desires to modify or decommission the use of the Collocation Space in a manner that requires additional engineering or preparation work by CenturyLink, US LEC will complete a subsequent Application 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.
- 81.1.3. Where US LEC modifies the use of the Collocation Space or adds equipment that requires no additional engineering or preparation work on the part of CenturyLink, CenturyLink will not impose additional charges or additional intervals that would delay US LEC's operation. US LEC will notify CenturyLink of the modifications or additional equipment prior to installation.
- 81.1.4. If Collocation Space is unavailable or US LEC withdraws its request, the Application fee, less the costs incurred by CenturyLink (e.g. engineering record search and administrative activities required to process the Application) will be refunded.
- 81.2. If US LEC wishes CenturyLink to consider multiple methods for collocation on a single Application, US LEC 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 CenturyLink to process the Application for each of the preferred methods. If US LEC provides adequate information and its preferences with its Application, CenturyLink may not require an additional Application, nor would US LEC 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. CenturyLink will not select for US LEC the type of collocation to be ordered.
- 81.3. Within ten (10) Days after receiving US LEC's Application for collocation, CenturyLink will inform US LEC whether the Application meets each of CenturyLink's established collocation standards. Should US LEC submit a revised Application curing any deficiencies in an Application for collocation within ten days after being informed of them, US LEC shall retain its original position within any collocation queue that CenturyLink maintains. If CenturyLink informs US LEC that there is a deficiency in an Application, CenturyLink will provide sufficient detail so that US LEC has a reasonable opportunity to cure each deficiency.
- 81.4. All revisions to an initial request for a Physical Collocation Arrangement submitted by US LEC 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. US LEC will be required to pay any applicable Application fees.

- 81.5. CenturyLink 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.

81.5.1. CenturyLink will notify US LEC 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.

81.5.2. In order to increase the amount of space available for collocation, CenturyLink will, upon request, remove obsolete unused equipment, from its Premises to increase the amount of space available for collocation.

- 81.6. After notifying US LEC that CenturyLink has no available space for Physical Collocation in the requested Central Office ("Denial of Application"), CenturyLink will allow US LEC, 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 CenturyLink within five (5) Days of the Denial of Application.

81.6.1. If US LEC contests CenturyLink's notice that there is not sufficient space for Physical Collocation 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, CenturyLink will not be required to conduct a review of floor space availability in the same central office more frequently than once every six months.

81.6.2. On a first come, first serve basis, CenturyLink 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.

81.6.3. CenturyLink 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 US LEC has been denied Physical Collocation Space at a CenturyLink Premises and challenges CenturyLink on space availability at said Premises, US LEC will be given priority for space assignment if, as a result of the challenge, space is found to be available. US LEC 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, CenturyLink will advise US LEC as to its position on the list.

- 81.6.4. If US LEC's Application for Physical Collocation is denied due to lack of space, CenturyLink will place US LEC on the waiting list for collocation in particular Premises according to the date US LEC submitted its Application and not the date of denial for lack of space.
- 81.6.5. CenturyLink will maintain on its Website a notification document that will indicate all Premises that are without available space. CenturyLink will update such document within ten (10) Days of the date at which a Premises runs out of physical Collocation Space.
- 81.7. CenturyLink 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.
- 81.8. US LEC has thirty (30) Days from receipt of the quotation to accept the quotation in writing. 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. CenturyLink need not meet the deadlines for provisioning Physical Collocation if, after receipt of any price quotation provided by CenturyLink, US LEC does not notify CenturyLink that physical collocation should proceed.
- 81.9. US LEC will indicate its intent to proceed with equipment installation in a CenturyLink Premises by accepting the price quote, which constitutes a Bona Fide Firm Order ("BFFO"). If US LEC makes changes to its Application in light of CenturyLink's written Application Response, CenturyLink may be required to re-evaluate and respond to the change(s). In this event, US LEC's Application will be treated as a Revision.
- 81.10. Space preparation for the Collocation Space will not begin until CenturyLink receives the BFFO and all applicable fees, including all non-recurring charges required by CenturyLink at the time of the BFFO.

## **82. SPACE RESERVATION**

- 82.1. 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 81. Neither CenturyLink, 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.

## **83. PROVISIONING INTERVALS**

- 83.1. CenturyLink will complete construction of Caged Physical (including Shared Caged), Cageless Physical, and Virtual Collocation Arrangements within ninety (90) Days of receipt of a BFFO. CenturyLink will complete construction of

Adjacent Collocation Arrangements (as defined in 79.4) within one hundred-twenty (120) Days of receipt of a BFFO. If CenturyLink is unable to complete construction as provided herein, the Parties may agree to a mutually acceptable interval or CenturyLink may petition the Commission for waiver.

#### **84. CONSTRUCTION AND COMMENCEMENT OF BILLING**

- 84.1. CenturyLink shall permit US LEC or its designated subcontractor to perform the construction of physical Collocation Space, provided however, that any such US LEC subcontractor shall be subject to CenturyLink's security standards. CenturyLink reserves the right to reject any US LEC subcontractor upon the same criteria that CenturyLink would use on its own subcontractors. US LEC will notify CenturyLink in writing when construction of physical Collocation Space is complete.
- 84.2. CenturyLink shall have the right to inspect US LEC's completed installation of equipment and facilities prior to US LEC turning up such equipment and facilities. US LEC shall provide written notification to CenturyLink when US LEC has completed its installation of equipment and facilities in the Collocation Space, and CenturyLink shall, within five (5) Business Days of receipt of such notice, either (i) inspect such Collocation Space or (ii) notify US LEC that CenturyLink is not exercising its right to inspect such Collocation Space at that time and that US LEC may turn up its equipment and facilities. Failure of CenturyLink to either inspect the Collocation Space or notify US LEC of its election not to inspect such space within the foregoing five (5) Business Day period shall be deemed an election by CenturyLink not to inspect such Collocation Space. US LEC shall have the right to be present at such inspection, and if US LEC is found to be in non-compliance with the terms and conditions of this Agreement that relate to the installation and use of US LEC's Collocated equipment and facilities, US LEC shall modify its installation to achieve compliance prior to turning up its equipment and facilities.
- 84.3. To the extent CenturyLink performs the construction of the Physical Collocation Arrangement, CenturyLink shall construct the Collocated Space in compliance with a mutually agreed to collocation request. Any deviation to US LEC's order must thereafter be approved by US LEC. The Parties acknowledge that US LEC approved deviations may require additional construction time and may incur additional US LEC expenses. US LEC shall pay the incremental cost incurred by CenturyLink as the result of any Revision to the Collocation request. US LEC will pay all applicable fees, including any nonrecurring charges required by CenturyLink, prior to CenturyLink commencing construction of the Collocation Space.
- 84.4. US LEC will be responsible for all extraordinary costs, as determined in accordance with the Act, incurred by CenturyLink to prepare the Collocation Space for the installation of US LEC's equipment and for extraordinary costs to maintain the Collocation Space for US LEC'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. CenturyLink will charge for these extraordinary costs on a time-sensitive or time-and-materials basis and will allocate the costs fairly among itself, US LEC and other collocators. An estimate of such costs, as determined in accordance with the Act, will be provided to US LEC prior to commencing such work. Extraordinary costs will only be billed to US LEC if such costs have been authorized by US LEC. CenturyLink must advise US LEC if extraordinary costs will be incurred.

- 84.5. 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.
- 84.6. CenturyLink will notify US LEC when construction of a Collocation Space is complete. The Parties will complete an acceptance walk through of each provisioned Collocation Space. CenturyLink will commence to correct any deviations to US LEC's original or jointly amended requirements within five (5) Days after the walk through. If US LEC does not conduct an acceptance walk through within fifteen (15) Days of the notification that the Collocation Space construction is complete, US LEC will be deemed to have accepted the Collocation Space and billing will commence.
- 84.7. US LEC must submit a written request to cancel its order for Physical, Caged, Shared Cage, Adjacent Space, or Virtual Collocation. US LEC will reimburse CenturyLink 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.

## **85. EQUIPMENT**

- 85.1. US LEC may only locate equipment necessary for interconnection to CenturyLink and accessing CenturyLink'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).
- 85.2. US LEC'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.
- 85.3. All equipment to be collocated must meet Level 1 safety requirements as set forth in Telcordia Network Equipment and Building Specifications ("NEBS"), but CenturyLink will not impose safety requirements on US LEC that are more stringent than the safety requirements it imposes on its own equipment. If CenturyLink denies collocation of US LEC's equipment, citing safety standards, CenturyLink must provide to US LEC within five (5) Business Days of the denial a list of all equipment that CenturyLink locates within the Premises in question,

together with an affidavit attesting that all of that equipment meets or exceeds the safety standard that CenturyLink contends the competitor's equipment fails to meet. In the event that CenturyLink believes that the collocated equipment is not necessary for interconnection or access to unbundled Network Elements or determines that US LEC's equipment does not meet NEBS Level 1 safety requirements, US LEC 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, CenturyLink will not prevent or otherwise delay installation of the disputed equipment in the Collocation Space; however, US LEC will not activate the equipment during the pendency of the dispute.

- 85.4. US LEC must notify CenturyLink in writing that collocation equipment installation is complete and is operational with CenturyLink's network. If US LEC fails to place operational telecommunications equipment in the collocated space and connect with CenturyLink's network within one-hundred-eighty (180) Days of US LEC's acceptance of CenturyLink's price quote, or other time period mutually agreed to by US LEC and CenturyLink, CenturyLink may terminate the applicable Collocation Space upon written notice. US LEC will reimburse CenturyLink 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.

## **86. AUGMENTS AND ADDITIONS**

- 86.1. When US LEC modifies the Collocation Arrangement or adds equipment that requires no additional space preparation work on the part of CenturyLink, CenturyLink may not impose additional charges or additional intervals that would delay US LEC's operation. US LEC will notify CenturyLink of the modifications or additional equipment prior to installation.
- 86.2. In the event US LEC desires to modify or decommission the use of the Collocation Space in a manner that requires additional engineering or preparation work by CenturyLink, US LEC 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.
- 86.3. US LEC 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, CenturyLink will work cooperatively with US LEC to negotiate mutually agreeable construction intervals for augments.

## **87. USE OF COMMON AREAS**

- 87.1. US LEC, 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 CenturyLink 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 US LEC at the Collocation Space; provided, however, that CenturyLink shall have the right to reserve parking spaces for CenturyLink's exclusive use or use by other occupants of the Building. CenturyLink does not guarantee that there is or will be sufficient parking spaces in parking areas to meet US LEC's needs. CenturyLink does not guarantee that restroom facilities or water will be available. All common areas shall remain under the exclusive control and management of CenturyLink, and CenturyLink shall have the right to change the level, location and arrangement of parking areas and other common areas, as CenturyLink may deem necessary. Use of all common areas shall be subject to such reasonable rules and regulations as CenturyLink may from time to time impose, consistent with US LEC's right to access its Collocation Space.
- 87.2. CenturyLink, 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 CenturyLink, for the non-exclusive use of US LEC, CenturyLink and any other building occupant. US LEC shall not waste or permit the waste of water.
- 87.3. CenturyLink shall furnish Building and Premises security in accordance with its normal business practices. Other than the locks on the entrances to the Collocation Space, CenturyLink shall provide no security specific to US LEC's Collocation Space. CenturyLink shall not be liable to US LEC or any other party for loss of or damage to the Collocation Space or US LEC equipment unless CenturyLink has failed to provide Building and Premises security in accordance with its normal business practices.
- 87.4. CenturyLink shall furnish passenger elevator service as necessary to reach the Collocation Space or common areas to which US LEC has access pursuant to the terms of this Agreement 24 hours a day, seven days a week. Freight elevator service when used by US LEC's contractors, employees or agents shall be provided in a non-discriminatory manner as reasonably determined by CenturyLink.

## **88. CO-CARRIER CROSS CONNECTION**

- 88.1. Co-carrier cross-connects ("CCXCs") are connections between US LEC and another collocated Telecommunications Carrier other than CenturyLink, and are only available when both Collocation Arrangements (either caged, cageless, and/or virtual) being interconnected are within the same CenturyLink premises, provided that the collocated equipment is also used for interconnection with

CenturyLink and/or for access to CenturyLink's unbundled Network Elements. CenturyLink shall provide such CCXCs from US LEC's Collocation Arrangement to the Collocation Arrangement of another Telecommunications Carrier in the same CenturyLink premises under the terms and conditions of this Agreement. CCXC is provided at the same transmission level from US LEC to another Telecommunications Carrier.

88.1.1. CenturyLink will provide such CCXCs for non-adjacent Collocation Arrangements at the expense of US LEC per US LEC's request. CenturyLink will provide connections between US LEC's own non-adjacent virtual and/or physical Collocation Arrangements within the same central office at the expense of US LEC and provisioned per US LEC's order.

88.1.2. CenturyLink, at its sole discretion, shall permit US LEC to self-provision CCXCs to interconnect its network with that of another adjacently collocated Telecommunications Carrier in the same CenturyLink premises without application.

88.1.3. In those cases where US LEC's virtual and/or physical Collocation Space is adjacent in the central office, US LEC may have the option, at CenturyLink's sole discretion, of using US LEC's own technicians to deploy direct connections ("DCs") using either electrical or optical facilities between the Collocation Spaces and constructing its own dedicated cable support structure according to CenturyLink's technical and safety standards.

88.2. 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).

## **89. RATES**

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

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

89.3. 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 CenturyLink is required to upgrade a Premises, or portion of the Premises to comply with the ADA which arises as a direct result of US LEC's Collocation Arrangement, CenturyLink will prorate the total forward-looking economic cost of the upgrade, and allocate the charge to each US LEC collocated within the



Premises, based on the total space utilized by each collocated US LEC. Should CenturyLink benefit in any way whatsoever from the ADA upgrades, it shall share in the proration of costs. Should CenturyLink be the sole beneficiary of an upgrade (e.g., an upgrade would have had to be made regardless of whether or not a US LEC was collocated in the Premises), CenturyLink shall absorb all of the costs related to such an upgrade.

#### **89.4. Facility Modifications**

- 89.4.1. 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.
- 89.4.2. 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.
- 89.4.3. 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.
- 89.4.4. 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.
- 89.4.5. Parties requesting or joining in a modification also will be responsible for resulting costs to maintain the facility on an ongoing basis.

### **90. CENTURYLINK SERVICES AND OBLIGATIONS**

- 90.1. CenturyLink 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. CenturyLink shall furnish air conditioning and/or other environmental controls for the Collocation Space based on information provided by US LEC to CenturyLink in its Application which US LEC hereby represents to CenturyLink is sufficient to allow US LEC equipment to function without risk of harm or damage to the Collocation Space, the Building or any equipment or facilities of CenturyLink 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.

- 90.1.1. If US LEC locates equipment or facilities in the Collocation Space which CenturyLink determines, in the exercise of its sole discretion, affect the temperature or other environmental conditions otherwise maintained by CenturyLink in the Building, CenturyLink 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 US LEC's equipment or facilities shall be paid by US LEC to CenturyLink. If supplementary air conditioning units or other environmental control devices are required for more than one US LEC each US LEC 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.
- 90.2. If CenturyLink, in the exercise of its reasonable business judgment, determines that the electricity provided to US LEC pursuant to this Section is insufficient to support the activity being carried on by US LEC in the Collocation Space, CenturyLink may require the installation of additional electrical circuits to provide US LEC with additional electricity and US LEC shall reimburse CenturyLink for any expenses incurred in making such additional electrical circuits available to US LEC's Collocation Space. US LEC shall also pay for additional electricity provided via these circuits.
- 90.2.1. US LEC covenants and agrees that CenturyLink shall not be liable or responsible to US LEC for any loss, damage or expense which US LEC may sustain or incur if either the quality or character of electrical service is changed or is no longer suitable for US LEC's requirements.
- 90.2.2. US LEC 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 US LEC's equipment shall not exceed the requested capacity.
- 90.2.3. Central office power supplied by CenturyLink into US LEC equipment area shall be supplied in the form of power feeders (cables) on cable racking into the designated US LEC equipment area. The power feeders (cables) shall efficiently and economically support the requested quantity and capacity of US LEC equipment. The termination location shall be as agreed by the Parties.
- 90.2.4. CenturyLink shall provide power as requested by US LEC to meet US LEC's need for placement of equipment, interconnection, or provision of service.
- 90.2.5. CenturyLink power equipment supporting US LEC's equipment shall:

- 90.2.5.1. 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 CenturyLink equipment;
- 90.2.5.2. Have redundant power feeds with physical diversity and battery back-up as required by the equipment manufacturer's specifications for US LEC equipment, or, at minimum, at parity with that provided for similar CenturyLink equipment;
- 90.2.5.3. Provide, upon US LEC's request and at US LEC's expense, the capability for real time access to power performance monitoring and alarm data that impacts (or potentially may impact) US LEC traffic;
- 90.2.5.4. Provide central office ground, connected to a ground electrode located within the Collocated Space, at a level above the top of US LEC equipment plus or minus 2 feet to the left or right of US LEC's final request; and
- 90.2.5.5. Provide feeder cable capacity and quantity to support the ultimate equipment layout for US LEC's equipment in accordance with US LEC's collocation request.
- 90.2.6. CenturyLink shall provide cabling that adheres to Telcordia Network Equipment Building System (NEBS) standards GR-63-CORE Issue 2;
- 90.2.7. CenturyLink shall provide Lock Out-Tag Out and other electrical safety procedures and devices in conformance with the most stringent of OSHA or industry guidelines.
- 90.2.8. CenturyLink will provide US LEC 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 US LEC equipment located in CenturyLink facility. CenturyLink shall provide US LEC immediate notification by telephone of any emergency power activity that would impact US LEC's equipment.
- 90.3. Subject to the provisions of Section 90.3.3 hereof, CenturyLink 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. CenturyLink 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.
  - 90.3.1. Stand alone fire extinguishers will be provided in and about the

Building and the Collocation Space by CenturyLink as required by applicable fire codes.

90.3.2. CenturyLink and CenturyLink's insurance carriers will perform regular inspections of fire protection systems, and US LEC hereby agrees to provide CenturyLink and CenturyLink's insurance carriers access to the Collocation Space for purposes of such inspections, via pass key or otherwise. CenturyLink agrees to provide US LEC with notice of its intent to access US LEC's Collocation Space where, in CenturyLink's sole discretion, such notice is practicable; provided, however, that no failure of CenturyLink to give such notice will affect CenturyLink's right of access or impose any liability on CenturyLink. CenturyLink 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 US LEC, its employees, agents or invitees, in which case US LEC shall reimburse CenturyLink for the cost of such repair or replacement. If a Halon or alternative fire suppression system is in place, US LEC shall, if at fault, and at CenturyLink's option, replace Halon or other fire extinguishing material discharged as a result of US LEC's act or omission. US LEC shall have no duty to inspect fire protection systems outside the Collocation Space; provided, however, if US LEC is aware of damage to the fire protection systems it shall promptly notify CenturyLink.

90.3.3. US LEC is aware the Collocation Space will contain a fire detection system and may contain a fire suppression system. In the event of discharge, CenturyLink 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 CenturyLink, its officers, agents or employees.

90.4. CenturyLink 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 CenturyLink's normal business practices.

90.4.1. CenturyLink 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 US LEC. If CenturyLink shall fail to commence the repairs or maintenance within twenty (20) Days after written notification, provided that the delay are not caused by US LEC, US LEC's sole right and remedy shall be, after further notice to CenturyLink, 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.

90.4.2. CenturyLink shall, where practical, provide US LEC with twenty-four

(24) hours prior notice before making repairs and/or performing maintenance on the Collocation Space; provided, however, that CenturyLink shall have no obligation to provide such notice if CenturyLink 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 CenturyLink. US LEC shall pay CenturyLink for overtime and for any other expenses incurred if such work is done during other than normal working hours at US LEC's request. US LEC shall have the right, at its sole expense, to be present during repair or maintenance of the Collocation Space.

90.4.3. The cost of all repairs and maintenance performed by or on behalf of CenturyLink to the Collocation Space which are, in CenturyLink's reasonable judgment, beyond normal repair and maintenance, or are made necessary as a result of misuse or neglect by US LEC or US LEC's employees, invitees or agents, shall be paid by US LEC to CenturyLink within ten (10) Days after being billed for the repairs and maintenance by CenturyLink.

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

90.6. CenturyLink reserves the right to stop any service when CenturyLink deems such stoppage necessary by reason of accident or emergency, or for repairs, improvements or otherwise; however, CenturyLink agrees to use its best efforts not to interfere with US LEC's use of Collocation Space. CenturyLink 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 CenturyLink.

90.6.1. No such interruption of service shall be deemed an eviction or disturbance of US LEC's use of the Collocation Space or any part thereof, or render CenturyLink liable to US LEC for damages, by abatement of US LEC Fees or otherwise, except as set forth in the Tariff, or relieve US LEC from performance of its obligations under this Agreement. US LEC hereby waives and releases all other claims against CenturyLink for damages for interruption or stoppage of service.

90.7. For physical collocation, subject to reasonable building rules and any applicable Security Arrangements, US LEC 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.

- 90.7.1. CenturyLink reserves the right to close and keep locked all entrance and exit doors of the Premises during hours CenturyLink may deem advisable for the adequate protection of the Premises. Use of the Premises at any time it is unattended by appropriate CenturyLink personnel, or on Sundays and state and federal or other holidays recognized by CenturyLink, or, if US LEC's Collocation Space is not fully segregated from areas of the Premises containing CenturyLink equipment, shall be subject to such reasonable rules and regulations as CenturyLink may from time to time prescribe for its own employees and third party contractors.
- 90.7.2. To require all persons entering or leaving the Premises during such hours as CenturyLink 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. CenturyLink 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 CenturyLink.
- 90.8. CenturyLink shall have access to US LEC's Physical Collocation Space at all times, via pass key or otherwise, to allow CenturyLink to react to emergencies, to maintain the space (not including US LEC's equipment), and to monitor compliance with the rules and regulations of the Occupational Health and Safety Administration or CenturyLink, 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 US LEC's Collocation Space has been established, and if conditions permit, CenturyLink will provide US LEC with notice (except in emergencies) of its intent to access the Collocation Space, thereby providing US LEC the option to be present at the time of access. US LEC 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.
- 90.8.1. To enter the Collocation Space for the purposes of examining or inspecting same and of making such repairs or alterations as CenturyLink deems necessary. US LEC hereby waives any claim for damage, injury, interference with US LEC's business, any loss of occupancy or quiet enjoyment of the Collocation Space, and any other loss occasioned by the exercise of CenturyLink's access rights, except in the event such damages result solely from the gross negligence or willful misconduct of CenturyLink.
- 90.8.2. To use any means CenturyLink may deem proper to open Collocation Space doors or enclosures in an emergency. Entry into the Collocation Space obtained by CenturyLink by any such means shall not be deemed to be forcible or unlawful entry into or a detainment of or an eviction of US LEC from the Collocation Space or any portion thereof.

## **91. US LEC'S OBLIGATIONS**

- 91.1. US LEC shall regularly inspect the Collocation Space to ensure that the Collocation Space is in good condition. US LEC shall promptly notify CenturyLink 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). US LEC shall provide regular janitorial service to its Collocation Space and keep the Collocation Space clean and trash free.
- 91.2. US LEC agrees to abide by all of CenturyLink's security practices for non-CenturyLink employees with access to the Building, including, without limitation:
  - 91.2.1. US LEC must obtain non-employee photo identification cards for each US LEC employee or vendor. Temporary identification cards may otherwise be provided by CenturyLink for employees or agents, contractors and invitees of US LEC who may require occasional access to the Collocation Space.
  - 91.2.2. US LEC will supply to CenturyLink the completed access form for employees or approved vendors who require access to the Premises. CenturyLink may reasonably deny access to any person into the building. CenturyLink's objections will be consistent with the grounds for denying access to personnel of its own contractors or for denying employment directly with CenturyLink. CenturyLink may issue security cards, codes, or keys to US LEC's listed employees or vendors where such systems are available and their use by US LEC will not otherwise compromise building security. The rate for the issuance of security cards is listed on Table Two.
  - 91.2.3. US LEC 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. US LEC will reimburse CenturyLink actual costs due to unreturned or replacement cards, codes, or keys.
  - 91.2.4. In the event that a key is lost, US LEC is responsible for costs associated with recoring locks and reissuing keys to CenturyLink and other Parties authorized to access the Premise.
  - 91.2.5. US LEC's employees, agents, invitees and vendors must display identification cards at all times.
  - 91.2.6. US LEC will assist CenturyLink 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.

- 91.2.7. Removal of all furniture, equipment or similar articles will be based on local CenturyLink security practices. These security practices will not be more stringent for US LEC than CenturyLink requires for its own employees or CenturyLink's contractors.
- 91.2.8. Before leaving the Collocation Space unattended, US LEC 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 CenturyLink or any other party with equipment in the Building resulting from US LEC's failure to do so shall be the responsibility of US LEC. US LEC will defend and indemnify CenturyLink from and against any claim by any person or entity resulting in whole or in part from US LEC's failure to comply with this section.
- 91.2.9. US LEC agrees that CenturyLink may provide a security escort for physical collocation, at no cost or undue delay to US LEC, to US LEC personnel while on CenturyLink Premises. While such escort shall not be a requirement to US LEC's entry into the Building, US LEC must allow the security escort to accompany US LEC personnel at all times and in all areas of the Building, including the Collocation Space, if so requested.
- 91.2.10. US LEC 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 CenturyLink. US LEC shall promptly update this information as changes occur.
- 91.3. US LEC will provide CenturyLink 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 CenturyLink equipment located in US LEC facility. US LEC shall provide CenturyLink immediate notification by telephone of any emergency power activity that would impact CenturyLink equipment.
- 91.4. US LEC shall not provision and/or install Uninterruptible Power Supply ("UPS") systems within the CenturyLink 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.
- 91.5. US LEC shall not place Electro-Chemical Storage Batteries of any type inside the Collocation Space.
- 91.6. US LEC shall provide CenturyLink with written notice three (3) Business Days prior to those instances where US LEC or its subcontractors perform work, which is to be a known service affecting activity. US LEC will inform CenturyLink 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 US LEC learns that such outage has occurred so that CenturyLink can take any action required to monitor or protect its service.

- 91.7. US LEC may, at its own expense, install and maintain regular business telephone service in the Collocation Space. If requested by US LEC and at US LEC's expense, CenturyLink will provide basic telephone service with a connection jack in the Collocation Space.
- 91.8. US LEC shall, with the prior written consent of CenturyLink, have the right to provide additional fire protection systems within the Collocation Space; provided, however, that US LEC may not install or use sprinklers or carbon dioxide fire suppression systems within the Building or the Collocation Space.
  - 91.8.1. If any governmental bureau, department or organization or CenturyLink'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 US LECs in general are located, such changes, modifications, or additions shall be made by CenturyLink and US LEC shall reimburse CenturyLink for the cost thereof in the same proportion as the size of US LEC's Collocation Space as compared to the total available Collocation Space in the affected portion of the Building.
- 91.9. US LEC shall identify and shall notify CenturyLink in writing of any Hazardous Materials US LEC may bring onto the Premises, and will provide CenturyLink 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.*). US LEC, 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. US LEC will promptly notify CenturyLink of any releases of Hazardous Materials and will copy CenturyLink on any notification of or correspondence with any governmental agency which may be required by any environmental law as a result of such release.
  - 91.9.1. US LEC shall provide CenturyLink 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.
  - 91.9.2. If CenturyLink discovers that US LEC has brought onto CenturyLink's Premises Hazardous Materials without notification, or is storing or disposing of such materials in violation of any applicable environmental

law, CenturyLink may, at CenturyLink's option and without penalty, terminate the applicable Collocation Space or, in the case of pervasive violation, this Agreement or suspend performance hereunder. US LEC shall be responsible for, without cost to CenturyLink, the complete remediation of any releases or other conditions caused by its storage, use or disposal of Hazardous Materials. US LEC 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 CenturyLink 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, US LEC shall have no recourse against CenturyLink 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 CenturyLink for defaults under this Agreement.

91.9.3. US LEC shall indemnify and hold harmless CenturyLink, 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, CenturyLink or asserted against CenturyLink by any other party or Parties (including, without limitation, CenturyLink's employees and/or contractors and any governmental entity) arising out of, or in connection with, US LEC's use, storage or disposal of Hazardous Materials.

91.9.4. 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.

91.10. US LEC 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. US LEC 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 CenturyLink, any other occupant of the Building, their patrons or customers, or the occupants of neighboring property, or injure the reputation of the Premises.

- 91.10.1. US LEC shall not exceed the Uniformly Distributed Live Load Capacity. CenturyLink shall evaluate and determine Live Load Capacity rating on a site specific basis prior to equipment installation. US LEC agrees to provide CenturyLink with equipment profile information prior to installation authorization.
- 91.10.2. US LEC 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 CenturyLink.
- 91.10.3. US LEC shall not use the name of the Building or CenturyLink for any purpose other than that of the business address of US LEC, or use any picture or likeness of the Building on any letterhead, envelope, circular, notice, or advertisement, without the prior written consent of CenturyLink.
- 91.10.4. US LEC 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 CenturyLink.
- 91.10.5. US LEC shall not place anything or allow anything to be placed near the glass of any door, partition or window which CenturyLink 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. US LEC 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.
- 91.10.6. US LEC shall not, without the prior written consent of CenturyLink install or operate any lead-acid batteries, refrigerating, heating or air conditioning apparatus or carry on any mechanical business in the Collocation Space. CenturyLink may, in its sole discretion, withhold such consent, or impose any condition in granting it, and revoke its consent at will.

- 91.10.7. US LEC shall not use the Collocation Space for housing, lodging or sleeping purposes.
- 91.10.8. US LEC shall not permit preparation or warming of food, presence of cooking or vending equipment, sale of food or smoking in the Collocation Space.
- 91.10.9. US LEC 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.
- 91.11. US LEC, its employees, agents, contractors, and business invitees shall:
  - 91.11.1. comply with all rules and regulations which CenturyLink may from time to time adopt 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
  - 91.11.2. 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.
- 91.12. US LEC shall not make installations, alterations or additions in or to the Collocation Space without submitting plans and specifications to CenturyLink and securing the prior written consent of CenturyLink in each instance. CenturyLink'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 US LEC.
  - 91.12.1. 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 CenturyLink's transaction of business. US LEC shall permit CenturyLink to inspect all construction operations within the Collocation Space.
  - 91.12.2. 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 US LEC or others shall become the property of CenturyLink, and shall remain upon and be surrendered with the Collocation Space. Upon termination of this Agreement, however, CenturyLink shall have the right to require US LEC to remove such fixtures and installations, alterations or additions at US LEC'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.

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

91.13. Fireproofing Policy. US LEC 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 CenturyLink. If US LEC desires signal, communications, alarm or other utility or service connections installed or changed, the same shall be made by and at the expense of US LEC. CenturyLink 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 CenturyLink's fireproofing policy, any penetrations by US LEC, whether in the Collocation Space, the Building or otherwise, shall be sealed as quickly as possible by US LEC with CenturyLink-approved fire barrier sealants, or by CenturyLink at US LEC's cost.

- 91.14. **Equipment Grounding.** US LEC equipment shall be connected to CenturyLink's grounding system.
- 91.15. **Representations and Warranties.** US LEC hereby represents and warrants that the information provided to CenturyLink in any Application or other documentation relative to US LEC'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 US LEC 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.

## **92. BUILDING RIGHTS**

- 92.1. CenturyLink may, without notice to US LEC:
- 92.1.1. Change the name or street address of the Premises;
  - 92.1.2. Install and maintain signs on the exterior and interior of the Premises or anywhere on the Premises;
  - 92.1.3. 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;
  - 92.1.4. Have pass keys or access cards with which to unlock all doors in the Collocation Space, excluding US LEC's safes;
  - 92.1.5. Reduce heat, light, water and power as required by any mandatory or voluntary conservation programs;
  - 92.1.6. 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 CenturyLink shall direct and in all events at US LEC's sole risk and responsibility;
  - 92.1.7. 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. CenturyLink shall limit inconvenience or annoyance to US LEC as reasonably possible under the circumstances;

- 92.1.8. 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;
- 92.1.9. 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 US LEC from the use expressly permitted by this Agreement, unless CenturyLink exercises its right to terminate this Agreement with respect to all or a portion of the Collocation Space;
- 92.1.10. Close the Building at such reasonable times as CenturyLink may determine, under such reasonable regulations as shall be prescribed from time to time by CenturyLink subject to US LEC's right to access.
- 92.2. If the owner of the Building or CenturyLink 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, CenturyLink's performance under this Agreement shall be excused to the extent of the inconsistency. CenturyLink hereby agrees that it will use its reasonable efforts to avoid any such inconsistency; provided, however, that this obligation shall in no way obligate CenturyLink to incur any out of pocket expenses in its efforts to avoid such inconsistencies.
- 92.3. 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 US LEC agrees, upon demand, to execute any instrument as may be required to effectuate such subordination.

### **93. INSURANCE**

- 93.1. During the term of this Agreement, US LEC 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:

- 93.1.1. 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 CenturyLink as additional insured;
  - 93.1.2. 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 CenturyLink as additional insured;
  - 93.1.3. 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
  - 93.1.4. 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 CenturyLink as additional insured; and
  - 93.1.5. "All Risk" property insurance on a full replacement cost basis insuring US LEC's property situated on or within the Property, naming CenturyLink as loss payee. US LEC may elect to insure business interruption and contingent business interruption, as it is agreed that CenturyLink has no liability for loss of profit or revenues should an interruption of service occur.
- 93.2. Nothing contained in this Section shall limit US LEC's liability to CenturyLink to the limits of insurance certified or carried.
  - 93.3. All policies required of US LEC shall contain evidence of the insurer's waiver of the right of subrogation against CenturyLink 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 CenturyLink may carry.
  - 93.4. US LEC shall furnish to CenturyLink a certificate or certificates of insurance, satisfactory in form and content to CenturyLink, 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 30 days prior written notice to CenturyLink.
  - 93.5. CenturyLink will carry not less than the insurance coverages and limits required of US LEC.



#### **94. INDEMNIFICATION**

- 94.1. US LEC shall indemnify and hold CenturyLink harmless from any and all claims arising from:
  - 94.1.1. US LEC's use of the Collocation Space;
  - 94.1.2. the conduct of US LEC's business or from any activity, work or things done, permitted or suffered by US LEC in or about the Collocation Space or elsewhere;
  - 94.1.3. any and all claims arising from any breach or default in the performance of any obligation on US LEC's part to be performed under the terms of this Agreement; and
  - 94.1.4. any negligence of US LEC, or any of US LEC's agents, and fees, expenses and liabilities incurred in the defense of any such claim or any action or proceeding brought thereon.
- 94.2. If any action or proceeding is brought against CenturyLink by reason of any such claim, US LEC, upon notice from CenturyLink, shall defend same at US LEC's expense employing counsel satisfactory to CenturyLink.
- 94.3. US LEC shall at all times indemnify, defend, save and hold harmless CenturyLink from any claims, liens, demands, charges, encumbrances, litigation and judgments arising directly or indirectly out of any use, occupancy or activity of US LEC, or out of any work performed, material furnished, or obligations incurred by US LEC in, upon or otherwise in connection with the Collocation Space. US LEC shall give CenturyLink written notice at least ten (10) Business Days prior to the commencement of any such work on the Collocation Space in order to afford CenturyLink the opportunity of filing appropriate notices of non-responsibility. However, failure by CenturyLink to give notice does not reduce US LEC's liability under this Section.

- 94.3.1. 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, US LEC shall give CenturyLink written notice thereof as soon as US LEC obtains such knowledge.
- 94.3.2. US LEC shall, at its expense, within thirty (30) Days after filing of any lien of record, 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 CenturyLink, at the cost and for the account of US LEC, from obtaining such discharge and release if US LEC fails or refuses to do the same within the thirty-day period.
- 94.3.3. If US LEC has first discharged the lien as provided by law, US LEC may, at US LEC's expense, contest any mechanic's lien in any manner permitted by law.

## **95. LIMITATION OF LIABILITY**

- 95.1. SPRINT SHALL BE LIABLE FOR DAMAGE TO OR DESTRUCTION OF US LEC'S EQUIPMENT AND OTHER PREMISES ONLY IF SUCH DAMAGE OR DESTRUCTION IS CAUSED BY SPRINT'S SOLE NEGLIGENCE OR WILLFUL MISCONDUCT.
- 95.2. 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.

## **96. PARTIAL DESTRUCTION**

- 96.1. 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, CenturyLink may, at its option, restore the Collocation Space to its previous condition. US LEC's rights to the applicable Collocation Space shall not terminate unless, within ninety (90) Days after the occurrence of such casualty, CenturyLink notifies US LEC of its election to terminate US LEC's rights to the applicable Collocation Space. If CenturyLink does not elect to terminate US LEC's rights to the applicable Collocation Space, CenturyLink shall repair the damage to the Collocation Space caused by such casualty.
- 96.2. Notwithstanding any other provision of this Agreement to the contrary, if any casualty is the result of any act, omission or negligence of US LEC, its agents,

employees, contractors, US LECs, customers or business invitees, unless CenturyLink otherwise elects, US LEC's rights to the applicable Collocation Space shall not terminate, and, if CenturyLink elects to make such repairs, US LEC shall reimburse CenturyLink for the cost of such repairs, or US LEC shall repair such damage, including damage to the Building and the area surrounding it, and the License Fee shall not abate.

- 96.3. 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, CenturyLink may, at its election within ninety (90) Days of such casualty, terminate US LEC's rights to the applicable Collocation Space by giving written notice of its intent to terminate US LEC'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.

## **97. EMINENT DOMAIN**

- 97.1. 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, US LEC'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, CenturyLink shall have the right to terminate US LEC'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 CenturyLink to US LEC for such cancellation, and US LEC shall have no right to share in the condemnation award or in any judgment for damages caused by such eminent domain proceedings.

## **98. BANKRUPTCY**

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

## **99. ASBESTOS**

- 99.1. US LEC is aware the Premises in which the Collocation Space is located may contain or have contained asbestos or asbestos containing building materials, and

US LEC is hereby notified that the Premises in which the Collocation Space is located may contain asbestos or asbestos containing building material (ACBM). US LEC agrees that it is responsible for contacting the appropriate CenturyLink manager responsible for the Premises to determine the presence, location and quantity of asbestos or ACBM that US LEC's employees, agents, or contractors may reasonably expect to encounter while performing activities in the Premises. US LEC 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 US LEC's use of the Collocation Space or placement of equipment onto ACBM or into areas containing asbestos identified by CenturyLink. CenturyLink agrees to provide US LEC reasonable notice prior to undertaking any asbestos control, abatement, or other activities which may disturb asbestos or ACBM that could potentially affect US LEC's equipment or operations in the Collocation Space, including but not limited to the contamination of such equipment. CenturyLink 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 CenturyLink Premises.

#### **100. MISCELLANEOUS**

- 100.1. US LEC 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 CenturyLink 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.
- 100.2. Submission of this instrument for examination or signature by CenturyLink 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 CenturyLink and US LEC.
- 100.3. Neither CenturyLink 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 US LEC by implication or otherwise unless expressly set forth herein.
- 100.4. In the event of work stoppages, CenturyLink may establish separate entrances for use by personnel of US LEC. US LEC shall comply with any emergency operating procedures established by CenturyLink to deal with work stoppages.
- 100.5. The individuals executing this Agreement on behalf of US LEC represent and warrant to CenturyLink they are fully authorized and legally capable of executing this Agreement on behalf of US LEC.

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

CenturyLink

By: 

Michael R. Hunsucker  
(Printed Name)

Director Contract Management  
(Title)

6-25-10  
(Date)

PAETEC

By: 

Al Finnell  
(Printed Name)

Sr. Manager Carrier Relations  
(Title)

6-22-10  
(Date)

**Table One**

MRC	NRC			
		Other than Operator / DA	12.70%	
		Op Assist / DA	12.70%	
UF01		Message Provisioning, per message	\$0.00307	
UF02		Data Transmission, per message	\$0.00000	
	DB008	Media Charge - per CD (Price reflects shipping via regular U.S. Mail)		\$18.00
	UP026	Temporary Suspension of Service for Resale - SUSPEND		\$0.00
	UP027	Temporary Suspension of Service for Resale - RESTORE		\$21.00
	UP028	PIC Change Charge, per change		Per Tariff
	DA030	Operator Assistance / Directory Assistance Branding		ICB
	OC013	Tag and Label on a reinstall loop or an existing loop or resale		\$8.72
	OC003	Trip Charge		\$18.11
	SO001	Manual Service Order NRC		\$16.99
	SO002	Manual Service Order - Listing Only		\$16.99
	SO003	Manual Service Order - Change Only		\$16.99
	SO004	Electronic Service Order (IRES)		\$9.40
	SO005	Electronic Service Order - Listing Only		\$9.40
	SO006	Electronic Service Order - Change Only		\$9.40
	OC008	2-Wire Loop Cooperative Testing		\$38.16
	OC009	4-Wire Loop Cooperative Testing		\$46.88
	OC010	Trouble Isolation Charge		\$74.10
	OC016	Change Telephone Number, per change		\$9.40
	OC017	LNP Coordinated Conversion - Lines 1 -10		\$66.42
	OC018	LNP Coordinated Conversion - Each additional line		\$4.59
	OC023	LNP Conversion - 10 Digit Trigger		\$0.00
		UNE to Special Access or Special Access to UNE Conversions or Migrations (includes EEL)		
	OC021	DS1 Loop, per circuit		\$99.88

	OC021	DS1 Transport, per circuit		\$99.88
	OC022	DS3 Loop, per circuit		ICB
	OC022	DS3 Transport, per circuit		ICB
	PQ001	Loop Make-Up Information		\$12.00
		<b>2-Wire Analog</b>		
AA013		Band 1	\$26.31	
AA014		Band 2	\$45.96	
AA015		Band 3	\$71.71	
	AA002	First Line		\$95.82
	AA003	Second Line and Each Additional Line (same time)		\$40.46
	AA004	Re-install (Cut Thru and Dedicated/Vacant)		\$37.87
	AA005	Disconnect		\$33.45
		<b>4-Wire Analog</b>		
AA017		Band 1	\$50.41	
AA018		Band 2	\$89.28	
AA019		Band 3	\$140.38	
	AA008	First Line		\$118.64
	AA009	Second Line and Each Additional Line (same time)		\$63.29
	AA010	Re-install (Cut Thru and Dedicated/Vacant)		\$51.33
	AA011	Disconnect		\$33.45
		<b>2-Wire xDSL - Capable Loop</b>		
AA013		Band 1	\$26.31	
AA014		Band 2	\$45.96	
AA015		Band 3	\$71.71	
	DX009	First Line		\$97.65
	DX002	Second Line and Each Additional Line (same time)		\$42.30
	DX003	Re-install (Cut Thru and Dedicated/Vacant)		\$37.87
	DD004	Disconnect		\$33.45
		<b>4-Wire xDSL - Capable Loop</b>		
DX010		Band 1	\$50.41	
DX011		Band 2	\$89.28	
DX012		Band 3	\$140.38	
	DX014	First Line		\$122.30
	DX015	Second Line and Each Additional Line (same time)		\$66.95
	DX016	Re-install (Cut Thru and Dedicated/Vacant)		\$51.33
	DX017	Disconnect		\$33.45
		<b>2-Wire Digital Loop</b>		

AA013		Band 1	\$26.31	
AA014		Band 2	\$45.96	
AA015		Band 3	\$71.71	
	DD002	First Line		\$97.65
	DD003	Second Line and Each Additional Line (same time)		\$42.30
	DD004	Disconnect		\$33.45
		<b>2-Wire ISDN-BRI Digital Loop</b>		
DD013		Band 1	\$40.42	
DD014		Band 2	\$66.24	
DD015		Band 3	\$100.98	
	DD002	First Line		\$97.65
	DD003	Second Line and Each Additional Line (same time)		\$42.30
	DD004	Disconnect		\$33.45
		<b>4-Wire Digital Loop (no electronics)</b>		
DD017		Band 1	\$50.41	
DD018		Band 2	\$89.28	
DD019		Band 3	\$140.38	
	DD006	First Line		\$122.30
	DD007	Second Line and Each Additional Line (same time)		\$66.95
	DD008	Disconnect		\$33.45
		<b>Digital 56k/64k Loop</b>		
DD021		Band 1	\$46.75	
DD022		Band 2	\$68.44	
DD023		Band 3	\$96.56	
	DD002	First Line		\$236.62
	DD003	Second Line and Each Additional Line (same time)		\$181.26
	DD004	Disconnect		\$33.45
		<b>DS1 Service and ISDN PRI Loop</b>		
DD025		Band 1	\$173.46	
DD026		Band 2	\$197.17	
DD027		Band 3	\$275.07	
	DD010	First Line		\$318.76
	DD011	Second Line and Each Additional Line (same time)		\$263.40
	DD008	Disconnect		\$33.45
		<b>DS3 Service</b>		
HC002	HC001	Add DS3 to existing fiber system	ICB	\$130.30
	HC003	Disconnect		\$17.13
	LC001	<b>Load Coil Removal</b> for all Digital UNE 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)		\$2.00



	LC002	Conditioning Engineering Charge - per loop		\$80.15
	LC003	Conditioning Trip Charge - per loop		\$19.49
		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		\$190.11
	LC005	Unload Addtl cable pair, UG same time, same location and cable		\$1.16
	LC006	Unload cable pair, per Aerial Location		\$78.63
	LC007	Unload Addtl cable pair, AE or BU, same time, location and cable		\$1.16
		Unload cable pair, per Buried Location		\$111.63
		Bridged Tap or Repeater Removal - Any Loop Length		
	LC012	Remove Bridged Tap or Repeater, per Underground Location		\$190.42
	LC013	Remove each Addtl Bridged Tap or Repeater, UG same time, location and cable		\$1.47
	LC014	Remove Bridged Tap or Repeater, per Aerial Location		\$78.94
	LC015	Remove each Addtl Bridged Tap or Repeater, AE or BU same time, location and cable		\$1.47
		Remove Bridged Tap or Repeater, per Buried Location		\$111.95
		Sub-Loops Interconnection (Stub Cable)		ICB
		2 Wire Voice Grade and Digital Data Distribution		
SB002		Band 1	\$13.66	
SB003		Band 2	\$22.31	
SB004		Band 3	\$33.14	
	SB010	First Line		\$84.84
	SB011	Second Line and Each Additional Line (same time)		\$29.48
	SB012	Disconnect		\$46.30
		4 Wire Voice Grade and Digital Data Distribution		
SB006		Band 1	\$26.48	
SB007		Band 2	\$43.18	
SB008		Band 3	\$64.11	
	SB013	First Line		\$107.40
	SB014	Second Line and Each Additional Line (same time)		\$52.04
	SB015	Disconnect		\$46.30
DT2	DT004	DS1	Refer to Dedicated Transport Tab	\$83.85
	DT005	DS1 Disconnect		\$17.13

DT3	DT007	DS3	Refer to Dedicated Transport Tab	\$83.85
	DT008	DS3 Disconnect		\$17.13
DT023	DT019	Multiplexing - DS1-DS0 (per DS1) - (Shelf only, rate does not include cards)	\$175.85	\$83.85
DT026		Channel Bank Card (per DS0)	\$4.70	
	DT020	DS1-DS0 Disconnect		\$17.13
DT024	DT021	Multiplexing - DS3-DS1 (per DS3)	\$214.41	\$83.85
	DT022	DS3-DS1 Disconnect		\$17.13
	DF007	<b>Dark Fiber Application &amp; Quote Preparation Charge</b>		\$248.42
		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.		
		<b>Transport</b>		
DF009		Interoffice, per foot per fiber - Statewide Average	\$0.0040	
		<b>Additional Charges Applicable to Transport</b>		
DF011		Fiber Patch Cord, per fiber	\$0.74	
DF012		Fiber Patch Panel, per fiber	\$0.72	
	DF003	Central Office Interconnection, 1-4 Patch Cords per CO - Install or Disconnect		\$176.99
	OC011	Dark Fiber End-to-End Testing, Initial Strand		\$61.55
	OC012	Dark Fiber End-to-End Testing, Subsequent Strand		\$17.20
		<b>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.</b>		
		<b>See Rate Element / Service Order / Installation/Repair Center section of this price sheet for EEL Conversion Charges.</b>		
		<b>End Office - per MOU</b>	<b>Bill and Keep</b>	<b>N/A</b>
		<b>Tandem Switching - per MOU</b>	<b>Bill and Keep</b>	<b>N/A</b>
		<b>Shared Transport - per MOU</b>	<b>Bill and Keep</b>	<b>N/A</b>
		<b>ISP-Bound Traffic</b>	<b>Bill and Keep</b>	
		<b>Transit Service Charge - per MOU</b>	<b>\$0.004286</b>	<b>N/A</b>

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>	Per Tariff	
DB005		Line Information Database query transport (LIDB) - <i>Per Interstate Tariff</i>	Per Tariff	
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	
	DA002	Operator Services		Refer to CenturyLink Applicable Retail Tariff
	DA002	Directory Assistance Services		Refer to CenturyLink Applicable Retail Tariff
	DA002	Directory - Premium & Privacy Listings		Refer to CenturyLink Applicable Retail Tariff
DB011	DB007	911 and E911 Transport - DS1	Refer to Dedicated Transport Tab	\$101.58
	DB008	SIG Database Extract Report, per CDROM (price reflects shipping regular U.S. Mail)		\$18.00
		<b>Rearrangement of Cable</b>		
		Rearrangement of Up to 3 Pairs per UNE Loop Ordered	N/A	Included In Loop NRC
		Rearrangements Requiring More Than 3 Pairs per UNE Loop Ordered	N/A	ICB
		<b>Dedicated Repeater/Doubler Installation Cost (incl. 4 slot housing and 1 card), per location</b>		
		1. Repeater Equipment Case w/ Repeater Card (for T-1 applications):		
		Where Special Construction Does Not Apply (Card Installation Only)	Included In Loop MRC	Included In Loop NRC
		Where Special Construction Applies, Non Recurring Charge		\$2,099.79
		2. Doubler Equipment Case w/ Doubler Card (for HDSL applications)		

		Where Special Construction Does Not Apply (Card Installation Only)	Included In Loop MRC	Included in Loop NRC
		Where Special Construction Applies, Non Recurring Charge		\$2,318.26
		Smart Jack	Included In Loop MRC	Included in Loop NRC
		Line Card Installation	Included In Loop MRC	Included in Loop NRC
		Multiplexing	Included In Loop MRC	Included in Loop NRC
		Note: Multiplexer pricing available through Enhanced Extended Loop (EELs) facility leases		

LOOP BANDING		TN
Exchange Name	CLL	Band
BLOUNTVL	BUVLTNXARS0	1
BRISTOL	BRSTTNXADS0	1
ELIZABHTN	ELTNTNXADS0	1
JOHNSON CY	JHCYTNXCDS0	1
JOHNSON CY	JHCYTNXADS0	1
KINGSPORT	KGPTTNXADS0	1
KINGSPORT	KGPTTNXCRS0	1
MIDWAY SUL	MDWYTNXARS0	1
BAILEYTON	BLTNTNXARS0	2
BLUFF CITY	BLCYTNXARS0	2
CHURCHHILL	CHHLTNXARS0	2
ERWIN	ERWNTNXARS0	2
GREENEVL	GRVLTNXADS0	2
JONESBORO	JNBOTNXARS0	2
STONEY CRK	STCKTNXARS0	2
SULIVNGDNS	SLGRTNXARS0	2
BRISTOL	BRSTTNXBRS0	3
BUTLER	BTLRTNXARS0	3
FALLBRANCH	FLBRTNXARS0	3
HAMPTON	HMPNTNXARS0	3
LIMESTONE	LMSTTNXADS0	3
MOSHEIM	MOSHTNXARS0	3
MOUNTAINCY	MTCYTNXARS0	3
ROAN MT	RNMTTNXARS0	3

## DEDICATED TRANSPORT RATE SUMMARY

TENNESEE

Route (Exchange to Exchange)		Route (CLLI to CLLI)		Non-Impaired Routes	Dedicated DS1 Rate	Dedicated DS3 Rate
Originating	Terminating	Originating	Terminating			
<b>** Routes meet the FCC TRRO non-impaired threshold criteria for DS1 and DS3.</b> <b>*** Routes meet the FCC TRRO non-impaired threshold criteria for DS3 only.</b>						
Baileyton	Greeneville	BLTNTNXARS0	GRVLTNXADS0		\$172.37	\$4,594.53
Baileyton	Limestone	BLTNTNXARS0	LMSTTNXADS0		\$332.39	\$8,843.46
Baileyton	Mosheim	BLTNTNXARS0	MOSHTNXARS0		\$265.43	\$6,082.21
Blountville	Bluff City	BUVLTNXARS0	BLCYTNXARS0		\$151.15	\$2,120.93
Blountville	Bristol, TN and Bristol, VA	BUVLTNXARS0	BRSTTNXADS0		\$60.03	\$562.42
Blountville	Church Hill, Mt. Carmel	BUVLTNXARS0	CHHLTNXARS0		\$359.32	\$6,831.58
Blountville	Fall Branch	BUVLTNXARS0	FLBRTNXARS0		\$397.98	\$7,914.01
Blountville	Johnson City Main	BUVLTNXARS0	JHCYTNXADS0		\$75.79	ICB
Blountville	Kingsport	BUVLTNXARS0	KGPTTNXADS0		\$283.14	\$5,816.38
Blountville	Midway (Sullivan County)	BUVLTNXARS0	MDWYTNXARS0		\$346.71	\$6,642.23
Blountville	Sullivan Gardens	BUVLTNXARS0	SLGRTNXARS0		\$397.98	\$7,914.01
Blountville	Wytheville, VA	BUVLTNXARS0	WYVLVAXADS0		\$98.87	ICB
Bluff City	Johnson City Main	BLCYTNXARS0	JHCYTNXADS0		\$93.04	\$1,651.32
Bluff City-Piney Flats	Bristol, TN and Bristol, VA	BLCYTNXARS0	BRSTTNXADS0		\$91.12	\$1,558.51
Bluff City-Piney Flats	Church Hill	BLCYTNXARS0	CHHLTNXARS0		\$167.31	\$2,573.71
Bluff City-Piney Flats	Fall Branch	BLCYTNXARS0	FLBRTNXARS0		\$205.96	\$3,656.14
Bluff City-Piney Flats	Kingsport	BLCYTNXARS0	KGPTTNXADS0		\$91.12	\$1,558.51
Bluff City-Piney Flats	Midway (Sullivan County)	BLCYTNXARS0	MDWYTNXARS0		\$154.69	\$2,384.36
Bluff City-Piney Flats	Sullivan Gardens	BLCYTNXARS0	SLGRTNXARS0		\$205.96	\$3,656.14
Bristol, TN	Bristol South	BRSTTNXADS0	BRSTTNXBDS0		\$61.34	ICB
Bristol, TN	Church Hill	BRSTTNXADS0	CHHLTNXARS0		\$299.29	\$6,269.16
Bristol, TN	Fall Branch	BRSTTNXADS0	FLBRTNXARS0		\$337.95	\$7,351.59
Bristol, TN	Johnson City Main	BRSTTNXADS0	JHCYTNXADS0		\$75.79	ICB
Bristol, TN	Kingsport	BRSTTNXADS0	KGPTTNXADS0	** / ***	\$256.57	\$6,042.06
Bristol, TN	Midway (Sullivan County)	BRSTTNXADS0	MDWYTNXARS0		\$154.69	\$2,384.36
Bristol, TN	Sullivan Gardens	BRSTTNXADS0	SLGRTNXARS0		\$337.95	\$7,351.59
Butler	Elizabethton	BRSTTNXADS0	ELTNTNXADS0		\$251.67	\$5,696.38
Butler	Hampton	BRSTTNXADS0	HMPNTNXARS0		\$251.67	\$5,696.38
Butler	Mountain City	BRSTTNXADS0	MTCYTNXARS0		\$387.99	\$8,395.46
Butler	Roan Mountain	BRSTTNXADS0	RNMTTNXARS0		\$522.45	\$13,046.62
Butler	Stoney Creek	BRSTTNXADS0	STCKTNXARS0		\$413.23	\$9,988.23
Church Hill-Mt.Carmel	Fall Branch	CHHLTNXARS0	FLBRTNXARS0		\$191.03	\$3,112.83
Church Hill-Mt.Carmel	Kingsport	CHHLTNXARS0	KGPTTNXADS0		\$76.19	\$1,015.20
Church Hill-Mt.Carmel	Midway (Sullivan County)	CHHLTNXARS0	MDWYTNXARS0		\$139.76	\$1,841.05
Church Hill-Mt.Carmel	Sullivan Gardens	CHHLTNXARS0	SLGRTNXARS0		\$191.03	\$3,112.83
Elizabethton	Hampton	ELTNTNXADS0	HMPNTNXARS0		\$57.17	\$482.19
Elizabethton	Roan Mountain	ELTNTNXADS0	RNMTTNXARS0		\$327.95	\$7,832.43
Elizabethton	Stoney Creek	ELTNTNXADS0	STCKTNXARS0		\$161.56	\$4,291.85
Erwin	Bristol TN	ERWNTNXARS0	BRSTTNXADS0		\$91.12	ICB
Erwin	Johnson City Main	ERWNTNXARS0	JHCYTNXADS0		\$166.91	ICB
Erwin	Kingsport	ERWNTNXARS0	KGPTTNXADS0		\$91.12	ICB
Fall Branch	Johnson City	FLBRTNXARS0	JHCYTNXADS0		\$178.41	\$2,923.48
Fall Branch	Jonesborough	FLBRTNXARS0	JNBOTNXARS0		\$321.97	\$5,825.00
Fall Branch	Kingsport	FLBRTNXARS0	KGPTTNXADS0		\$114.84	\$2,097.83
Fall Branch	Limestone	FLBRTNXARS0	LMSTTNXADS0		\$321.97	\$5,825.00

Fall Branch	Midway (Sullivan County)	FLBRTNXARS0	MDWYTNXARS0		\$178.41	\$2,923.48
Fall Branch	Midway (Washington County)	FLBRTNXARS0	MDWYTNXARS0		\$413.73	\$8,481.02
Fall Branch	Sullivan Gardens	FLBRTNXARS0	SLGRTNXARS0		\$114.84	\$2,097.63
Greeneville	Limestone	GRVLTNXADS0	LMSTTNXADS0		\$160.03	\$4,248.94
Greeneville	Mosheim	GRVLTNXADS0	MOSHTNXARS0		\$93.07	\$1,487.68
Hampton	Roan Mountain	HMPNTNXARS0	RNMTTNXARS0		\$327.95	\$7,832.43
Hampton	Stoney Creek	HMPNTNXARS0	STCKTNXARS0		\$218.73	\$4,774.04
Johnson City Main	Greeneville	JHCYTNXADS0	GRVLTNXADS0		\$155.47	ICB
Johnson City Main	Jonesborough-Sulphur Springs	JHCYTNXADS0	JNBOTNXARS0		\$143.56	\$2,901.52
Johnson City Main	Kingsport	JHCYTNXADS0	KGPTTNXADS0		\$63.57	ICB
Johnson City Main	Limestone	JHCYTNXADS0	LMSTTNXADS0		\$143.56	\$2,901.52
Johnson City Main	Midway (Washington County)	JHCYTNXADS0	MDWYTNXARS0		\$75.79	\$1,129.43
Johnson City North	Bristol	JHCYTNXC42T	BRSTTNXADS0	** / ***	\$256.57	\$6,042.06
Johnson City North	Elizabethton	JHCYTNXC42T	ELTNTNXADS0		\$93.04	\$1,651.32
Johnson City North	Greeneville	JHCYTNXC42T	GRVLTNXADS0		\$223.10	\$5,253.96
Johnson City North	Johnson City Main	JHCYTNXC42T	JHCYTNXADS0		\$75.79	\$1,129.43
Johnson City North	Jonesborough-Sulphur Springs	JHCYTNXC42T	JNBOTNXARS0		\$219.35	\$4,030.95
Johnson City North	Kingsport	JHCYTNXC42T	KGPTTNXADS0	** / ***	\$256.57	\$6,042.06
Johnson City North	Limestone	JHCYTNXC42T	LMSTTNXADS0		\$219.35	\$4,030.95
Johnson City North	Midway (Washington County)	JHCYTNXC42T	MDWYTNXARS0		\$75.79	\$1,129.43
Jonesborough-Sulphur Springs	Limestone	JNBOTNXARS0	LMSTTNXADS0		\$143.56	\$2,901.52
Jonesborough-Sulphur Springs	Midway (Washington County)	JNBOTNXARS0	MDWYTNXARS0		\$219.35	\$4,030.95
Kingsport	Midway (Sullivan County)	KGPTTNXADS0	MDWYTNXARS0		\$63.57	\$825.85
Kingsport	Sullivan Gardens	KGPTTNXADS0	SLGRTNXARS0		\$114.84	\$2,097.63
Limestone	Midway (Washington County)	LMSTTNXADS0	MDWYTNXARS2		\$219.35	\$4,030.95
Limestone	Mosheim	LMSTTNXADS0	MOSHTNXARS0		\$253.09	\$5,736.62
Midway (Sullivan County)	Midway (Washington County)	MDWYTNXARS0	MDWYTNXARS0		\$139.36	\$1,955.28
Midway (Sullivan County)	Morrison City, VA	MDWYTNXARS0	MDWYTNXARS0		\$63.57	\$825.85
Midway (Sullivan County)	Sullivan Gardens	MDWYTNXARS0	SLGRTNXARS0		\$178.41	\$2,923.48
Roan Mountain	Stoney Creek	RNMTTNXARS0	STCKTNXARS0		\$489.51	\$12,124.27

## Appendix One

<i>Tennessee</i> EM143649	JHCYTNXC	956	JHCYTNXC42T	JHCYTNXC6MD	63.57
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Table 2: Rates for the State of Tennessee

<b>Application Fees</b>		
New Collocation - Application Fee	\$ 2,742.43	N/A
New Collocation - Administrative, Transmission Engineering & Project Management Fee	\$ 5,781.55	N/A
Minor Augment Fee	\$ 802.58	N/A
Minor Augment - Administrative & Project Management Fee	\$ 774.34	N/A
Minor Augment - Transmission Engineering Fee	\$ 524.26	N/A
Major Augment Fee	\$ 1,621.71	N/A
Major Augment - Administrative & Project Management Fee	\$ 2,024.90	N/A
Major Augment - Transmission Engineering Fee	\$ 1,540.00	N/A
Space Report (per wire center)	\$ 922.01	N/A
<b>Security Cage Construction</b>		
Security Cage - Engineering	\$ 504.77	N/A
Security Cage - Construction (per Linear Foot)	\$ 48.74	N/A
<b>Floor Space</b>		
Floor Space (per Square Foot)	N/A	\$ 8.54
<b>DC Power</b>		
Power Costs (per Load Ampere Ordered)	N/A	\$ 15.01
Power Costs (per Connection to Power Plant up to 30 Amps)	\$ 1,334.92	\$ 13.69
Power Costs (per Connection to Power Plant 31-60 Amps)	\$ 2,346.14	\$ 22.42
Power Costs (per Connection to Power Plant 61-100 Amps)	\$ 8,753.27	\$ 72.90
Additional Cost per Foot Over 110 Linear Feet	\$ 169.31	\$ 1.33
Power Costs (per Connection to Power Plant 101-200 Amps)	\$ 19,303.04	\$ 157.75
Additional Cost per Foot Over 110 Linear Feet	\$ 319.95	\$ 2.51
<b>AC Power</b>		
AC Outlet Installation (per 20 amp outlet)	\$ 1,099.38	N/A
Overhead Lights (per set of 2)	\$ 1,614.05	N/A
<b>Cross Connect Facilities</b>		
DS0 Switchboard Cable (per 100 Pair)	N/A	\$ 26.87
DS0 Co-Carrier Direct Cabling (per 100 Pair Switchboard Cable)	\$ 512.09	\$ 7.64
DS1 Cross Connect (per DS1 in 28-pack Increments)	N/A	\$ 1.56
DS1 Co-Carrier Direct Cabling (per DS1 28-pack Cable)	\$ 534.48	\$ 9.15
DS3 Cross Connect (per DS3 in 12-pack Increments)	N/A	\$ 19.65
DS3 Co-Carrier Direct Cabling (per DS3 12-pack Cable)	\$ 1865.10	\$ 21.41
Optical Cross-Connect (per 4-Fiber Cable)	N/A	\$ 15.52
Optical Co-Carrier Direct Cabling (per 4-Fiber Cable)	\$ 212.27	\$ 9.58
Internal Cable Space (per 48-Fiber Cable)	N/A	\$ 35.43
Internal Cable Space (per 100-Pair Copper Stub Cable)	N/A	\$ 23.39
Internal Cable (per 48-Fiber Cable)	\$ 1,132.86	\$ 35.68
Internal Cable (per 100-Pair Copper Stub Cable)	\$ 185.54	\$ 50.63

Table 2: Rates for the State of Tennessee (continued)

Item	Rate	Rate
<b>Security Card</b>		
Security Card (per Card)	\$ 15.00	N/A
<b>Additional Labor Charges (Physical or Virtual)</b>		
Additional Labor 1/4 hour CO Technician - Regular	\$ 11.22	N/A
Additional Labor 1/4 hour CO Technician - Overtime	\$ 16.83	N/A
Additional Labor 1/4 hour CO Technician - Premium	\$ 22.44	N/A
Additional Labor 1/4 hour CO Engineer	\$ 14.39	N/A
Additional Labor 1/4 hour OSP Technician - Regular	\$ 13.83	N/A
Additional Labor 1/4 hour OSP Technician - Overtime	\$ 20.75	N/A
Additional Labor 1/4 hour OSP Technician - Premium	\$ 27.66	N/A
Additional Labor 1/4 hour OSP Engineer	\$ 12.93	N/A
<b>All elements</b>	ICB	ICB
<b>All elements</b>	ICB	ICB

## GENERAL CLEC DISASTER RECOVERY PROCEDURES

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### Exhibit A – TRRO Wire Center Thresholds As of April 22, 2005

#### LOOPS

Wire Centers exceeding the UNE Loop DS1 Threshold (60,000 Business Access Lines and 4 fiber based collocators)

<u>State</u>	<u>Wire Center</u>	<u>CLLI</u>
NV	West 6	LSVGNVXK

Wire Centers exceeding the UNE Loop DS3 Threshold (38,000 Business Access Lines and 4 fiber-based collocators)

<u>State</u>	<u>Wire Center</u>	<u>CLLI</u>
NV	Main	LSVGNVXB
NV	South 5	LSVGNVXG
NV	West West	LSVGNVXW

#### TRANSPORT

##### Tier 1 Wire Centers for UNE Dedicated Transport

<u>State</u>	<u>Wire Center</u>	<u>CLLI</u>	<u>State</u>	<u>Wire Center</u>	<u>CLLI</u>
FL	Altamonte Springs	ALSPFLXA	NV	West 6	LSVGNVXK
FL	Fort Myers	FTMYFLXA	NV	South 6	LSVGNVXL
FL	Maitland	MTLDFLXA	NV	South South	LSVGNVXV
FL	Tallahassee	TLHSFLXA	NV	West West	LSVGNVXW
FL	Winter Park	WNPFLXA	TN	Bristol	BRSTTNXA
NV	Main	LSVGNVXB	TN	Johnson City	JHCYTNXC
NV	South 5	LSVGNVXG	TN	Kingsport	KGPTTNXA

##### Tier 2 Wire Centers for UNE Dedicated Transport

<u>State</u>	<u>Wire Center</u>	<u>CLLI</u>
FL	Goldenrod	GLRDFLXA
FL	Lake Brantley	LKBRFLXA
FL	Tallahassee	TLHSFLXD
MO	Jefferson City	JFCYMOXA
NV	East 1	LSVGNVXR
NC	Fayetteville	FYVLNCXA
NC	Rocky Mount	RCMTNCXA

All other CenturyLink Wire Centers are currently considered Tier 3 Wire Centers for UNE Dedicated Transport

**SPRINT**

**DISASTER RECOVERY PLANNING**

**For**

**CLECs**

# **GENERAL CLEC DISASTER RECOVERY PROCEDURES**

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## **GENERAL CLEC DISASTER RECOVERY PROCEDURE**

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# **GENERAL CLEC DISASTER RECOVERY PROCEDURES**

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## **GENERAL CLEC DISASTER RECOVERY PROCEDURE**

### **1.0 PURPOSE**

In the unlikely event of a disaster occurring that affects CenturyLink's long-term ability to deliver traffic to a Competitive Local Exchange Carrier (CLEC), general procedures have been developed to hasten the recovery process. Since each location is different and could be affected by an assortment of potential problems, a detailed recovery plan is impractical. However, in the process of reviewing recovery activities for specific locations, some basic procedures emerge that appear to be common in most cases.

These general procedures should apply to any disaster that affects the delivery of traffic for an extended time period. Each CLEC will be given the same parity consideration during an outage and service will be restored as quickly as possible.

This document will cover the basic recovery procedures that would apply to every CLEC.

### **2.0 IDENTIFYING THE PROBLEM**

During the early stages of problem detection, the NOC will be able to tell which CLECs are affected by the catastrophe. Further analysis and/or first hand observation will determine if the disaster has affected CLEC equipment only; CenturyLink equipment only or a combination. The equipment that is affected will largely determine the initial restoration activity.

Once the nature of the disaster is determined and after verifying the cause of the problem, the NOC will initiate reroutes and/or transfers that are jointly agreed upon by the affected CLECs' Network Management Center and the CenturyLink NOC. The type and percentage of controls used will depend upon available network capacity. Controls necessary to stabilize the situation will be invoked and the NOC will attempt to re-establish as much traffic as possible.

The service centers will also be impacted by a disaster situation, and separate measures for their recovery are included as well.

### **3.0 SITE CONTROL**

In the total loss of building use scenario, what likely exists will be a smoking pile of rubble. This rubble will contain many components, which could be dangerous. It could also contain any personnel on the premises at the time of the disaster. For these reasons, the local fire marshal with the assistance of the police will control the site until the building is no longer a threat to surrounding properties and the companies have secured the site from the general public.

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During this time, the majority owner of the building should be arranging for a demolition contractor to mobilize to the site with the primary objective of reaching the cable entrance facility for a damage assessment. The results of this assessment would then dictate immediate plans for restoration, both short term and permanent.

In a less catastrophic event, i.e., the building is still standing and the cable entrance facility is usable, the situation is more complex. Local authorities will initially control the site until the threat to adjacent property has diminished. Once the site is returned to the control of the companies, the following events should occur.

An initial assessment of the main building infrastructure systems (mechanical, electrical, fire and life safety, elevators, and others) will establish building needs. Once these needs are determined, the majority owner should lead the building restoration efforts. There may be situations where the site will not be totally restored within the confines of the building. The companies must individually determine their needs and jointly assess the cost of permanent restoration to determine the overall plan of action.

Multiple restoration trailers from each company will result in the need for designated space and installation order. This layout and control is required to maximize the amount of restoration equipment that can be placed at the site, and the priority of placements.

Care must be taken in this planning to insure other restoration efforts have logistical access to the building. Major components of telephone and building equipment will need to be removed and replaced. A priority for this equipment must also be jointly established to facilitate overall site restoration. (Example: If the AC switchgear has sustained damage, this would be of the highest priority in order to regain power, lighting, and HVAC throughout the building.)

If the site will not accommodate the required restoration equipment, the companies would then need to quickly arrange with local authorities for street closures, rights of way and other possible options available.

#### **4.0 ENVIRONMENTAL CONCERNS**

In the worse case scenario, many environmental concerns must be addressed. Along with the police and fire marshal, the state environmental protection department will be on site to monitor the situation.

Items to be concerned with in a large central office building could include:

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1. Emergency engine fuel supply. Damage to standby equipment and the fuel handling equipment could have created "spill" conditions that have to be handled within state and federal regulations.
2. Asbestos containing materials that may be spread throughout the wreckage. Asbestos could be in many components of building, electrical, mechanical, outside plant distribution, and telephone systems.
3. Lead and acid. These materials could be present in potentially large quantities depending upon the extent of damage to the power room.
4. Mercury and other regulated compounds resident in telephone equipment.
5. Other compounds produced by the fire or heat.

Once a total loss event occurs at a large site, local authorities will control immediate clean up (water placed on the wreckage by the fire department) and site access.

At some point, the companies will become involved with local authorities in the overall planning associated with site clean up and restoration. Depending on the clean up approach taken, delays in the restoration of several hours to several days may occur.

In a less severe disaster, items above are more defined and can be addressed individually depending on the damage.

In each case, the majority owner should coordinate building and environmental restoration as well as maintain proper planning and site control.

## **5.0 EMERGENCY RESTORATION PLAN FOR CSO ORGANIZATION**

### **5.1 Introduction**

This plan provides a basic organizational structure and defines areas of responsibility for a wide range of disasters. It is intended to allow and encourage maximum organizational flexibility in responding to all potential disasters. The organization outlined here includes only those people who normally would support the Service Center operations.



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### **GENERAL CLEC DISASTER RECOVERY PROCEDURE**

#### **5.2 General Information**

As soon as it is determined that an emergency situation exists, the Service Center Manager will hold a meeting with the Local Assessment Team and make plans for placing the Disaster Recovery Plan into effect.

The assessment teams areas of responsibilities will be determined and assigned by the Service Center Manager.

As soon as practical, the Service Center Manager will use all means available for alerting the personnel who will be needed to make the assessment, keeping in mind that the assessment should be completed as soon as possible after an emergency occurrence.

After personnel report, the Service Center Manager, or his designated representative, will provide the necessary information to begin the damage assessments.

It is most important that the Service Center Manager ensure that the assessment team is properly instructed and keeps in mind CenturyLink's safety practices and abides by them while securing center assessment information.

#### **6.0 EMERGENCY RESTORATION**

In the event an emergency situation develops, or is in the process of developing, the Service Center Manager will hold a meeting with the Local Assessment team to place the Disaster Recovery Plan into operation.

##### **6.1 Local Service Center Assessment Team**

- Service Center Manager
- Manager-Buildings/Grounds
- Security Manager
- Information Services Manager
- Manager Safety /Risk/Loss
- Public Relations Manager

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#### **6.2 Agenda for Meeting**

The Local Assessment Team should review the following subjects and take action as necessary to expedite the restoration of service.

- Departments affected
- AC power failures
- LAN Connectivity
- Communication System Assessment
- Working Conditions (weather, delays, etc.)
- Work force requirements (forces on the job, in transit, etc.)
- Extra Forces needed
- Contractors needed
- Restoration schedules – temporary/permanent
- Equipment requirements
- General review of responsibilities
- Secure from Decision Support work order number

#### **7.0 EMERGENCY RESTORATION PRIORITY**

The priority for restoration will be established at the time of the emergency or disaster, as conditions dictate. The following are considerations for restoration in order of priority:

1. Assignment
2. Remote Entry
3. CLEC

#### **8.0 WORK DISTRIBUTION RECOMMENDATION**

Scottsbluff, Nebraska - All work can be routed to Jefferson City, Missouri.

Jefferson City, Missouri - All work can be routed to Carlisle.

Carlisle, Pennsylvania - All work can be routed to Jefferson City, Missouri

Fayetteville, North Carolina -

Remote Entry for Companies "O" & "C" to Winter Garden.

Remote Entry for Company "S" to Carlisle.

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### **GENERAL CLEC DISASTER RECOVERY PROCEDURE**

Assignment for Company "C" to Las Vegas  
Assignment for Company "S" to Ft. Myers

Assignment for Company "O" to Jefferson City  
CLEC to Ft. Myers

Las Vegas, Nevada  
Remote Entry to Winter Garden and Carlisle  
Assignment to Fayetteville, Ft. Myers, and Jefferson City  
CLEC to Fayetteville

Winter Garden, Florida  
Remote entry to Jefferson City, Carlisle, and Fayetteville  
Ft. Myers, Florida  
Assignment to Las Vegas, Jefferson City, Carlisle, and Fayetteville  
CLEC to Las Vegas and Fayetteville

Note: The techs will call directly to the 800 number of the receiving center. This will also help with work distribution.

## **9.0 EMERGENCY RESTORATION PLAN FOR NETWORK ORGANIZATION CENTER**

### **9.1 Disaster Management Structure**

The Disaster Recovery Management Team is compromised of internal and external personnel responsible for maintaining and executing the plan. The Plan addresses both short and long term disaster but is flexible enough to resolve less severe disruptions.

The nature of the disruption typically indicates the specific resources needed for recovery. Therefore, the resources utilized by the Recovery Team are directly related to the extent of the damage caused by the event.

The primary responsibilities of the Disaster Recovery Management Team are to:

- Accomplish rapid and efficient recovery of the network and application systems at the primary and alternate site locations.

## **GENERAL CLEC DISASTER RECOVERY PROCEDURES**

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### **GENERAL CLEC DISASTER RECOVERY PROCEDURE**

- Manage recovery and non-recovery activities to protect vital NOC functions until normal operations are resumed.
- Conduct streamlined reporting of recovery progress from the recovery team level upward to Executive Management and downward to affected personnel.

The Disaster Recovery Management Team consists of:

- NOC Director
- Manager of Special Services
- Manager of Technical Assistance
- Manager of Surveillance
- Manager of Scheduling & Administration

All leadership positions on the Recovery Team are required to have an alternate person to assume their position in the case they are not available at the time of the disaster and subsequent recovery.

#### **9.2 Network Operations Center- Director**

The NOC Director manages the recovery and restoration effort, reporting recovery and progress and problems to Executive Management. All individual groups within the NOC function under this supervision throughout the recovery and restoration. Managers of the groups report recovery status directly to the NOC Director.

In a non-disaster mode the Director assumes the role in ensuring that the Plan is properly documented, maintained and tested in order to ensure that a state of readiness always exists sufficient to respond to any level of disaster. Functional management groups operating under this direction are:

Internal:

- Technical Assistance
- Special Services
- Scheduling and Administration
- Surveillance
- Corporate Communications (Public Relations)

## **GENERAL CLEC DISASTER RECOVERY PROCEDURES**

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### **GENERAL CLEC DISASTER RECOVERY PROCEDURE**

#### **10.0 RECOVERY PROCEDURES**

The nature and severity of any disaster will influence the recovery procedures. One crucial factor in determining how CenturyLink will proceed with restoration is whether or not CenturyLink's equipment is incapacitated. Regardless of who's equipment is out of service, CenturyLink will move as quickly as possible to aid with service recovery; however, the approach that will be taken may differ depending upon the location of the problem.

#### **10.1 CLEC OUTAGE**

For a problem limited to one CLEC (or a building with multiple CLECs). CenturyLink has several options available for restoring service quickly. For those CLECs that have agreements with other CLECs, CenturyLink can immediately start directing traffic to a provisional CLEC for completion. This alternative is dependent upon CenturyLink having concurrence from the affected CLECs.

Whether or not the affected CLECs have requested a traffic transfer to another CLEC will not impact CenturyLink's resolve to re-establish traffic to the original destination as quickly as possible.

#### **10.2 SPRINT OUTAGE**

Because CenturyLink's equipment has varying degrees of impact on the service provided to the CLECs, restoring service from damaged CenturyLink equipment is different. The outage will probably impact a number of Carriers simultaneously.

A disaster involving any of CenturyLink's equipment locations could impact the CLECs, some more than others. A disaster at a Central Office (CO) would only impact the delivery of traffic to and from that Center (SWC), then traffic from the entire area to those Carriers served from that switch would also be impacted. If the switch functions as an Access tandem or there is a tandem in the building, traffic from every CO to every CLEC could be interrupted. A disaster that destroys a facility hub could disrupt various traffic flows, even though the switching equipment may be unaffected.

The NOC would be the first group to observe a problem involving CenturyLink's equipment. Shortly after a disaster, the NOC will begin applying controls and finding reroutes for the completion of as much traffic as possible. These reroutes may involve delivering traffic to alternate Carriers upon receiving approval from affected carriers and notification of the CLECs involved. In some cases, changes in translations will be required.

### **GENERAL CLEC DISASTER RECOVERY**

#### **PROCEDURE**

##### **10.2.1 Loss of a Central Office**

When CenturyLink loses a Central Office, the NOC will

- a) Place specialists and emergency equipment on notice.
- b) Inventory the damage to determine what equipment and/or functions are lost,
- c) Move containerized emergency equipment and facility equipment to the stricken area, if necessary.
- d) Begin reconnecting service for Hospitals, Police and other emergency agency customers of CLECs and CenturyLink in a nondiscriminatory manner in accordance with SNEP-TSP guidelines, and
- e) Begin restoring service to CLECs and other customers

##### **10.2.2 Loss of a Central Office with Serving Wire Center Functions**

The loss of a Central Office that also serves as a Serving Wire Center (SWC) will be restored as described in section 5.2.1.

##### **10.2.3 Loss of a Central Office with Tandem Functions**

When CenturyLink loses a Central Office building that serves as an Access Tandem and as a SWC, the NOC will

- a) Place specialists and emergency equipment on notice;
- b) Inventory the damage to determine what equipment and/or functions are lost.
- c) Move containerized emergency equipment and facility equipment to the stricken area, if necessary.
- d) Begin reconnecting service for Hospitals, Police and other emergency agency customers of CLECs and a CenturyLink in a nondiscriminatory manner in accordance with NSEP-TSP guidelines, and
- e) Redirect as much traffic as possible to the alternate access tandem (if available) for delivery to those CLECs utilizing a different location as a SWC.
- f) Begin aggregating traffic to a location near the damaged building. From this location, begin re-establishing trunk groups to the CLECs for the delivery of traffic normally found on the direct trunk groups. (This aggregation point may be the alternate access tandem location or another CO on a primary facility route.)

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- g) Begin restoring service to CLECs and other customers.

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### **GENERAL CLEC DISASTER RECOVERY PROCEDURE**

#### **10.2.4 Loss of a Facility Hub**

In the event that CenturyLink loses a facility hub, the recovery process is much the same as above. The recovery effort will include:

- a) Placing specialists and emergency equipment on notice;
- b) Inventorying the damage to determine what equipment and/or functions are lost;
- c) Moving containerized emergency equipment to the stricken area, if necessary;
- d) Reconnecting service for Hospitals, Police and other emergency agency customers of CLECs and CenturyLink in a nondiscriminatory manner in accordance with NSEP-TSP guidelines; and
- e) Restoring service to CLECs and other customers. If necessary, CenturyLink will aggregate the traffic at another location and build temporary facilities. This alternative would be viable for a location that is destroyed and building repairs are required.

#### **10.3 COMBINED OUTAGE (CLEC AND SPRINT EQUIPMENT)**

In some instances, a disaster may impact CenturyLink's equipment as well as the CLECs'. This situation will be handled in much the same way as described in section 5.2.3. Since CenturyLink and the CLECs will be utilizing temporary equipment, close coordination will be required.

##### **10.3.1 ALTERNATIVE BUILDING**

In preparation for an extended outage, each Service Center Manager to identify with Land & Buildings an alternate company location that could be converted to a temporary service center. Alternate space to accommodate:

- Work stations
- Computers
- Telephones
- LAN Connections

This space would not be occupied or furnished in advance but would be equipped with LAN and telephone connections.

