

**INTERCONNECTION AGREEMENT**

**TERMS AND CONDITIONS FOR INTERCONNECTION,  
UNBUNDLED NETWORK ELEMENTS, ANCILLARY SERVICES,  
AND RESALE OF TELECOMMUNICATION SERVICES  
BETWEEN  
QWEST CORPORATION  
AND  
SC TXLINK, LLC  
FOR THE STATE OF WASHINGTON**

**Agreement Number  
CDS-040927-0001**

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## Section 1.0 - GENERAL TERMS

1.1 This Agreement for Interconnection, Unbundled Network Elements, ancillary services, and resale of Telecommunications Services is between SC TxLink, LLC, ("CLEC") a Texas corporation with offices at 8641 Glenturret Drive, Ovilla, Texas 75154 and Qwest Corporation ("Qwest"), a Colorado Corporation with offices at 1801 California Street, Denver, Colorado 80202, pursuant to Section 252(f) of the Telecommunications Act of 1996, for purposes of fulfilling Qwest's obligations under Sections 222, 251(a), (b), and (c), 252, 271, and other relevant provisions of the Act and the rules and regulations promulgated thereunder.

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1.3 This Agreement sets forth the terms, conditions and pricing under which Qwest will provide to CLEC network Interconnection, access to Unbundled Network Elements, ancillary services, and Telecommunications Services available for resale within the geographical areas in which Qwest is providing local Exchange Service at that time, and for which Qwest is the incumbent Local Exchange Carrier within the state of [Insert State Name(s)], for purposes of providing local Telecommunications Services.

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1.7 Once this Agreement is approved, any amendment to the Agreement by the Parties will be accomplished through Section 252 of the Act. This Agreement can only be amended in writing, executed by the duly authorized representatives of the Parties.

1.7.1 Notwithstanding the above, if the Commission orders, or Qwest chooses to offer and CLEC desires to purchase, new Interconnection services, access to additional Unbundled Network Elements, additional ancillary services or Telecommunications Services available for resale which are not contained in this SGAT or a Tariff, Qwest will notify CLEC of the availability of these new services through the product notification process through the Change Management Process (CMP). CLEC must first complete the relevant section(s) of the New Product Questionnaire to establish ordering and Billing processes. In addition, the Parties shall amend this Agreement under one (1) of the following two (2) options:

1.7.1.1 If CLEC is prepared to accept Qwest's terms and conditions for such new product, CLEC shall execute a form Advice Adoption Letter (the form of which is attached hereto as Exhibit L), to be furnished by Qwest, and include as an attachment, the discreet terms and conditions available on Qwest's wholesale web site, that Qwest has identified as pertaining to the new product. CLEC shall submit the Advice Adoption Letter to the Commission for its approval. CLEC shall also provide the Advice Adoption Letter to Qwest pursuant to the notice provisions in this Agreement and may begin ordering the new product pursuant to the terms of this Agreement as amended by such Advice Adoption Letter.

1.7.1.2 If CLEC wishes to negotiate an amendment with different terms

and conditions than defined by Qwest for such new product, CLEC agrees to abide by those terms and conditions on an interim basis by executing the Interim Advice Adoption Letter (the form of which is attached hereto as Exhibit M) based upon the terms and conditions available on Qwest's wholesale web site that Qwest has identified as pertaining to the new product. The Interim Advice Adoption Letter will terminate when the final amendment is approved. The rates and to the extent practicable, other terms and conditions contained in the final amendment will relate back to the date the Interim Advice Adoption Letter was executed. No new product offering or accompanying Interim Advice Adoption Letter will be construed to limit or add to any rates, terms or conditions existing in this Agreement.

1.8 The Parties shall comply with Section 252(i) of the Act and Section 51.809 of the FCC's rules when amending their Interconnection Agreement. However, nothing in this provision precludes CLEC from seeking an amendment to its Interconnection Agreement pursuant to Section 1.7 of this Agreement, including seeking an amendment to include terms and conditions contained within Qwest's current SGAT, subject to Qwest's agreement. Nonetheless, CLEC may not amend its Interconnection Agreement to include terms and conditions that may be contained within Qwest's current SGAT that have been affected by a change in applicable law. Finally, with respect to the terms and provisions of this Agreement, Qwest has negotiated the Agreement in its entirety, and the inclusion of any particular provision, or rate, term and condition, is not evidence of the reasonableness thereof when considered apart from all other provisions of the Agreement.

## **Section 2.0 - INTERPRETATION AND CONSTRUCTION**

2.1 This Agreement includes this Agreement and all Exhibits appended hereto, each of which is hereby incorporated by reference in this Agreement and made a part hereof. All references to Sections and Exhibits shall be deemed to be references to Sections of, and Exhibits to, this Agreement unless the context shall otherwise require. The headings and numbering of Sections and Exhibits used in this Agreement are for convenience only and will not be construed to define or limit any of the terms in this Agreement or affect the meaning and interpretation of this Agreement.

2.2 The provisions in this Agreement are intended to be in compliance with and based on the existing state of the law, rules, regulations and interpretations thereof, including but not limited to state rules, regulations, and laws, as of June 16, 2004 (the Existing Rules). Nothing in this Agreement shall be deemed an admission by Qwest or CLEC concerning the interpretation or effect of the Existing Rules or an admission by Qwest or CLEC that the Existing Rules should not be changed, vacated, dismissed, stayed or modified. Nothing in this Agreement shall preclude or estop Qwest or CLEC from taking any position in any forum concerning the proper interpretation or effect of the Existing Rules or concerning whether the Existing Rules should be changed, vacated, dismissed, stayed or modified. To the extent that the Existing Rules are vacated, dismissed, stayed or materially changed or modified, then this Agreement shall be amended to reflect such legally binding modification or change of the Existing Rules. Where the Parties fail to agree upon such an amendment within sixty (60) Days after notification from a Party seeking amendment due to a modification or change of the Existing Rules or if any time during such sixty (60) Day period the Parties shall have ceased to negotiate such new terms for a continuous period of fifteen (15) Days, it shall be resolved in accordance with the Dispute Resolution provision of this Agreement. It is expressly understood that this Agreement will be corrected, or if requested by CLEC, amended as set forth in this

Section 2.2, to reflect the outcome of generic proceedings by the Commission for pricing, service standards, or other matters covered by this Agreement. Rates in Exhibit A will reflect legally binding decisions of the Commission and shall be applied on a prospective basis from the effective date of the legally binding Commission decision, unless otherwise ordered by the Commission. Any amendment shall be deemed effective on the effective date of the legally binding change or modification of the Existing Rules for rates, and to the extent practicable for other terms and conditions, unless otherwise ordered. During the pendency of any negotiation for an amendment pursuant to this Section 2.2, the Parties shall continue to perform their obligations in accordance with the terms and conditions of this Agreement. For purposes of this section, "legally binding" means that the legal ruling has not been stayed, no request for a stay is pending, and any deadline for requesting a stay designated by statute or regulation, has passed.

2.3 Unless otherwise specifically determined by the Commission, in cases of conflict between this Agreement and Qwest's Tariffs, PCAT, methods and procedures, technical publications, policies, product notifications or other Qwest documentation relating to Qwest's or CLEC's rights or obligations under this Agreement, then the rates, terms, and conditions of this Agreement shall prevail. To the extent another document abridges or expands the rights or obligations of either Party under this Agreement, the rates, terms and conditions of this Agreement shall prevail.

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### **Section 3.0 - CLEC INFORMATION**

3.1 Except as otherwise required by law, Qwest will not provide or establish Interconnection, Unbundled Network Elements, ancillary services and/or resale of Telecommunications Services in accordance with the terms and conditions of this Agreement prior to CLEC's execution of this Agreement. The Parties shall complete Qwest's "New Customer Questionnaire," as it applies to CLEC's obtaining of Interconnection, Unbundled Network Elements, ancillary services, and/or resale of Telecommunications Services hereunder.

3.2 Prior to placing any orders for services under this Agreement, the Parties will jointly complete the following sections of Qwest's "New Customer Questionnaire:"

General Information

Billing and Collection (Section 1)

Credit Information

Billing Information

Summary Billing

OSS and Network Outage Notification Contact Information

System Administration Contact Information

Ordering Information for LIS Trunks, Collocation, and Associated Products (if CLEC plans to order these services)

Design Layout Request – LIS Trunking and Unbundled Loop (if CLEC plans to order these services)

3.2.1 The remainder of this questionnaire must be completed within two (2) weeks of completing the initial portion of the questionnaire. This questionnaire will be used to:

Determine geographical requirements;

Identify CLEC identification codes;

Determine Qwest system requirements to support CLEC's specific activity;

Collect credit information;

Obtain Billing information;

Create summary bills;

Establish input and output requirements;

Create and distribute Qwest and CLEC contact lists; and

Identify CLEC hours and holidays.

3.2.2 CLECs that have previously completed a Questionnaire need not fill out a New Customer Questionnaire; however, CLEC will update its New Customer Questionnaire with any changes in the required information that have occurred and communicate those changes to Qwest. Before placing an order for a new product, CLEC will need to complete the relevant New Product Questionnaire and amend this Agreement, which may include an amendment pursuant to Section 1.7.1.

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## Section 4.0 - DEFINITIONS

"Access Service Request" or "ASR" means the industry guideline forms and supporting documentation used for ordering Access Services. The ASR will be used to order trunking and facilities between CLEC and Qwest for Local Interconnection Service.

"Access Services" refers to the interstate and intrastate switched access and private line transport services offered for the origination and/or termination of interexchange traffic.

"Access Tandem Switch" is a Switch used to connect End Office Switches to interexchange Carrier Switches. Qwest's Access Tandem Switches are also used to connect and switch traffic between and among Central Office Switches within the same LATA and may be used for the exchange of local traffic.

"Act" means the Communications Act of 1934 (47 U.S.C. 151 et. seq.), as amended and as from time to time interpreted in the duly authorized rules and regulations of the FCC or the Commission.

"Advanced Services" refers to high speed, switched, broadband, wireline Telecommunications capability that enables users to originate and receive high-quality, voice, data, graphics or video Telecommunications using any technology.

"Affiliate" means a Person that (directly or indirectly) owns or controls, is owned or controlled by, or is under common ownership or control with, another person. For purposes of this paragraph, the term 'own' means to own an equity interest (or the equivalent thereof) of more than 10 percent.

"AMI T1" is a transmission system sometimes used on loops to transmit DS1 signals (1.544 Mbps) using Alternate Mark Inversion (AMI) line code.

"Applicable Law" means all laws, statutes, common law, ordinances, codes, rules, guidelines, orders, permits and approval of any governmental regulations, including, but not limited to, the Act, the regulations, rules, and final orders of the FCC and the Commission, and any final orders and decisions of a court of competent jurisdiction reviewing the regulations, rules, or orders of the FCC or the Commission.

"Application Date" or "APP" means the date CLEC provides Qwest an application for service containing required information as set forth in this Agreement.

"ATIS" or "Alliance for Telecommunications Industry Solutions" is a North American telecommunication industry standards forum which, through its committees and working groups, creates, and publishes standards and guidelines designed to enable interoperability and Interconnection for Telecommunications products and services. ATIS Standards and Guidelines, as well as the standards of other industry fora, are referenced herein.

"Automated Message Accounting" or "AMA" is the structure inherent in Switch technology that initially records telecommunication message information. AMA format is contained in the AMA document, published by Telcordia Technologies, or its successors, as GR-1100-CORE which defines the industry standard for message recording.

"Automatic Location Identification" or "ALI" is the automatic display at the Public Safety Answering Point (PSAP) of the caller's telephone number, the address/location of the telephone and supplementary emergency services information for Enhanced 911 (E911).

"Automatic Location Identification/Database Management System" or "ALI/DBMS" is an Enhanced 911/(E911) database containing End User Customer location information (including name, service 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 and used by the PSAP for emergency call handling (i.e., dispatch of emergency aid).

"Automatic Location Identification Gateway" or "ALI Gateway" is a computer facility into which CLEC delivers Automatic Location Identification (ALI) data for CLEC Customers. Access to the ALI Gateway will be via a dial-up modem using a common protocol.

"Automatic Number Identification" or "ANI" is the Billing telephone number associated with the access line from which a call originates. ANI and Calling Party Number (CPN) usually are the same number.

"Automatic Route Selection" or "ARS" is a service feature that provides for automatic selection of the least expensive or most appropriate transmission facility for each call based on criteria programmed into a circuit Switch routing table or system.

"Basic Exchange Telecommunications Service" means, unless otherwise defined in Commission rules and then it shall have the meaning set forth therein, a service offered to End User Customers which provides the End User Customer with a telephonic connection to, and a unique local telephone number address on, the public switched telecommunications network, and which enables such End User Customer to generally place calls to, or receive calls from, other stations on the public switched telecommunications network. Basic residence and business line services are Basic Exchange Telecommunications Services. As used solely in the context of this Agreement and unless otherwise agreed, Basic Exchange Telecommunications Service includes access to ancillary services such as 911, directory assistance and operator services.

"Bill Date" means the date on which a Billing period ends, as identified on the bill.

"Billing" involves the provision of appropriate usage data by one Telecommunications Carrier to another to facilitate Customer Billing with attendant acknowledgments and status reports. It also involves the exchange of information between Telecommunications Carriers to process claims and adjustments.

"Binder Groups" means the sub-units of a cable, usually in groups of 25, 50 or 100 color-coded twisted pairs wrapped in colored tape within a cable.

"Bona Fide Request" or "BFR" shall have the meaning set forth in Section 17.

"Bridged Tap" means the unused sections of a twisted pair subtending the Loop between the End User Customer and the Serving Wire Center or extending beyond the End User Customer's location.

"Busy Line Verify/Busy Line Interrupt" or "BLV/BLI Traffic" means a call to an operator service in which the caller inquires as to the busy status of or requests an interruption of a call on another End User Customer's Basic Exchange Telecommunications Service line.

"Calling Party Number" or "CPN" is a Common Channel Signaling (CCS) parameter which refers to the ten digit number transmitted through a network identifying the calling party. Reference Qwest Technical Publication 77342.

"Carrier" or "Common Carrier" See Telecommunications Carrier.

"Carrier Liaison Committee" or "CLC" is under the auspices of ATIS and is the executive oversight committee that provides direction as well as an appeals process to its subtending fora, the Network Interconnection Interoperability Forum (NIIF), the Ordering and Billing Forum (OBF), the Industry Numbering Committee (INC), and the Toll Fraud Prevention Committee (TFPC). On occasion, the CLC commissions ad hoc committees when issues do not have a logical home in one of the subtending forums. OBF and NIMC publish business process rules for their respective areas of concern.

"Central Office" means a building or a space within a building where transmission facilities or circuits are connected or switched.

"Central Office Switch" means a Switch used to provide Telecommunications Services, including, but not limited to:

"End Office Switches" which are used to terminate End User Customer station Loops, or equivalent, for the purpose of interconnecting to each other and to trunks; and

"Tandem Office Switches" (or "Tandem Switches") which are used to connect and switch trunk circuits between and among other End Office Switches. CLEC Switch(es) shall be considered Tandem Office Switch(es) to the extent such Switch(es) serve(s) a comparable geographic area as Qwest's Tandem Office Switch. A fact-based consideration by the Commission of geography should be used to classify any Switch on a prospective basis.

"Centralized Automatic Message Accounting" or "CAMA" trunks are trunks using MF signaling protocol used to record Billing data.

"Centralized Message Distribution System" or "CMDS" means the operation system that Local Exchange Carriers use to exchange outcollect and IABS access messages among each other and other parties connected to CMDS.

"Centrex" shall have the meaning set forth in Section 6.2.2.9.

"Charge Number" is a Common Channel Signaling parameter, which refers to the number, transmitted through the network identifying the Billing number of the calling party. Charge Number frequently is not the Calling Party Number (CPN).

"Collocation" is an arrangement where Qwest provides space in Qwest Premises for the placement of CLEC's equipment to be used for the purpose of Interconnection or access to Qwest Unbundled Network Elements.

"Collocation – Point of Interconnection" or "C-POI" is the point outside Qwest's Wire Center where CLEC's fiber facility meets Qwest's Fiber Entrance Facility, except where CLEC uses an Express Fiber Entrance Facility. In either case, Qwest will extend or run the Fiber Entrance Facility to CLEC's Collocation Space.

"Commercial Mobile Radio Service" or "CMRS" is defined in 47 U.S.C. Section 332 and FCC rules and orders interpreting that statute.

"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 a requesting Telecommunications Carrier has obtained at wholesale from Qwest, or the combination of an Unbundled Network Element, or a Combination of Unbundled Network Elements, with one or more such facilities or services.

"Commingle" means the act of Commingling.

"Commission" means the State Regulatory Commission or Board with jurisdiction for the services provided pursuant to this Agreement. In the State of Washington, "Commission" means the Washington Utilities and Transportation Commission.

"Common Channel Signaling" or "CCS" means a method of exchanging call set up and network control data over a digital signaling network fully separate from the Public Switched Network that carries the actual call. Signaling System 7 ("SS7") is currently the preferred CCS method.

"Communications Assistance for Law Enforcement Act" or "CALEA" refers to the duties and obligations of Carriers to assist law enforcement agencies by intercepting communications and records, and installing pen registers and trap and trace devices.

"Competitive Local Exchange Carrier" or "CLEC" refers to a Party that has submitted a request, pursuant to this Agreement, to obtain Interconnection, access to Unbundled Network Elements, ancillary services, or resale of Telecommunications Services. A CLEC is an entity authorized to provide Local Exchange Service that does not otherwise qualify as an Incumbent Local Exchange Carrier (ILEC).

"Confidential Information" shall have the meaning set forth in Section 5.16.

"Cross Connection" is a cabling scheme between cabling runs subsystems, and equipment using patch cords or jumper wires that attach to connection hardware on each end.

"Current Service Provider" means the Party from which an End User Customer is planning to switch its local exchange service or the Party from which an End User Customer is planning to port its telephone number(s).

"Custom Calling Features" comprise a group of features provided via a Central Office Switch without the need for special Customer Premises Equipment. Features include, but are not limited to, call waiting, 3-way calling, abbreviated dialing (speed calling), call forwarding, and series completing (busy or no answer).

"Custom Local Area Signaling Service" or "CLASS" is a set of call-management service features consisting of number translation services, such as call forwarding and caller identification, available within a Local Access and Transport Area ("LATA"). Features include, but are not

limited to, automatic callback, automatic recall, calling number delivery, Customer originated trace, distinctive ringing/call waiting, selective call forwarding and selective call rejection.

"Customer" is a Person to whom a Party provides or has agreed to provide a specific service or set of services, whether directly or indirectly. Customer includes Telecommunication Carriers. See also, End User Customer.

"Customer Premises Equipment" or "CPE" means equipment employed on the premises of a Person other than a Carrier to originate, route or terminate Telecommunications (e.g., a telephone, PBX, modem pool, etc.).

"Customer Usage Data" means the Telecommunications Service usage data of a CLEC Customer, measured in minutes, sub-minute increments, message units or otherwise, that is recorded by Qwest AMA equipment and forwarded to CLEC.

"Data Local Exchange Carrier" or "DLEC" is a CLEC interconnecting primarily for purposes of transporting data.

"Day" means calendar days unless otherwise specified.

"Demarcation Point" means the point where Qwest owned or controlled facilities cease, and CLEC, End User Customer, premises owner or landlord ownership or control of facilities begin.

"Designed, Verified and Assigned Date" or "DVA" means the date on which implementation groups are to report that all documents and materials have been received and are complete.

"Desired Due Date" means the desired service activation date as requested by CLEC on a service order.

"Dialing Parity" shall have the meaning set forth in Section 14.1.

"Digital Cross Connect System" or "DCS" is a function which provides automated Cross Connection of Digital Signal Level 0 (DS0) or higher transmission bit rate digital channels within physical interface facilities. Types of DCS include but are not limited to DCS 1/0s, DCS 3/1s, and DCS 3/3s, where the nomenclature 1/0 denotes interfaces typically at the DS1 rate or greater with Cross Connection typically at the DS0 rate. This same nomenclature, at the appropriate rate substitution, extends to the other types of DCS specifically cited as 3/1 and 3/3. Types of DCS that cross connect Synchronous Transport Signal level 1 (STS-1 s) or other Synchronous Optical Network (SONET) signals (e.g., STS-3) are also DCS, although not denoted by this same type of nomenclature. DCS may provide the functionality of more than one of the aforementioned DCS types (e.g., DCS 3/3/1 which combines functionality of DCS 3/3 and DCS 3/1). For such DCS, the requirements will be, at least, the aggregation of requirements on the "component" DCS. In locations where automated Cross Connection capability does not exist, DCS will be defined as the combination of the functionality provided by a Digital Signal Cross Connect (DSX) or Light Guide Cross Connect (LGX) patch panels and D4 channel banks or other DS0 and above multiplexing equipment used to provide the function of a manual Cross Connection. Interconnection is between a DSX or LGX to a Switch, another Cross Connection, or other service platform device.

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

"Digital Signal Level 0" or "DS0" is the 64 Kbps standard speed for digitizing one voice conversation using pulse code modulation. There are 24 DS0 channels in a DS1.

"Digital Signal Level 1" or "DS1" means the 1.544 Mbps first-level signal in the time-division multiplex hierarchy. In the time-division multiplexing hierarchy of the telephone network, DS1 is the initial level of multiplexing. There are 28 DS1s in a DS3.

"Digital Signal Level 3" or "DS3" means the 44.736 Mbps third-level signal in the time-division multiplex hierarchy. In the time-division multiplexing hierarchy of the telephone network, DS3 is defined as the third level of multiplexing.

"Digital Subscriber Line Access Multiplexer" or "DSLAM" is a network device that: (i) aggregates lower bit rate DSL signals to higher bit-rate or bandwidth signals (multiplexing) and (ii) disaggregates higher bit-rate or bandwidth signals to lower bit-rate DSL signals (demultiplexing). DSLAMs can connect DSL Loops with some combination of CLEC ATM, Frame Relay, or IP networks. The DSLAM must be located at the end of a copper Loop nearest the Serving Wire Center (e.g., in a Remote Terminal, Central Office, or a Customer's premises).

"Digital Subscriber Loop" or "DSL" refers to a set of service-enhancing copper technologies that are designed to provide digital communications services over copper Loops either in addition to or instead of normal analog voice service, sometimes referred to herein as xDSL, including, but not limited to, the following:

"ADSL" or "Asymmetric Digital Subscriber Line" is a Passband digital loop transmission technology that typically permits the transmission of up to 8 Mbps downstream (from the Central Office to the End User Customer) and up to 1 Mbps digital signal upstream (from the End User Customer to the Central Office) over one (1) copper pair.

"HDSL" or "High-Data Rate Digital Subscriber Line" is a synchronous baseband DSL technology operating over one or more copper pairs. HDSL can offer 784 Kbps circuits over a single copper pair, T1 service over two (2) copper pairs, or future E1 service over three (3) copper pairs.

"HDSL2" or "High-Data Rate Digital Subscriber Line 2" is a synchronous baseband DSL technology operating over a single pair capable of transporting a bit rate of 1.544 Mbps.

"IDSL" or "ISDN Digital Subscriber Line" or "Integrated Services Digital Network Digital Subscriber Line" is a symmetrical, baseband DSL technology that permits the bi-directional transmission of up to 128 Kbps using ISDN CPE but not circuit switching.

"RADSL" or "Rate Adaptive Digital Subscriber Line" is a form of ADSL that can automatically assess the condition of the Loop and optimize the line rate for a given line quality.

"SDSL" or "Symmetric Digital Subscriber Line" is a baseband DSL transmission technology that permits the bi-directional transmission from up to 160 kbps to 2.048 Mbps on a single pair.

"VDSL" or "Very High Speed Digital Subscriber Line" is a baseband DSL transmission technology that permits the transmission of up to 52 Mbps downstream (from the Central Office to the End User Customer) and up to 2.3 Mbps digital signal upstream (from the



End User Customer to the Central Office). VDSL can also be 26 Mbps symmetrical, or other combination.

"Directory Assistance Database" shall have the meaning set forth in Sections 10.5.2.2, 10.5.2.8, and 10.5.2.9.

"Directory Assistance Lists" shall have the meaning set forth in Section 10.6.1.1.

"Directory Assistance Service" includes, but is not limited to, making available to callers, upon request, information contained in the Directory Assistance Database. Directory Assistance Service includes, where available, the option to complete the call at the caller's direction.

"Directory Listings" or "Listings" are any information: (1) identifying the listed names of subscribers of a Telecommunications Carrier and such subscribers' telephone numbers, addressees, or primary advertising classifications (as such classifications are assigned at the time of the establishment of such service), or any combination of such listed names, numbers, addresses or classifications; and (2) that the Telecommunications Carrier or an Affiliate has published, caused to be published, or accepted for publication in any directory format.

"Disturber" is defined as a technology recognized by industry standards bodies that significantly degrades service using another technology (such as how AMI T1x affects DSL).

"DSX Panel" means a cross connect bay or panel used for the termination of equipment and facilities operating at digital rates.

"Due Date" means the specific date on which the requested service is to be available to CLEC or to CLEC's End User Customer, as applicable.

"Effective Date" shall have the meaning set forth in Section 1.4.

"Electronic Bonding" is a real-time and secure electronic exchange of data between information systems in separate companies. Electronic Bonding allows electronic access to services which have traditionally been handled through manual means. The heart of Electronic Bonding is strict adherence to both International and National standards. These standards define the communication and data protocols allowing all organizations in the world to exchange information.

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

"Emergency Service Number" or "ESN" is a three to five digit number representing a unique combination of Emergency Response Agencies (law enforcement, fire and emergency medical service) designed to serve a specific range of addresses within a particular geographical area. The ESN facilitates Selective Routing and transfer, if required, to the appropriate PSAP and the dispatch of proper Emergency Response Agency(ies).

"End User Customer" means a third party retail Customer that subscribes to a Telecommunications Service provided by either of the Parties or by another Carrier or by two (2) or more Carriers.

"Enhanced Services" means any service offered over Common Carrier transmission facilities that employ computer processing applications that act on the format, content, code, protocol or similar aspects of a subscriber's transmitted information; that provide the subscriber with additional, different or restructured information; or involve End User Customer interaction with stored information.

"Enhanced 911" or "E911" shall have the meaning set forth in Section 10.3.1.

"Environmental Hazard" means any substance the presence, use, transport, abandonment or disposal of which (i) requires investigation, remediation, compensation, fine or penalty under any Applicable Law (including, without limitation, the Comprehensive Environmental Response Compensation and Liability Act, Superfund Amendment and Reauthorization Act, Resource Conservation Recovery Act, the Occupational Safety and Health Act and provisions with similar purposes in applicable foreign, state and local jurisdictions) or (ii) poses risks to human health, safety or the environment (including, without limitation, indoor, outdoor or orbital space environments) and is regulated under any Applicable Law.

"Exchange Access" (IntraLATA Toll) as used in Section 7 is defined in accordance with Qwest's current IntraLATA toll serving areas, as determined by Qwest's state and interstate Tariffs and excludes toll provided using Switched Access purchased by an IXC. "Exchange Access" as used in the remainder of the SGAT shall have the meaning set forth in the Act.

"Exchange Message Interface" or "EMI" means the format used for exchange of Telecommunications message information among Telecommunications Carriers. It is referenced in the Alliance for Telecommunications Industry Solutions (ATIS) document that defines industry guidelines for the exchange of message records.

"Exchange Message Record" or "EMR" is the standard used for exchange of telecommunications message information between telecommunications providers for billable, non-billable, sample, settlement and study data. EMR format is contained in BR-010-200-010 CRIS Exchange Message Record, a Telcordia document that defines industry standards for exchange message records.

"Exchange Service" or "Extended Area Service (EAS)/Local Traffic" means traffic that is originated and terminated within the Local Calling Area as determined by the Commission.

"FCC" means the Federal Communications Commission.

"Fiber Meet" means an Interconnection architecture method whereby the Parties physically interconnect their networks via an optical fiber interface (as opposed to an electrical interface) at a mutually-agreed-upon location.

"Finished Services" means complete end to end services offered by Qwest to wholesale or retail Customers. Finished Services do not include Unbundled Network Elements or combinations of Unbundled Network Elements. Finished Services include voice messaging, Qwest-provided DSL, Access Services, private lines, retail services and resold services.

"Firm Order Confirmation" or "FOC" means the notice Qwest provides to CLEC to confirm that CLEC's Local Service Order (LSR) has been received and has been successfully processed. The FOC confirms the schedule of dates committed to by Qwest for the Provisioning of the service requested.

"Hub Provider" means an entity that (i) provides Common Channel Signaling (SS7) connectivity between the networks of service providers that are not directly connected to each other; or (ii) provides third party database services such as LIDB. The SS7 messages received by Hub Providers are accepted or rejected by the Hub Provider depending on whether a contractual arrangement exists between the Hub Provider and the message originator (sender) and whether the message originator has contracted for the type of SS7 messages being submitted for transmission to the Hub Provider.

"Individual Case Basis" or "ICB" shall have the meaning set forth in Exhibit I.

"Information Service" is the offering of a capability for generating, acquiring, storing, transforming, processing, retrieving, utilizing, or making available information via Telecommunications, and includes electronic publishing, but does not include any use of any such capability for the management, control, or operation of a Telecommunications system or the management of a Telecommunications Service.

"Integrated Digital Loop Carrier" means a subscriber loop carrier system, which integrates multiple voice channels within the Switch on a DS1 level signal.

"Integrated Services Digital Network" or "ISDN" refers to a digital circuit switched network service. Basic Rate ISDN (BRI) provides for channelized (2 bearer and 1 data) end-to-end digital connectivity for the transmission of voice or data on either or both bearer channels and packet data on the data channel. Primary Rate ISDN (PRI) provides for 23 bearer channels and 1 data channel. For BRI, the bearer channels operate at 64 Kbps and the data channel at 16 Kbps. For PRI, all 24 channels operate at 64 Kbps or 1.5 Mbps.

"Interconnection" is as described in the Act and refers to the connection between networks for the purpose of transmission and routing of telephone Exchange Service traffic, Exchange Access and Jointly Provided Switched Access traffic.

"Interconnection Agreement" or "Agreement" is an agreement entered into between Qwest and CLEC for Interconnection, Unbundled Network Elements or other services as a result of negotiations, adoption and/or arbitration or a combination thereof pursuant to Section 252 of the Act. When CLEC signs and delivers a copy of this Agreement to Qwest pursuant to the notice provision of the Agreement, it becomes the Interconnection Agreement between the Parties pursuant to Section 252(e) of the Act.

"Interexchange Carrier" or "IXC" means a Carrier that provides InterLATA or IntraLATA Toll services.

"InterLATA Traffic" describes Telecommunications between a point located in a Local Access and Transport Area ("LATA") and a point located outside such area.

"IntraLATA Toll Traffic" describes IntraLATA Traffic outside the Local Calling Area.

"Interoperability" means the ability of a Qwest OSS Function to process seamlessly (i.e., without any manual intervention) business transactions with CLEC's OSS application, and vice versa, by means of secure exchange of transaction data models that use data fields and usage rules that can be received and processed by the other Party to achieve the intended OSS Function and related response. (See also Electronic Bonding.)

"LERG Reassignment" or "NXX Reassignment" means the reassignment of an entire NXX code shown in the LERG from one Carrier to another Carrier.

"Line Information Database" or "LIDB" shall have the meaning as set forth in Section 9.15.1.1.

"Line Side" refers to End Office Switch connections that have been programmed to treat the circuit as a local line connected to a terminating station (e.g., an End User Customer's telephone station set, a PBX, answering machine, facsimile machine or computer).

"Local Access Transport Area" or "LATA" is as defined in the Act.

"Local Calling Area" is as defined by the Commission.

"Local Exchange Carrier" or "LEC" means any Carrier that is engaged in the provision of telephone Exchange Service or Exchange Access. Such term does not include a Carrier insofar as such Carrier is engaged in the provision of a commercial mobile service under Section 332(c) of the Act, except to the extent that the FCC finds that such service should be included in the definition of such term.

"Local Exchange Routing Guide" or "LERG" means a Telcordia Technologies Reference Document used by LECs and IXCs to identify NPA-NXX routing and homing information as well as Network Element and equipment designations.

"Local Interconnection Service or "LIS" Entrance Facility" is a DS1 or DS3 facility that extends from CLEC's Switch location or Point of Interconnection (POI) to the Qwest Serving Wire Center. An Entrance Facility may not extend beyond the area served by the Qwest Serving Wire Center.

"Local Interconnection Service" or "LIS" is the Qwest product name for its provision of Interconnection as described in Section 7 of this Agreement.

"Local Number Portability" or "LNP" shall have the meaning set forth in Section 10.2.1.1.

"Local Service Ordering Guide" or "LSOG" is a document developed by the OBF to establish industry-wide ordering and Billing processes for ordering local services.

"Local Service Request" or "LSR" means the industry standard forms and supporting documentation used for ordering local services.

"Location Routing Number" or "LRN" means a unique 10-digit number assigned to a Central Office Switch in a defined geographic area for call routing purposes. This 10-digit number serves as a network address and the routing information is stored in a database. Switches routing calls to subscribers whose telephone numbers are in portable NXXs perform a database query to obtain the Location Routing Number that corresponds with the Switch serving the dialed telephone number. Based on the Location Routing Number, the querying Carrier then routes the call to the Switch serving the ported number. The term "LRN" may also be used to refer to a method of LNP.

"Loop" or "Unbundled Loop" shall have the meaning set forth in Section 9.2.1.

"Loop Concentrator/Multiplexer" or "LCM" is the Network Element that does one or more of the following:

- aggregates lower bit rate or bandwidth signals to higher bit rate or bandwidth signals (multiplexing);

- disaggregates higher bit rate or bandwidth signals to lower bit rate or bandwidth signals (demultiplexing);

- aggregates a specified number of signals or channels to fewer channels (concentrating);

- performs signal conversion, including encoding of signals (e.g., analog to digital and digital to analog signal conversion); or

- in some instances performs electrical to optical (E/O) conversion.

LCM includes DLC, and D4 channel banks and may be located in Remote Terminals or Central Offices.

"Main Distribution Frame" or "MDF" means a Qwest distribution frame (e.g., COSMIC™ frame) used to connect Qwest cable pairs and line and trunk equipment terminals on a Qwest switching system.

"Maintenance and Repair" involves the exchange of information between Carriers where one initiates a request for maintenance or repair of existing products and services or Unbundled Network Elements or combinations thereof from the other with attendant acknowledgments and status reports in order to ensure proper operation and functionality of facilities.

"Maintenance of Service charge" is a charge that relates to trouble isolation. Maintenance of Service charges are set forth in Exhibit A. Basic Maintenance of Service charges apply when the Qwest technician performs work during standard business hours. Overtime Maintenance of Service charges apply when the Qwest technician performs work on a business day, but outside standard business hours, or on a Saturday. Premium Maintenance of Service charges apply when the Qwest technician performs work on either a Sunday or Qwest recognized holiday.

"Master Street Address Guide" or "MSAG" is a database of street names and house number ranges within their associated communities defining particular geographic areas and their associated ESNs to enable proper routing of 911 calls.

"Meet Point" is a point of Interconnection between two (2) networks, designated by two (2) Telecommunications Carriers, at which one Carrier's responsibility for service begins and the other Carrier's responsibility ends.

"Meet-Point Billing" or "MPB" or "Jointly Provided Switched Access" refers to an arrangement whereby two (2) LECs (including a LEC and CLEC) jointly provide Switched Access Service to an Interexchange Carrier, with each LEC (or CLEC) receiving an appropriate share of the revenues from the IXC as defined by their effective access Tariffs.

"Mid-Span Meet" means an Interconnection between two (2) networks, designated by two (2) Telecommunications Carriers, whereby each provides its own cable and equipment up to the Meet Point of the cable facilities.

"Miscellaneous Charges" mean cost-based charges that Qwest may assess in addition to recurring and nonrecurring rates set forth in Exhibit A, for activities CLEC requests Qwest to perform, activities CLEC authorizes, or charges that are a result of CLEC's actions, such as cancellation charges, additional labor and maintenance. Miscellaneous Charges are not already included in Qwest's recurring or nonrecurring rates. Miscellaneous Charges are listed in Exhibit A.

"Multiple Exchange Carrier Access Billing" or "MECAB" refers to the document prepared by the Billing Committee of the Ordering and Billing Forum (OBF), which functions under the auspices of the Carrier Liaison Committee (CLC) of the Alliance for Telecommunications Industry Solutions (ATIS). The MECAB document, published by Telcordia Technologies as Special Report SR-BDS-000983, contains the recommended guidelines for the Billing of an access service provided by two (2) or more LECs (including a LEC and a CLEC), or by one (1) LEC in two (2) or more states within a single LATA.

"Multiple Exchange Carrier Ordering and Design" or "MECOD" Guidelines for Access Services - Industry Support Interface, refers to the document developed by the Ordering/Provisioning Committee under the auspices of the Ordering and Billing Forum (OBF), which functions under the auspices of the Carrier Liaison Committee (CLC) of the Alliance for Telecommunications Industry Solutions (ATIS). The MECOD document, published by Telcordia Technologies as Special Report SR STS-002643, establishes recommended guidelines for processing orders for access service which is to be provided by two (2) or more LECs (including a LEC and a CLEC). It is published by Telcordia Technologies as SRBDS 00983.

"N-1 Carrier" means the Carrier in the call routing process immediately preceding the terminating Carrier. The N-1 Carrier is responsible for performing the database queries (under the FCC's rules) to determine the LRN value for correctly routing a call to a ported number.

"National Emergency Number Association" or "NENA" is an association which fosters the technological advancement, availability and implementation of 911 Service nationwide through research, planning, training, certification, technical assistance and legislative representation.

"Near Real Time" means that Qwest's OSS electronically receives a transaction from CLEC, automatically processes that transaction, returns the response to that transaction to CLEC in an automatic event driven manner (without manual intervention) via the interface for the OSS function in question. Except for the time it takes to send and receive the transaction between Qwest's and CLEC's OSS application, the processing time for Qwest's representatives should be the same as the processing time for CLEC's representatives. Current benchmarks using TCIF 98-006 averages between two (2) and four (4) seconds for the connection and an average transaction transmittal. The specific agreed metrics for Near Real Time transaction processing will be contained in the Performance Indicator Definitions (PIDs), where applicable.

"Network Element" is a facility or equipment used in the provision of Telecommunications Service. It also includes features, functions, and capabilities that are provided by means of such facility or equipment, including subscriber numbers, databases, signaling systems, and information sufficient for Billing and collection or used in the transmission, routing, or other provision of a Telecommunications Service.

"Network Installation and Maintenance Committee" or "NIMC" is the ATIS/CLC sub-committee responsible for developing business process rules for Maintenance and Repair or trouble administration.

"Network Interface Device" or "NID" is a Network Element (including all of its features, functions and capabilities) that includes any means of Interconnection of End User Customer premises wiring to Qwest's distribution plant, such as a cross connect device used for that purpose.

"New Service Provider" means the Party to which an End User Customer switches its local exchange service or the Party to which an End User Customer is porting its telephone number(s).

"911 Service" shall have the meaning set forth in Section 10.3.1.

"911/E911 Interconnection Trunk Groups" shall have the meaning set forth in Section 10.3.7.

"North American Numbering Council" or "NANC" means the federal advisory committee chartered by the FCC to analyze, advise, and make recommendations on numbering issues.

"North American Numbering Plan" or "NANP" means the basic numbering plan for the Telecommunications networks located in the United States as well as Canada, Bermuda, Puerto Rico, Guam, the Commonwealth of the Marianna Islands and certain Caribbean Islands. The NANP format is a 10-digit number that consists of a 3-digit NPA code (commonly referred to as the area code) followed by a 3-digit NXX code and 4-digit line number.

"Number Portability Administration Center" or "NPAC" means one (1) of the seven (7) regional number portability centers involved in the dissemination of data associated with ported numbers. The NPACs were established for each of the seven (7) original Bell Operating Company regions so as to cover the fifty (50) states, the District of Columbia and the U.S. territories in the North American Numbering Plan area.

"Numbering Plan Area" or "NPA" is also sometimes referred to as an area code. It is a unique three-digit indicator that is defined by the "A," "B" and "C" digits of each 10-digit telephone number within the NANP. Each NPA contains 800 possible NXX Codes. There are two (2) general categories of NPA. "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, Toll Free Service NPAs, 700, and 900 are examples of Non-Geographic NPAs.

"NXX," "NXX Code," "Central Office Code," or "CO Code" is the three-digit Switch entity code which is defined by the "D," "E" and "F" digits of a 10-digit telephone number within the NANP.

"Operational Support Systems" or "OSS" shall have the meaning set forth in Section 12.

"Ordering and Billing Forum" or "OBF" means the telecommunications industry forum, under the auspices of the Carrier Liaison Committee of the Alliance for Telecommunications Industry Solutions, concerned with inter-company ordering and Billing.

"Originating Line Information Parameter" or "OLIP" is a CCS SS7 signaling parameter that identifies the line class of service, i.e., originating screening and routing translation.

"P.01 Transmission Grade of Service" means a circuit switched 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.

"Packet Switch" is a router designed to read the destination address in an incoming cell or packet, consult a routing table and route the packet toward its destination. Packetizing is done in originating CPE and reassembly is done in terminating CPE. Multiple packet formats or protocols exist (e.g., x.25, x.75, frame relay, ATM, and IP).

"Parity" means the provision of non-discriminatory access to Interconnection, Resale, Unbundled Network Elements and other services provided under this Agreement to the extent legally required on rates, terms and conditions that are non-discriminatory, just and reasonable. Where Technically Feasible, the access provided by Qwest will be provided in "substantially the same time and manner" to that which Qwest provides to itself, its End User Customers, its Affiliates or to any other party.

"Party" means either Qwest or CLEC and "Parties" means Qwest and CLEC.

"Percent Local Usage" or "PLU" is a calculation which represents the ratio of the local minutes to the sum of local and IntraLATA Toll minutes sent between the Parties over Local Interconnection trunks. Directory Assistance Services, CMRS traffic, transiting calls from other LECs and Switched Access Services are not included in the calculation of PLU.

"Performance Indicator Definitions" or "PIDs" shall have the meaning set forth in Exhibit B.

"Person" is a general term meaning an individual or association, corporation, firm, joint-stock company, organization, partnership, trust or any other form or kind of entity.

"Physical Collocation" shall have the meaning set forth in Section 8.1.1.

"Plant Test Date" or "PTD" means the date acceptance testing is performed with CLEC.

"Point of Interface", "Point of Interconnection," or "POI" is a demarcation between the networks of two (2) LECs (including a LEC and CLEC). The POI is that point where the exchange of traffic takes place.

"Point of Presence" or "POP" means the Point of Presence of an IXC.

"Pole Attachment" shall have the meaning set forth in Section 10.8.1.

"Port" means a line or trunk connection point, including a line card and associated peripheral equipment, on a Central Office Switch but does not include Switch features. The Port serves as the hardware termination for line or Trunk Side facilities connected to the Central Office Switch. Each Line Side Port is typically associated with one or more telephone numbers that serve as the Customer's network address.

"POTS" means plain old telephone service.

"Power Spectral Density (PSD) Masks" are graphical templates that define the limits on signal power densities across a range of frequencies to permit divergent technologies to coexist in close proximity within the same Binder Groups.



"Premises" refers to Qwest's Central Offices and Serving Wire Centers; all buildings or similar structures owned, leased, or otherwise controlled by Qwest that house its network facilities; all structures that house Qwest facilities on public rights-of-way, including but not limited to vaults containing Loop Concentrators or similar structures; and all land owned, leased, or otherwise controlled by Qwest that is adjacent to these Central Offices, Wire Centers, buildings and structures.

"Product Catalog" or "PCAT" is a Qwest document that provides information needed to request services available under this Agreement. Qwest agrees that CLEC shall not be held to the requirements of the PCAT. The PCAT is available on Qwest's Web site:

<http://www.qwest.com/wholesale/pcat/>

"Project Coordinated Installation" allows CLEC to coordinate installation activity as prescribed in section 9.2.2.9.7, including out of hours coordination.

"Proof of Authorization" or "POA" shall consist of verification of the End User Customer's selection and authorization adequate to document the End User Customer's selection of its local service provider.

"Proprietary Information" shall have the same meaning as Confidential Information.

"Provisioning" involves the exchange of information between Telecommunications Carriers where one executes a request for a set of products and services or Unbundled Network Elements or combinations thereof from the other with attendant acknowledgments and status reports.

"Pseudo Automatic Number Identification" or "Pseudo-ANI" is a number, consisting of the same number of digits as ANI, that is not a NANP telephone directory number and may be used in place of an ANI to convey special meaning, determined by agreements, as necessary, between the system originating the call, intermediate systems handling and routing the call, and the destination system.

"Public Safety Answering Point" or "PSAP" is the public safety communications center where 911/E911 calls for a specific geographic area are answered.

"Public Switched Network" includes all Switches and transmission facilities, whether by wire or radio, provided by any Common Carrier including LECs, IXCs and CMRS providers that use the NANP in connection with the provision of switched services.

"Rate Center" identifies 1) the specific geographic point identified by specific vertical and horizontal (V&H) coordinates, which are used to measure distance sensitive End User Customer traffic to/from the particular NPA-NXX designations with the specific Rate Center, and 2) the corresponding geographic area which is associated with one or more particular NPA-NXX codes which have been assigned to a LEC for its provision of Telephone Exchange Service.

"Ready for Service" or "RFS" – A Collocation job is considered to be Ready for Service when Qwest has completed all operational work in accordance with CLEC Application and makes functional space available to CLEC. Such work includes, but is not necessarily limited to: DC power (fuses available, Battery Distribution Fuse Board (BDFB) is powered, and cables between CLEC and power are terminated), cage enclosures, primary AC outlet, cable racking,

and circuit terminations (e.g., fiber jumpers are placed between the outside plant fiber distribution panel and the Central Office fiber distribution panel serving CLEC) and APOT/CFA are complete, telephone service, and other services and facilities ordered by CLEC for Provisioning by the RFS date.

"Records Issue Date" or "RID" means the date that all design and assignment information is sent to the necessary service implementation groups.

"Remote Premises" means all Qwest Premises, other than Qwest Wire Centers or adjacent to Qwest Wire Centers. Such Remote Premises include controlled environmental vaults, controlled environmental huts, cabinets, pedestals and other Remote Terminals.

"Remote Terminal" or "RT" means a cabinet, vault or similar structure at an intermediate point between the End User Customer and Qwest's Central Office, where Loops are aggregated and hauled to the Central Office or Serving Wire Center using LCM. A Remote Terminal may contain active electronics such as digital loop carriers, fiber hubs, DSLAMs, etc.

"Reseller" is a category of CLECs who purchase the use of Finished Services for the purpose of reselling those Telecommunications Services to their End User Customers.

"Reserved Numbers" means those telephone numbers which are not in use but which are held in reserve by a Carrier under a legally enforceable written agreement for a specific End User Customer's future use.

"Scheduled Issued Date" or "SID" means the date the order is entered into Qwest's order distribution system.

"Selective Router" means the equipment necessary for Selective Routing.

"Selective Routing" is the automatic routing of 911/E911 calls to the PSAP that has jurisdictional responsibility for the service address of the caller, irrespective of telephone company exchange or Wire Center boundaries. Selective Routing may also be used for other services.

"Service Date" or "SD" means the date service is made available to the End User Customer. This also is referred to as the "Due Date."

"Service Provider Identification" or "SPID" is the number that identifies a service provider to the relevant NPAC. The SPID may be a state specific number.

"Serving Wire Center" denotes the Wire Center from which dial tone for Local Exchange Service would normally be provided to a particular Customer premises.

"Signaling System 7" or "SS7" is an out-of-band signaling protocol consisting of four basic sub-protocols:

- 1) Message Transfer Part (MTP), which provides functions for basic routing of signaling messages between signaling points;
- 2) Signaling Connection Control Part (SCCP), which provides additional routing and management functions for transfer of messages other than call setup between signaling points;

- 3) Integrated Services Digital Network User Part (ISUP), which provides for transfer of call setup signaling information between signaling points; and
- 4) Transaction Capabilities Application Part (TCAP), which provides for transfer of non-circuit related information between signaling points.

"Signaling Transfer Point" or "STP" means a Packet Switch that performs message routing functions and provides information for the routing of messages between signaling end points, including SSPs, SCPs, Signaling Points (SPs) and other STPs in order to set up calls and to query call-related databases. An STP transmits, receives and processes Common channel Signaling (CCS) messages.

"Special Request Process" or "SRP" shall have the meaning set forth in Exhibit F.

"Spectrum Compatibility" means the capability of two (2) copper loop transmission system technologies to coexist in the same cable without service degradation and to operate satisfactorily in the presence of cross talk noise from each other. Spectrum compatibility is defined on a per twisted pair basis for specific well-defined transmission systems. For the purposes of issues regarding Spectrum Compatibility, service degradation means the failure to meet the Bit Error Ratio (BER) and Signal-to-Noise Ratio (SNR) margin requirements defined for the specific transmission system for all Loop lengths, model Loops, or loss values within the requirements for the specific transmission system.

"Splitter" means a device used in conjunction with a DSLAM either to combine or separate the high (DSL) and low (voice) frequency spectrums of the Loop in order to provide both voice and data over a single Loop.

"Stand-Alone Test Environment" or "SATE" shall have the meaning set forth in Section 12.2.9.3.2.

"Subloop" shall have the meaning set forth in Section 9.3.1.1.

"Suspended Lines" means subscriber lines that have been temporarily disconnected.

"Switch" means a switching device employed by a Carrier within the Public Switched Network. Switch includes but is not limited to End Office Switches, Tandem Switches, Access Tandem Switches, Remote Switching Modules, and Packet Switches. Switches may be employed as a combination of End Office/Tandem Switches.

"Switched Access Service" means the offering of transmission and switching services to Interexchange Carriers for the purpose of the origination or termination of telephone toll service. Switched Access Services include: Feature Group A, Feature Group B, Feature Group D, 8XX access, and 900 access and their successors or similar Switched Access Services.

"Switched Access Traffic," as specifically defined in Qwest's interstate Switched Access Tariffs, is traffic that originates at one of the Party's End User Customers and terminates at an IXC Point of Presence, or originates at an IXC Point of Presence and terminates at one of the Party's End User Customers, whether or not the traffic transits the other Party's network.

"Synchronous Optical Network" or "SONET" is a TDM-based (time division multiplexing) standard for high-speed fiber optic transmission formulated by the Exchange Carriers Standards Association (ECSA) for the American National Standards Institute ("ANSI").

"Tariff" as used throughout this Agreement refers to Qwest interstate Tariffs and state Tariffs, price lists, and price schedules.

"Technically Feasible" Interconnection, access to Unbundled Network Elements, Collocation, and other methods of achieving Interconnection or access to Unbundled Network Elements at a point in the network shall be deemed Technically Feasible absent technical or operational concerns that prevent the fulfillment of a request by a Telecommunications Carrier for such Interconnection, access, or methods. A determination of technical feasibility does not include consideration of economic, accounting, Billing, space, or site concerns, except that space and site concerns may be considered in circumstances where there is no possibility of expanding the space available. The fact that an incumbent LEC must modify its facilities or equipment to respond to such request does not determine whether satisfying such request is Technically Feasible. An incumbent LEC that claims that it cannot satisfy such request because of adverse network reliability impacts must prove to the Commission by clear and convincing evidence that such Interconnection, access, or methods would result in specific and significant adverse network reliability impacts.

"Telecommunications" means the transmission, between or among points specified by the user, of information of the user's choosing, without change in the form or content of the information as sent and received.

"Telecommunications Carrier" means any provider of Telecommunications Services, except that such term does not include aggregators of Telecommunications Services (as defined in Section 226 of the Act). A Telecommunications Carrier shall be treated as a Common Carrier under the Act only to the extent that it is engaged in providing Telecommunications Services, except that the Federal Communications Commission shall determine whether the provision of fixed and mobile satellite service shall be treated as common carriage.

"Telecommunications Equipment" means equipment, other than Customer Premises Equipment, used by a Carrier to provide Telecommunications Services, and include software integral to such equipment, including upgrades.

"Telecommunications Services" means the offering of Telecommunications for a fee directly to the public, or to such classes of users as to be effectively available directly to the public, regardless of the facilities used.

"Telephone Exchange Service" means a service within a telephone exchange, or within a connected system of telephone exchanges within the same exchange area operated to furnish to End User Customers intercommunicating service of the character ordinarily furnished by a single exchange, and which is covered by the exchange service charge, or comparable service provided through a system of Switches, transmission equipment or other facilities (or combinations thereof) by which a subscriber can originate and terminate a Telecommunications Service.

"TELRIC" means Total Element Long-Run Incremental Cost.

"Toll Free Service" means service provided with any dialing sequence that invokes Toll Free, i.e., 800-like, service processing. Toll Free Service currently includes calls to the Toll Free Service 800/888/877/866 NPA SAC codes.

"Transaction Set" is a term used by ANSI X12 and elsewhere that denotes a collection of data, related field rules, format, structure, syntax, attributes, segments, elements, qualifiers, valid values that are required to initiate and process a business function from one trading partner to another. Some business function events, e.g., pre-order inquiry and response are defined as complimentary Transaction Sets. An example of a Transaction Set is service address validation inquiry and service address validation response.

"Trunk Side" refers to Switch connections that have been programmed to treat the circuit as connected to another switching entity.

"Unbundled Network Element" ("UNE") is a Network Element that has been defined by the FCC as a Network Element to which Qwest is obligated under Section 251(c)(3) of the Act to provide unbundled access or for which unbundled access is provided under this Agreement. Unbundled Network Elements do not include those Network Elements Qwest is obligated to provide only pursuant to Section 271 of the Act.

"UNE Combination" means a combination of two (2) or more Unbundled Network Elements that were or were not previously combined or connected in Qwest's network, as required by the FCC, the Commission or this Agreement.

"Virtual Collocation" shall have the meaning set forth in Sections 8.1.1.1 and 8.2.2.1.

"Voluntary Federal Subscriber Financial Assistance Programs" are Telecommunications Services provided to low-income subscribers, pursuant to requirements established by the Commission or the FCC.

"Waste" means all hazardous and non-hazardous substances and materials which are intended to be discarded, scrapped or recycled, associated with activities CLEC or Qwest or their respective contractors or agents perform at Work Locations. It shall be presumed that all substances or materials associated with such activities, that are not in use or incorporated into structures (including without limitation damaged components or tools, leftovers, containers, garbage, scrap, residues or by products), except for substances and materials that CLEC, Qwest or their respective contractors or agents intend to use in their original form in connection with similar activities, are Waste. Waste shall not include substances, materials or components incorporated into structures (such as cable routes) even after such components or structure are no longer in current use.

"Wire Center" denotes a building or space within a building that serves as an aggregation point on a given Carrier's network, where transmission facilities are connected or switched. Wire Center can also denote a building where one or more Central Offices, used for the provision of Basic Exchange Telecommunications Services and Access Services, are located.

"Wired and Office Tested Date" or "WOT" means the date by which all intraoffice wiring is completed, all plug-ins optioned and aligned, frame continuity established, and the interoffice facilities, if applicable, are tested. This includes the date that switching equipment, including translation loading, is installed and tested.

"Work Locations" means any real estate that CLEC or Qwest, as appropriate, owns, leases or licenses, or in which it holds easements or other rights to use, or does use, in connection with this Agreement.

Terms not otherwise defined here but defined in the Act and the orders and the rules implementing the Act, shall have the meaning defined there. The definition of terms that are included here and are also defined in the Act, or its implementing orders or rules, are intended to include the definition as set forth in the Act and the rules implementing the Act.

## Section 5.0 - TERMS AND CONDITIONS

### 5.1 General Provisions

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5.1.2 The Parties are each solely responsible for participation in and compliance with national network plans, including the National Network Security Plan and the Emergency Preparedness Plan.

5.1.3 Neither Party shall use any service related to or use any of the services provided in this Agreement in any manner that interferes with other Persons in the use of their service, prevents other Persons from using their service, or otherwise impairs the quality of service to other Carriers or to either Party's End User Customers. In addition, neither Party's provision of or use of services shall interfere with the services related to or provided under this Agreement.

5.1.3.1 If such impairment is material and poses an immediate threat to the safety of either Party's employees, Customers or the public or poses an immediate threat of a service interruption, that Party shall provide immediate notice by email to the other Party's designated representative(s) for the purposes of receiving such notification. Such notice shall include 1) identification of the impairment (including the basis for identifying the other Party's facilities as the cause of the impairment), 2) date and location of the impairment, and 3) the proposed remedy for such impairment for any affected service. Either Party may discontinue the specific service that violates the provision or refuse to provide the same type of service if it reasonably appears that the particular service would cause similar harm, until the violation of this provision has been corrected to the reasonable satisfaction of that Party and the service shall be reinstated as soon as reasonably possible. The Parties shall work cooperatively and in good faith to resolve their differences. In the event either Party disputes any action that the other Party seeks to take or has taken pursuant to this provision, that Party may pursue immediate resolution by expedited or other Dispute Resolution.

5.1.3.2 If the impairment is service impacting but does not meet the parameters set forth in Section 5.1.3.1, such as low level noise or other interference, the other Party shall provide written notice within five (5) calendar Days of such impairment to the other Party and such notice shall include the information set forth in subsection 5.1.3.1. The Parties shall work cooperatively and in good faith to resolve their differences. If the impairment has not been corrected or cannot be corrected within five (5) business days of receipt of the notice of non-compliance, the other Party may pursue immediate resolution by expedited or other Dispute Resolution.

5.1.3.3 If either Party causes non-service impacting impairment the other Party shall provide written notice within fifteen (15) calendar Days of the impairment to the other Party and such notice shall include the information set forth in subsection 5.1.3.1. The Parties shall work cooperatively and in good faith to resolve their differences. If either Party fails to correct any such impairment within fifteen (15) calendar Days of written notice, or if such non-compliance cannot be corrected within fifteen (15) calendar Days of written notice of non-compliance, and if the impairing Party fails to take all appropriate steps to correct as soon as reasonably possible, the other Party may pursue immediate resolution by expedited or other Dispute Resolution.

5.1.3.4 It is the responsibility of either Party to inform its End User Customers of service impacting impairment that may result in discontinuance of service as soon as the Party receives notice of same.

5.1.4 Each Party is solely responsible for the services it provides to its End User Customers and to other Telecommunications Carriers. This provision is not intended to limit the liability of either Party for its failure to perform under this Agreement.

5.1.5 The Parties shall work cooperatively to minimize fraud associated with third-number billed calls, calling card calls, and any other services related to this Agreement.

5.1.6 Nothing in this Agreement shall prevent either Party from seeking to recover the costs and expenses, if any, it may incur in (a) complying with and implementing its obligations under this Agreement, the Act, and the rules, regulations and orders of the FCC and the Commission, and (b) the development, modification, technical installation and maintenance of any systems or other infrastructure which it requires to comply with and to continue complying with its responsibilities and obligations under this Agreement. Notwithstanding the foregoing, Qwest shall not assess any charges against CLEC for services, facilities, Unbundled Network Elements, ancillary services and other related work or services covered by this Agreement, unless the charges are expressly provided for in this Agreement. All services and capabilities currently provided hereunder (including resold Telecommunications Services, Unbundled Network Elements, UNE Combinations and ancillary services) and all new and additional services or Unbundled Network Elements to be provided hereunder, shall be priced in accordance with all applicable provisions of the Act and the rules and orders of the Federal Communications Commission and orders of the Commission.

## **5.2 Term of Agreement**

5.2.1 This Agreement shall become effective on the date of Commission Approval ("Effective Date"). This Agreement shall be binding upon the Parties for a term of three (3) years and shall expire three (3) years from the Effective Date.

5.2.2 Upon expiration of the term of this Agreement, this Agreement shall continue in full force and effect until superseded by a successor agreement in accordance with this Section 5.2.2. Any Party may request negotiation of a successor agreement by written notice to the other Party no earlier than one hundred sixty (160) Days prior to the expiration of the term, or the Agreement shall renew on a month to month basis. The date of this notice will be the starting point for the negotiation window under Section 252 of the Act. This Agreement will terminate on the date a successor agreement is approved by the Commission.

5.2.2.1 Prior to the conclusion of the term specified above, CLEC may obtain Interconnection services under the terms and conditions of a then-existing SGAT or agreement to become effective at the conclusion of the term or prior to the conclusion of the term if CLEC so chooses.

## **5.3 Proof of Authorization**

5.3.1 Each Party shall be responsible for obtaining and maintaining Proof of Authorization (POA) as required by applicable federal and state law, as amended from time to time.



5.3.2 The Parties shall make POAs available to each other upon request in the event of an allegation of an unauthorized change in accordance with all Applicable Laws and rules and shall be subject to any penalties contained therein.

## 5.4 Payment

5.4.1 Amounts payable under this Agreement are due and payable within thirty (30) calendar Days after the date of invoice, or within twenty (20) calendar Days after receipt of the invoice, whichever is later (payment due date). If the payment due date is not a business day, the payment shall be due the next business day.

5.4.4 Should CLEC or Qwest dispute, in good faith, any portion of the nonrecurring charges or monthly Billing under this Agreement, the Parties will notify each other in writing within fifteen (15) calendar Days following the payment due date identifying the amount, reason and rationale of such dispute. At a minimum, CLEC and Qwest shall pay all undisputed amounts due. Both CLEC and Qwest agree to expedite the investigation of any disputed amounts, promptly provide all documentation regarding the amount disputed that is reasonably requested by the other Party, and work in good faith in an effort to resolve and settle the dispute through informal means prior to initiating any other rights or remedies.

5.4.4.1 If a Party disputes charges and does not pay such charges by the payment due date, such charges may be subject to late payment charges. If the disputed charges have been withheld and the dispute is resolved in favor of the Billing Party, the withholding Party shall pay the disputed amount and applicable late payment charges no later than the second Bill Date following the resolution. If the disputed charges have been withheld and the dispute is resolved in favor of the disputing Party, the Billing Party shall credit the bill of the disputing Party for the amount of the disputed charges and any late payment charges that have been assessed no later than the second Bill Date after the resolution of the dispute. If a Party pays the disputed charges and the dispute is resolved in favor of the Billing Party, no further action is required.

5.4.4.2 If a Party pays the charges disputed at the time of payment or at any time thereafter pursuant to Section 5.4.4.3, and the dispute is resolved in favor of the disputing Party the Billing Party shall, no later than the second Bill Date after the resolution of the dispute: (1) credit the disputing Party's bill for the disputed amount and any associated interest or (2) pay the remaining amount to CLEC, if the disputed amount is greater than the bill to be credited. The interest calculated on the disputed amounts will be the same rate as late payment charges. In no event, however, shall any late payment charges be assessed on any previously assessed late payment charges.

5.4.4.3 If a Party fails to dispute a charge and discovers an error on a bill it has paid after the period set forth in Section 5.4.4, the Party may dispute the bill at a later time through an informal process, through an Audit pursuant to the Audit provision of this Agreement, through the Dispute Resolution provision of this Agreement, or applicable state statutes or Commission rules.

5.4.5 Each Party will determine the other Party's credit status based on previous payment history. If a Party has not established satisfactory credit with the other Party according to the above provisions or the Party is repeatedly delinquent in making its payments, or the Party is being reconnected after a disconnection of service or discontinuance of the processing of orders by the Billing Party due to a previous nonpayment situation, the Billing Party may

require a deposit to be held as security for the payment of charges before the orders from the billed Party will be provisioned and completed or before reconnection of service. "Repeatedly delinquent" means any payment received thirty (30) calendar Days or more after the payment due date, three (3) or more times during a twelve (12) month period. The deposit may not exceed the estimated total monthly charges for an average two (2) month period within the 1<sup>st</sup> three (3) months for all services. The deposit may be a surety bond if allowed by the applicable Commission regulations, a letter of credit with terms and conditions acceptable to the Billing Party, or some other form of mutually acceptable security such as a cash deposit. Required deposits are due and payable within thirty (30) calendar Days after demand.

5.4.6 Interest will be paid on cash deposits at the rate applying to deposits under applicable Commission regulations. Cash deposits and accrued interest will be credited to the billed Party's account or refunded, as appropriate, upon the earlier of the expiration of the term of the Agreement or the establishment of satisfactory credit with the Billing Party, which will generally be one full year of timely payments of undisputed amounts in full by the billed Party. Upon a material change in financial standing, the billed Party may request and the Billing Party will consider a recalculation of the deposit. The fact that a deposit has been made does not relieve CLEC from any requirements of this Agreement.

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5.4.8 The late payment charge for amounts that are billed under this Agreement shall be in accordance with Commission requirements.

5.4.9 Each Party shall be responsible for notifying its End User Customers of any pending disconnection of a non-paid service by the billed Party, if necessary, to allow those End User Customers to make other arrangements for such non-paid services.

## **5.5 Taxes**

5.5.1 Any federal, state, or local sales, use, excise, gross receipts, transaction or similar taxes, fees or surcharges resulting from the performance of this Agreement shall be borne by the Party upon which the obligation for payment is imposed under Applicable Law, even if the obligation to collect and remit such taxes is placed upon the other Party. However, where the selling Party is permitted by law to collect such taxes, fees or surcharges, from the purchasing Party, such taxes, fees or surcharges shall be borne by the Party purchasing the services. Each Party is responsible for any tax on its corporate existence, status or income. Whenever possible, these amounts shall be billed as a separate item on the invoice. To the extent a sale is claimed to be for resale tax exemption, the purchasing Party shall furnish the providing Party a proper resale tax exemption certificate as authorized or required by statute or regulation by the jurisdiction providing said resale tax exemption. Until such time as a resale tax exemption certificate is provided, no exemptions will be applied. If either Party (the Contesting Party) contests the application of any tax collected by the other Party (the Collecting Party), the Collecting Party shall reasonably cooperate in good faith with the Contesting Party's challenge, provided that the Contesting Party pays any costs incurred by the Collecting Party. The Contesting Party is entitled to the benefit of any refund or recovery resulting from the contest, provided that the Contesting Party is liable for and has paid the tax contested.

## 5.6 Insurance

5.6.1 Each Party shall at all times during the term of this Agreement, at its own cost and expense, carry and maintain the insurance coverage listed below with insurers having a "Best's" rating of A-VII with respect to liability arising from that Party's operations for which that Party has assumed legal responsibility in this Agreement.

5.6.1.1 Workers' Compensation, if applicable, with statutory limits as required in the state of operation and Employers' Liability insurance with limits of not less than \$100,000 each accident.

5.6.1.2 Commercial General Liability insurance covering claims for bodily injury, death, personal injury or property damage occurring or arising out of the use or occupancy of the premises, including coverage for independent contractor's protection (required if any work will be subcontracted), premises-operations, products and/or completed operations and contractual liability with respect to the liability assumed by each Party hereunder. The limits of insurance shall not be less than \$1,000,000 each occurrence and \$2,000,000 general aggregate limit.

5.6.1.3 CLEC does not operate any motor vehicle in the course of its business; however, if and when it does, CLEC will obtain business automobile liability insurance covering the ownership, operation and maintenance of all owned, non-owned and hired motor vehicles with limits of not less than \$1,000,000 per occurrence for bodily injury and property damage.

5.6.1.4 Umbrella/Excess Liability insurance in an amount of \$1,000,000 excess of Commercial General Liability insurance specified above. These limits may be obtained through any combination of primary and excess or umbrella liability insurance so long as the total limit is \$2,000,000. Notwithstanding the above provisions of this Section 5.6.1.4, in the event CLEC requests and obtains any type of Collocation other than Interconnection Distribution Frame (ICDF) Collocation, CLEC shall carry and maintain Umbrella/Excess Liability insurance in an amount of \$10,000,000 excess of Commercial General Liability insurance specified in Section 5.6.1.2 above and may be obtained through any combination of primary and excess or umbrella liability insurance so long as the total limit is \$11,000,000.

5.6.1.5 "All Risk" Property coverage on a full replacement cost basis insuring all of CLEC personal property situated on or within the Premises or Remote Premises.

5.6.2 Each Party will provide certificate(s) of insurance evidencing coverage upon request. Such certificates shall (1) name the other Party as an additional insured under commercial general liability coverage; (2) provide thirty (30) calendar Days prior written notice of cancellation of, material change or exclusions in the policy(s) to which certificate(s) relate; (3) indicate that coverage is primary and not excess of, or contributory with, any other valid and collectible insurance purchased by the other Party; and (4) acknowledge severability of interest/cross liability coverage.

## 5.7 Force Majeure

5.7.1 Neither Party shall be 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 including,

without limitation, acts of nature, acts of civil or military authority, government regulations, embargoes, epidemics, terrorist acts, riots, insurrections, fires, explosions, earthquakes, nuclear accidents, floods, work stoppages, power blackouts, volcanic action, other major environmental disturbances, or unusually severe weather conditions (collectively, a Force Majeure Event). Inability to secure products or services of other Persons or transportation facilities or acts or omissions of transportation carriers shall be considered Force Majeure Events to the extent any delay or failure in performance caused by these circumstances is beyond the Party's control and without that Party's fault or negligence. The Party affected by a Force Majeure Event shall give prompt notice to the other Party, shall be excused from performance of its obligations hereunder on a day to day basis to the extent those obligations are prevented by the Force Majeure Event, and shall use reasonable efforts to remove or mitigate the Force Majeure Event. In the event of a labor dispute or strike the Parties agree to provide service to each other at a level equivalent to the level they provide themselves.

## **5.8 Limitation of Liability**

5.8.1 Each Party's liability to the other Party for any loss relating to or arising out of any act or omission in its performance under this Agreement, whether in contract, warranty, strict liability, or tort, including (without limitation) negligence of any kind, shall be limited to the total amount that is or would have been charged to the other Party by such breaching Party for the service(s) or function(s) not performed or improperly performed. Each Party's liability to the other Party for any other losses shall be limited to the total amounts charged to CLEC under this Agreement during the contract year in which the cause accrues or arises. Payments pursuant to the QPAP shall not be counted against the limit provided for in this Section.

5.8.2 Neither Party shall be liable to the other for indirect, incidental, consequential, or special damages, including (without limitation) damages for lost profits, lost revenues, lost savings suffered by the other Party regardless of the form of action, whether in contract, warranty, strict liability, tort, including (without limitation) negligence of any kind and regardless of whether the Parties know the possibility that such damages could result. If the Parties enter into a Performance Assurance Plan under this Agreement, nothing in this Section 5.8.2 shall limit amounts due and owing under any Performance Assurance Plan or any penalties associated with Docket No. UT-991358.

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5.8.4 Intentionally Left Blank

5.8.5 Nothing contained in this Section 5.8 shall limit either Party's obligations of indemnification specified in this Agreement, nor shall this Section 5.8 limit a Party's liability for failing to make any payment due under this Agreement.

5.8.6 Intentionally Left Blank.

## **5.9 Indemnity**

5.9.1 The Parties agree that unless otherwise specifically set forth in this Agreement the following constitute the sole indemnification obligations between and among the Parties:

5.9.1.1 Each of the Parties agrees to release, indemnify, defend and hold harmless the other Party and each of its officers, directors, employees and agents (each

an Indemnitee) from and against and in respect of any loss, debt, liability, damage, obligation, claim, demand, judgment or settlement of any nature or kind, known or unknown, liquidated or unliquidated including, but not limited to, reasonable costs and expenses (including attorneys' fees), whether suffered, made, instituted, or asserted by any Person or entity, for invasion of privacy, bodily injury or death of any Person or Persons, or for loss, damage to, or destruction of tangible property, whether or not owned by others, resulting from the Indemnifying Party's breach of or failure to perform under this Agreement, regardless of the form of action, whether in contract, warranty, strict liability, or tort including (without limitation) negligence of any kind.

5.9.1.3 Reserved for Future Use.

5.9.1.4 For purposes of Section 5.9.1.2, where the Parties have agreed to provision line sharing using a Splitter: "End User Customer" means the DSL provider's End User Customer for claims relating to DSL and the voice service provider's End User Customer for claims relating to voice service.

5.9.2 The indemnification provided herein shall be conditioned upon:

5.9.2.1 The Indemnified Party shall promptly notify the Indemnifying Party of any action taken against the Indemnified Party relating to the indemnification. Failure to so notify the Indemnifying Party shall not relieve the Indemnifying Party of any liability that the Indemnifying Party might have, except to the extent that such failure prejudices the Indemnifying Party's ability to defend such claim.

5.9.2.2 If the Indemnifying Party wishes to defend against such action, it shall give written notice to the Indemnified Party of acceptance of the defense of such action. In such event, the Indemnifying Party shall have sole authority to defend any such action, including the selection of legal counsel, and the Indemnified Party may engage separate legal counsel only at its sole cost and expense. In the event that the Indemnifying Party does not accept the defense of the action, the Indemnified Party shall have the right to employ counsel for such defense at the expense of the Indemnifying Party. Each Party agrees to cooperate with the other Party in the defense of any such action and the relevant records of each Party shall be available to the other Party with respect to any such defense.

5.9.2.3 In no event shall the Indemnifying Party settle or consent to any judgment pertaining to any such action without the prior written consent of the Indemnified Party. In the event the Indemnified Party withholds consent, the Indemnified Party may, at its cost, take over such defense, provided that, in such event, the Indemnifying Party shall not be responsible for, nor shall it be obligated to indemnify the relevant Indemnified Party against, any cost or liability in excess of such refused compromise or settlement.

## 5.10 Intellectual Property

5.10.1 Except for a license to use any facilities or equipment (including software) solely for the purposes of this Agreement or to receive any service solely (a) as provided in this Agreement or (b) as specifically required by the then-applicable federal and state rules and regulations relating to Interconnection and access to Telecommunications facilities and services, nothing contained within this Agreement shall be construed as the grant of a license, either express or implied, with respect to any patent, copyright, trade name, trade mark, service

mark, trade secret, or other proprietary interest or intellectual property, now or hereafter owned, controlled or licensable by either Party. Nothing in this Agreement shall be construed as the grant to the other Party of any rights or licenses to trade or service marks.

5.10.2 Subject to Section 5.9.2, each Party (the Indemnifying Party) shall indemnify and hold the other Party (the Indemnified Party) harmless from and against any loss, cost, expense or liability arising out of a claim that the use of facilities of the Indemnifying Party or services provided by the Indemnifying Party provided or used pursuant to the terms of this Agreement misappropriates or otherwise violates the intellectual property rights of any third party. In addition to being subject to the provisions of Section 5.9.2, the obligation for indemnification recited in this paragraph shall not extend to infringement which results from (a) any combination of the facilities or services of the Indemnifying Party with facilities or services of any other Person (including the Indemnified Party but excluding the Indemnifying Party and any of its Affiliates), which combination is not made by or at the direction of the Indemnifying Party or (b) any modification made to the facilities or services of the Indemnifying Party by, on behalf of or at the request of the Indemnified Party and not required by the Indemnifying Party. In the event of any claim, the Indemnifying Party may, at its sole option (a) obtain the right for the Indemnified Party to continue to use the facility or service; or (b) replace or modify the facility or service to make such facility or service non-infringing. If the Indemnifying Party is not reasonably able to obtain the right for continued use or to replace or modify the facility or service as provided in the preceding sentence and either (a) the facility or service is held to be infringing by a court of competent jurisdiction or (b) the Indemnifying Party reasonably believes that the facility or service will be held to infringe, the Indemnifying Party shall notify the Indemnified Party and the Parties shall negotiate in good faith regarding reasonable modifications to this Agreement necessary to (1) mitigate damage or comply with an injunction which may result from such infringement or (2) allow cessation of further infringement. The Indemnifying Party may request that the Indemnified Party take steps to mitigate damages resulting from the infringement or alleged infringement including, but not limited to, accepting modifications to the facilities or services, and such request shall not be unreasonably denied.

5.10.3 To the extent required under applicable federal and state law, Qwest shall use its best efforts to obtain, from its vendors who have licensed intellectual property rights to Qwest in connection with facilities and services provided hereunder, licenses under such intellectual property rights as necessary for CLEC to use such facilities and services as contemplated hereunder and at least in the same manner used by Qwest for the facilities and services provided hereunder. Qwest shall notify CLEC immediately in the event that Qwest believes it has used its best efforts to obtain such rights, but has been unsuccessful in obtaining such rights.

5.10.3.1 Qwest covenants that it will not enter into any licensing agreements with respect to any Qwest facilities, equipment or services, including software, that contain provisions that would disqualify CLEC from using or interconnecting with such facilities, equipment or services, including software, pursuant to the terms of this Agreement. Qwest warrants and further covenants that it has not and will not knowingly modify any existing license agreements for any network facilities, equipment or services, including software, in whole or in part for the purpose of disqualifying CLEC from using or interconnecting with such facilities, equipment or services, including software, pursuant to the terms of this Agreement. To the extent that providers of facilities, equipment, services or software in Qwest's network provide Qwest with indemnities covering intellectual property liabilities and those indemnities allow a flow-through of protection to third parties, Qwest shall flow those indemnity protections through to CLEC.

5.10.4 Except as expressly provided in this Intellectual Property Section, nothing in this Agreement shall be construed as the grant of a license, either express or implied, with respect to any patent, copyright, logo, trademark, trade name, trade secret or any other intellectual property right now or hereafter owned, controlled or licensable by either Party. Neither Party may use any patent, copyright, logo, trademark, trade name, trade secret or other intellectual property rights of the other Party or its Affiliates without execution of a separate agreement between the Parties.

5.10.5 Neither Party shall without the express written permission of the other Party, state or imply that: 1) it is connected, or in any way affiliated with the other or its Affiliates; 2) it is part of a joint business association or any similar arrangement with the other or its Affiliates; 3) the other Party and its Affiliates are in any way sponsoring, endorsing or certifying it and its goods and services; or 4) with respect to its marketing, advertising or promotional activities or materials, the resold goods and services are in any way associated with or originated from the other or any of its Affiliates. Nothing in this paragraph shall prevent either Party from truthfully describing the Network Elements it uses to provide service to its End User Customers, provided it does not represent the Network Elements as originating from the other Party or its Affiliates in any marketing, advertising or promotional activities or materials.

5.10.6 For purposes of resale only and notwithstanding the above, unless otherwise prohibited by Qwest pursuant to an applicable provision herein, CLEC may use the phrase "CLEC is a Reseller of Qwest Services" (the Authorized Phrase) in CLEC's printed materials provided:

5.10.6.1 The Authorized Phrase is not used in connection with any goods or services other than Qwest services resold by CLEC.

5.10.6.2 CLEC's use of the Authorized Phrase does not cause End User Customers to believe that CLEC is Qwest.

5.10.6.3 The Authorized Phrase, when displayed, appears only in text form (CLEC may not use the Qwest logo) with all letters being the same font and point size. The point size of the Authorized Phrase shall be no greater than one fourth the point size of the smallest use of CLEC's name and in no event shall exceed 8 point size.

5.10.6.4 CLEC shall provide all printed materials using the Authorized Phrase to Qwest for its prior written approval.

5.10.6.5 If Qwest determines that CLEC's use of the Authorized Phrase causes End User Customer confusion, Qwest may immediately terminate CLEC's right to use the Authorized Phrase.

5.10.6.6 Upon termination of CLEC's right to use the Authorized Phrase or termination of this Agreement, all permission or right to use the Authorized Phrase shall immediately cease to exist and CLEC shall immediately cease any and all such use of the Authorized Phrase. CLEC shall either promptly return to Qwest or destroy all materials in its possession or control displaying the Authorized Phrase.

5.10.7 Qwest and CLEC each recognize that nothing contained in this Agreement is intended as an assignment or grant to the other of any right, title or interest in or to the trademarks or service marks of the other (the Marks) and that this Agreement does not confer

any right or license to grant sublicenses or permission to third parties to use the Marks of the other and is not assignable. Neither Party will do anything inconsistent with the other's ownership of their respective Marks, and all rights, if any, that may be acquired by use of the Marks shall inure to the benefit of their respective Owners. The Parties shall comply with all Applicable Law governing Marks worldwide and neither Party will infringe the Marks of the other.

5.10.8 Upon request, for all intellectual property owned or controlled by a third party and licensed to Qwest associated with the Unbundled Network Elements provided by Qwest under this Agreement, either on the Effective Date or at any time during the term of the Agreement, Qwest shall within ten (10) business days, unless there are extraordinary circumstances in which case Qwest will negotiate an agreed upon date, then disclose to CLEC in writing (i) the name of the Party owning, controlling or licensing such intellectual property, (ii) the facilities or equipment associated with such intellectual property, (iii) the nature of the intellectual property, and (iv) the relevant agreements or licenses governing Qwest's use of the intellectual property. Except to the extent Qwest is prohibited by confidentiality or other provisions of an agreement or license from disclosing to CLEC any relevant agreement or license within ten (10) business days of a request by CLEC, Qwest shall provide copies of any relevant agreements or licenses governing Qwest's use of the intellectual property to CLEC. To the extent Qwest is prohibited by confidentiality or other provisions of an agreement or license from disclosing to CLEC any relevant agreement or license, Qwest shall immediately, within ten (10) business days (i) disclose so much of it as is not prohibited, and (ii) exercise best efforts to cause the vendor, licensor or other beneficiary of the confidentiality provisions to agree to disclosure of the remaining portions under terms and conditions equivalent to those governing access by and disclosure to Qwest.

## 5.11 Warranties

5.11.1 EXCEPT AS EXPRESSLY SET FORTH IN THIS AGREEMENT, THE PARTIES AGREE THAT NEITHER PARTY HAS MADE, AND THAT THERE DOES NOT EXIST, ANY WARRANTY, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE AND THAT ALL PRODUCTS AND SERVICES PROVIDED HEREUNDER ARE PROVIDED "AS IS," WITH ALL FAULTS.

## 5.12 Assignment

5.12.1 Neither Party may assign or transfer (whether by operation of law or otherwise) this Agreement (or any rights or obligations hereunder) to a third party without the prior written consent of the other Party. Notwithstanding the foregoing, either Party may assign or transfer this Agreement to a corporate Affiliate or an entity under its common control; without the consent of the other Party, provided that the performance of this Agreement by any such assignee is guaranteed by the assignor. Any attempted assignment or transfer that is not permitted is void ab initio. Without limiting the generality of the foregoing, this Agreement shall be binding upon and shall inure to the benefit of the Parties' respective successors and assigns.

5.12.2 Intentionally Left Blank.

5.12.3 Nothing in this section is intended to restrict CLEC's rights to opt into interconnection agreements under § 252 of the Act.



### **5.13 Default**

5.13.1 If either Party defaults in the payment of any amount due hereunder, or if either Party violates any other material provision of this Agreement, and such default or violation shall continue for thirty (30) calendar Days after written notice thereof, the other Party may seek relief in accordance with the Dispute Resolution provision of this Agreement. The failure of either Party to enforce any of the provisions of this Agreement or the waiver thereof in any instance shall not be construed as a general waiver or relinquishment on its part of any such provision, but the same shall, nevertheless, be and remain in full force and effect.

### **5.14 Disclaimer of Agency**

5.14.1 Except for provisions herein expressly authorizing a Party to act for another, nothing in this Agreement shall constitute a Party as a legal representative or agent of the other Party, nor shall a Party have the right or authority to assume, create or incur any liability or any obligation of any kind, express or implied, against or in the name or on behalf of the other Party unless otherwise expressly permitted by such other Party. Except as otherwise expressly provided in this Agreement, no Party undertakes to perform any obligation of the other Party whether regulatory or contractual, or to assume any responsibility for the management of the other Party's business.

### **5.15 Severability**

5.15.1 In the event that any one or more of the provisions contained herein shall for any reason be held to be unenforceable or invalid in any respect under law or regulation, the Parties will negotiate in good faith for replacement language as set forth herein. If any part of this Agreement is held to be invalid or unenforceable for any reason, such invalidity or unenforceability will affect only the portion of this Agreement which is invalid or unenforceable. In all other respects, this Agreement will stand as if such invalid or unenforceable provision had not been a part hereof, and the remainder of this Agreement shall remain in full force and effect.

### **5.16 Nondisclosure**

5.16.1 All information, including but not limited to specifications, microfilm, photocopies, magnetic disks, magnetic tapes, drawings, sketches, models, samples, tools, technical information, data, employee records, maps, financial reports, and market data, (i) furnished by one Party to the other Party dealing with business or marketing plans, End User Customer specific, facility specific, or usage specific information, other than End User Customer information communicated for the purpose of providing Directory Assistance or publication of directory database, or (ii) in written, graphic, electromagnetic, or other tangible form and marked at the time of delivery as "Confidential" or "Proprietary", or (iii) communicated and declared to the receiving Party at the time of delivery, or by written notice given to the receiving Party within ten (10) calendar Days after delivery, to be "Confidential" or "Proprietary" (collectively referred to as "Proprietary Information"), shall remain the property of the disclosing Party. A Party who receives Proprietary Information via an oral communication may request written confirmation that the material is Proprietary Information. A Party who delivers Proprietary Information via an oral communication may request written confirmation that the Party receiving the information understands that the material is Proprietary Information. Each Party shall have the right to correct an inadvertent failure to identify information as Proprietary Information by giving written notification within thirty (30) Days after the information is disclosed. The receiving Party shall from that time forward, treat such information as Proprietary Information. To the extent

permitted by Applicable Law, either Party may disclose to the other proprietary or confidential customer, technical or business information.

5.16.2 Upon request by the disclosing Party, the receiving Party shall return all tangible copies of Proprietary Information, whether written, graphic or otherwise, except that the receiving Party may retain one copy for archival purposes.

5.16.3 Each Party shall keep all of the other Party's Proprietary Information confidential and will disclose it on a need to know basis only. Each Party shall use the other Party's Proprietary Information only in connection with this Agreement and in accordance with Applicable Law, including but not limited to, 47 U.S.C. § 222. In accordance with Section 222 of the Act, when either Party receives or obtains Proprietary Information from the other Party for purposes of providing any Telecommunications Services, that Party shall use such information only for such purpose, and shall not use such information for its own marketing efforts. Neither Party shall use the other Party's Proprietary Information for any other purpose except upon such terms and conditions as may be agreed upon between the Parties in writing. Violations of these obligations shall subject a Party's employees to disciplinary action up to and including termination of employment. If either Party loses, or makes an unauthorized disclosure of, the other Party's Proprietary Information, it will notify such other Party immediately and use reasonable efforts to retrieve the information.

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

- a) was at the time of receipt already known to the receiving Party free of any obligation to keep it confidential evidenced by written records prepared prior to delivery by the disclosing Party; or
- b) is or becomes publicly known through no wrongful act of the receiving Party; or
- c) is rightfully received from a third Person having no direct or indirect secrecy or confidentiality obligation to the disclosing Party with respect to such information; or
- d) is independently developed by an employee, agent, or contractor of the receiving Party which individual is not involved in any manner with the provision of services pursuant to the Agreement and does not have any direct or indirect access to the Proprietary Information; or
- e) is disclosed to a third Person by the disclosing Party without similar restrictions on such third Person's rights; or
- f) is approved for release by written authorization of the disclosing Party; or
- g) is required to be disclosed by the receiving Party pursuant to Applicable Law or regulation provided that the receiving Party shall give sufficient notice of the requirement to the disclosing Party to enable the disclosing Party to seek protective orders.

5.16.5 Nothing herein is intended to prohibit a Party from supplying factual information about its network and Telecommunications Services on or connected to its network to regulatory agencies including the Federal Communications Commission and the Commission so long as any confidential obligation is protected. In addition either Party shall have the right to disclose

Proprietary Information to any mediator, arbitrator, state or federal regulatory body, the Department of Justice or any court in the conduct of any proceeding arising under or relating in any way to this Agreement or the conduct of either Party in connection with this Agreement, including without limitation the approval of this Agreement, or in any proceedings concerning the provision of InterLATA services by Qwest that are or may be required by the Act. The Parties agree to cooperate with each other in order to seek appropriate protection or treatment of such Proprietary Information pursuant to an appropriate protective order in any such proceeding.

5.16.6 Effective Date of this Section. Notwithstanding any other provision of this Agreement, the Proprietary Information provisions of this Agreement shall apply to all information furnished by either Party to the other in furtherance of the purpose of this Agreement, even if furnished before the Effective Date.

5.16.7 Each Party agrees that the disclosing Party could be irreparably injured by a breach of the confidentiality obligations of this Agreement by the receiving Party or its representatives and that the disclosing Party shall be entitled to seek equitable relief, including injunctive relief and specific performance in the event of any breach of the confidentiality provisions of this Agreement. Such remedies shall not be deemed to be the exclusive remedies for a breach of the confidentiality provisions of this Agreement, but shall be in addition to all other remedies available at law or in equity.

5.16.8 Nothing herein should be construed as limiting either Party's rights with respect to its own Proprietary Information or its obligations with respect to the other Party's Proprietary Information under Section 222 of the Act.

5.16.9 Forecasts provided by either Party to the other Party shall be deemed Confidential Information and the Parties may not distribute, disclose or reveal, in any form, this material other than as allowed and described in subsections 5.16.9.1 and 5.16.9.2.

5.16.9.2 The Parties shall maintain confidential forecasting information in secure files and locations such that access to the forecasts is limited to the personnel designated in subsection 5.16.9.1 above and such that no other personnel have computer access to such information.

## **5.17 Survival**

5.17.1 Any liabilities or obligations of a Party for acts or omissions prior to the termination of this Agreement, and any obligation of a Party under the provisions regarding indemnification, Confidential or Proprietary Information, limitations of liability, and any other provisions of this Agreement which, by their terms, are contemplated to survive (or to be performed after) termination of this Agreement, shall survive cancellation or termination hereof.

## **5.18 Dispute Resolution**

5.18.1 If any claim, controversy or dispute between the Parties, their agents, employees, officers, directors or affiliated agents should arise, and the Parties do not resolve it in the ordinary course of their dealings (the "Dispute"), then it shall be resolved in accordance with this Section. Each notice of default, unless cured within the applicable cure period, shall be resolved in accordance herewith. Dispute resolution under the procedures provided in this Section 5.18 shall be the preferred, but not the exclusive remedy for all disputes between Qwest and CLEC arising out of this Agreement or its breach. Each Party reserves its rights to resort to

the Commission or to a court, agency, or regulatory authority of competent jurisdiction. Nothing in this Section 5.18 shall limit the right of either Qwest or CLEC, upon meeting the requisite showing, to obtain provisional remedies (including injunctive relief) from a court before, during or after the pendency of any arbitration proceeding brought pursuant to this Section 5.18. However, once a decision is reached by the arbitrator, such decision shall supersede any provisional remedy.

5.18.2 At the written request of either Party (the Resolution Request), and prior to any other formal dispute resolution proceedings, each Party shall within seven (7) calendar Days after such Resolution Request designate a vice-presidential level employee or a representative with authority to make commitments to review, meet, and negotiate, in good faith, to resolve the Dispute. The Parties intend that these negotiations be conducted by non-lawyer, business representatives, and the locations, format, frequency, duration, and conclusions of these discussions shall be at the discretion of the representatives. By mutual agreement, the representatives may use other procedures, such as mediation, to assist in these negotiations. The discussions and correspondence among the representatives for the purposes of these negotiations shall be treated as Confidential Information developed for purposes of settlement, and shall be exempt from discovery and production, and shall not be admissible in any subsequent arbitration or other proceedings without the concurrence of both of the Parties.

5.18.3 If the vice-presidential level representatives or the designated representative with authority to make commitments have not reached a resolution of the Dispute within fifteen (15) calendar Days after the Resolution Request (or such longer period as agreed to in writing by the Parties), or if either Party fails to designate such vice-presidential level representative or their representative with authority to make commitments within seven (7) calendar Days after the date of the Resolution Request, then either Party may request that the Dispute be settled by arbitration. Notwithstanding the foregoing, a Party may request that the Dispute be settled by arbitration two (2) calendar Days after the Resolution Request pursuant to the terms of Section 5.18.3.1. In any case, the arbitration proceeding shall be conducted by a single arbitrator, knowledgeable about the Telecommunications industry unless the Dispute involves amounts exceeding five million (\$5,000,000) in which case the proceeding shall be conducted by a panel of three (3) arbitrators, knowledgeable about the Telecommunications industry. The arbitration proceedings shall be conducted under the then-current rules for commercial disputes of the American Arbitration Association (AAA) or J.A.M.S./Endispute, at the election of the Party that initiates dispute resolution under this Section 5.18. Such rules and procedures shall apply notwithstanding any part of such rules that may limit their availability for resolution of a Dispute. The Federal Arbitration Act, 9 U.S.C. Sections 1-16, not state law, shall govern the arbitrability of the Dispute. The arbitrator shall not have authority to award punitive damages. The arbitrator's award shall be final and binding and may be entered in any court having jurisdiction thereof. Each Party shall bear its own costs and attorneys' fees, and shall share equally in the fees and expenses of the arbitrator. The arbitration proceedings shall occur in the Denver, Colorado metropolitan area or in another mutually agreeable location. It is acknowledged that the Parties, by mutual, written agreement, may change any of these arbitration practices for a particular, some, or all Dispute(s). The Party which sends the Resolution Request must notify the Secretary of the Commission of the arbitration proceeding within forty-eight (48) hours of the determination to arbitrate.

5.18.3.1 All expedited procedures prescribed by the AAA or J.A.M.S./Endispute rules, as the case may be, shall apply to Disputes affecting the ability of a Party to provide uninterrupted, high quality services to its End User Customers, or as otherwise called for in this Agreement. A Party may seek expedited resolution of a Dispute if the

vice-presidential level representative, or other representative with authority to make commitments, have not reached a resolution of the Dispute within two (2) calendar Days after the Resolution Request. In the event the Parties do not agree that a service affecting Dispute exists, the Dispute resolution shall commence under the expedited process set forth in this Section 5.18.3.1, however, the first matter to be addressed by the arbitrator shall be the applicability of such process to such Dispute.

5.18.3.2 There shall be no discovery except for the exchange of documents deemed necessary by the arbitrator to an understanding and determination of the Dispute. Qwest and CLEC shall attempt, in good faith, to agree on a plan for such document discovery. Should they fail to agree, either Qwest or CLEC may request a joint meeting or conference call with the arbitrator. The arbitrator shall resolve any Disputes between Qwest and CLEC, and such resolution with respect to the need, scope, manner, and timing of discovery shall be final and binding.

### 5.18.3.3 Arbitrator's Decision

5.18.3.3.1 The arbitrator's decision and award shall be in writing and shall state concisely the reasons for the award, including the arbitrator's findings of fact and conclusions of law.

5.18.3.3.2 An interlocutory decision and award of the arbitrator granting or denying an application for preliminary injunctive relief may be challenged in a forum of competent jurisdiction immediately, but no later than ten (10) business days after the appellant's receipt of the decision challenged. During the pendency of any such challenge, any injunction ordered by the arbitrator shall remain in effect, but the enjoined Party may make an application to the arbitrator for appropriate security for the payment of such costs and damages as may be incurred or suffered by it if it is found to have been wrongfully enjoined, if such security has not previously been ordered. If the authority of competent jurisdiction determines that it will review a decision granting or denying an application for preliminary injunctive relief, such review shall be conducted on an expedited basis.

5.18.3.4 To the extent that any information or materials disclosed in the course of an arbitration proceeding contain proprietary, trade secret or Confidential Information of either Party, it shall be safeguarded in accordance with Section 5.16 of this Agreement, or if the Parties mutually agree, such other appropriate agreement for the protection of proprietary, trade secret or Confidential Information that the Parties negotiate. However, nothing in such negotiated agreement shall be construed to prevent either Party from disclosing the other Party's information to the arbitrator in connection with or in anticipation of an arbitration proceeding, provided, however, that the Party seeking to disclose the information shall first provide fifteen (15) calendar Days notice to the disclosing Party so that that Party, with the cooperation of the other Party, may seek a protective order from the arbitrator. Except as the Parties otherwise agree, or as the arbitrator for good cause orders, the arbitration proceedings, including hearings, briefs, orders, pleadings and discovery shall not be deemed confidential and may be disclosed at the discretion of either Party, unless it is subject to being safeguarded as proprietary, trade secret or Confidential Information, in which event the procedures for disclosure of such information shall apply.

5.18.4 Should it become necessary to resort to court proceedings to enforce a Party's compliance with the dispute resolution process set forth herein, and the court directs or otherwise requires compliance herewith, then all of the costs and expenses, including its reasonable attorney fees, incurred by the Party requesting such enforcement shall be reimbursed by the non-complying Party to the requesting Party.

5.18.5 No Dispute, regardless of the form of action, arising out of this Agreement, may be brought by either Party more than two (2) years after the cause of action accrues.

5.18.6 Nothing in this Section is intended to divest or limit the jurisdiction and authority of the Commission or the FCC as provided by state and federal law.

5.18.7 In the event of a conflict between this Agreement and the rules prescribed by the AAA or J.A.M.S./Endispute, this Agreement shall be controlling.

5.18.8 This Section does not apply to any claim, controversy or Dispute between the Parties, their agents, employees, officers, directors or affiliated agents concerning the misappropriation of use of intellectual property rights of a Party, including, but not limited to, the use of the trademark, tradename, trade dress or service mark of a Party.

## **5.19 Controlling Law**

5.19.1 This Agreement is offered by Qwest and accepted by CLEC in accordance with applicable federal law and the state law of [Insert State Name]. It shall be interpreted solely in accordance with applicable federal law and the state law of [Insert State Name].

## **5.20 Responsibility for Environmental Contamination**

5.20.1 Neither Party shall be liable to the other for any costs whatsoever resulting from the presence or release of any Environmental Hazard that either Party did not introduce to the affected Work Location. Both Parties shall defend and hold harmless the other, its officers, directors and employees from and against any losses, damages, claims, demands, suits, liabilities, fines, penalties and expenses (including reasonable attorneys' fees) that arise out of or result from (i) any Environmental Hazard that the Indemnifying Party, its contractors or agents introduce to the Work Locations or (ii) the presence or release of any Environmental Hazard for which the Indemnifying Party is responsible under Applicable Law.

5.20.2 In the event any suspect materials within Qwest-owned, operated or leased facilities are identified to be asbestos containing, CLEC will ensure that to the extent any activities which it undertakes in the facility disturb such suspect materials, such CLEC activities will be in accordance with applicable local, state and federal environmental and health and safety statutes and regulations. Except for abatement activities undertaken by CLEC or equipment placement activities that result in the generation of asbestos-containing material, CLEC does not have any responsibility for managing, nor is it the owner of, nor does it have any liability for, or in connection with, any asbestos-containing material. Qwest agrees to immediately notify CLEC if Qwest undertakes any asbestos control or asbestos abatement activities that potentially could affect CLEC personnel, equipment or operations, including, but not limited to, contamination of equipment.

## 5.21 Notices

5.21.1 Any notices required by or concerning this Agreement shall be in writing and shall be sufficiently given if delivered personally, delivered by prepaid overnight express service, or sent by certified mail, return receipt requested, or by email where specified in this Agreement to Qwest and CLEC at the addresses shown below:

Qwest Corporation  
Director Interconnection Agreements  
1801 California, Room 2400  
Denver, CO 80202  
Email: [intagree@qwest.com](mailto:intagree@qwest.com)  
Phone: 303-965-3029  
Fax: 303-896-7077

With copy to:  
Qwest Law Department  
Attention: Corporate Counsel, Interconnection  
1801 California Street, 49th Floor  
Denver, CO 80202

and to CLEC at the address shown below:

SC TxLink, LLC  
Attention: Matthew Simpson  
8641 Glenturret Drive  
Ovilla, Texas 75154  
Email: [matthew@txlink.net](mailto:matthew@txlink.net)  
Phone: 972-617-2877 or 202-246-3521  
Fax: 775-923-8946

If personal delivery is selected to give notice, a receipt acknowledging such delivery must be obtained. Each Party shall inform the other of any change in the above contact Person and/or address using the method of notice called for in this Section 5.21.

## 5.22 Responsibility of Each Party

5.22.1 Each Party is an independent contractor, and has and hereby retains the right to exercise full control of and supervision over its own performance of its obligations under this Agreement and retains full control over the employment, direction, compensation and discharge of all employees assisting in the performance of such obligations. Each Party will be solely responsible for all matters relating to payment of such employees, including compliance with social security taxes, withholding taxes and all other regulations governing such matters. Each Party will be solely responsible for proper handling, storage, transport and disposal at its own expense of all (i) substances or materials that it or its contractors or agents bring to, create or assume control over at Work Locations, and (ii) Waste resulting therefrom or otherwise generated in connection with its or its contractors' or agents' activities at the Work Locations. Subject to the limitations on liability and except as otherwise provided in this Agreement, each Party shall be responsible for (i) its own acts and performance of all obligations imposed by

Applicable Law in connection with its activities, legal status and property, real or personal, and (ii) the acts of its own Affiliates, employees, agents and contractors during the performance of that Party's obligations hereunder.

### **5.23 No Third Party Beneficiaries**

5.23.1 The provisions of this Agreement are for the benefit of the Parties and not for any other Person. This Agreement will not provide any Person not a Party to this Agreement with any remedy, claim, liability, reimbursement, claim of action, or other right in excess of those existing by reference in this Agreement.

### **5.24 Intentionally Left Blank**

### **5.25 Publicity**

5.25.1 Neither Party shall publish or use any publicity materials with respect to the execution and delivery or existence of this Agreement without the prior written approval of the other Party. Nothing in this section shall limit a Party's ability to issue public statements with respect to regulatory or judicial proceedings.

### **5.26 Executed in Counterparts**

5.26.1 This Agreement may be executed in any number of counterparts, each of which shall be deemed an original; but such counterparts shall together constitute one and the same instrument.

### **5.27 Compliance**

5.27.1 Each Party shall comply with all applicable federal, state, and local laws, rules and regulations applicable to its performance under this Agreement. Without limiting the foregoing, Qwest and CLEC agree to keep and maintain in full force and effect all permits, licenses, certificates, and other authorities needed to perform their respective obligations hereunder.

### **5.28 Compliance with the Communications Assistance Law Enforcement Act of 1994**

5.28.1 Each Party represents and warrants that any equipment, facilities or services provided to the other Party under this Agreement comply with the CALEA. Each Party shall indemnify and hold the other Party harmless from any and all penalties imposed upon the other Party for such noncompliance and shall at the non-compliant Party's sole cost and expense, modify or replace any equipment, facilities or services provided to the other Party under this Agreement to ensure that such equipment, facilities and services fully comply with CALEA.

### **5.29 Cooperation**

5.29.1 The Parties agree that this Agreement involves the provision of Qwest services in ways such services were not previously available and the introduction of new processes and procedures to provide and bill such services. Accordingly, the Parties agree to work jointly and cooperatively in testing and implementing processes for pre-ordering, ordering, maintenance, Provisioning and Billing and in reasonably resolving issues which result from such



implementation on a timely basis. Electronic processes and procedures are addressed in Section 12 of this Agreement.

### **5.30 Amendments**

5.30.1 Either Party may request an amendment to this Agreement at any time by providing to the other Party in writing information about the desired amendment and proposed language changes. If the Parties have not reached agreement on the requested amendment within sixty (60) calendar Days after receipt of the request, either Party may pursue resolution of the amendment through the Dispute Resolution provisions of this Agreement.

5.30.2 Intentionally Left Blank.

5.30.3 The provisions of this Agreement, including the provisions of this sentence, may not be amended, modified or supplemented, and waivers or consents to departures from the provisions of this Agreement may not be given without the written consent thereto by both Parties' authorized representative. No waiver by any party of any default, misrepresentation, or breach of warranty or covenant hereunder, whether intentional or not, will be deemed to extend to any prior or subsequent default, misrepresentation, or breach of warranty or covenant hereunder or affect in any way any rights arising by virtue of any prior or subsequent such occurrence.

### **5.31 Entire Agreement**

5.31.1 This Agreement (including the documents referred to herein) constitutes the full and entire understanding and agreement between the Parties with regard to the subjects of this Agreement and supersedes any prior understandings, agreements, or representations by or between the Parties, written or oral, to the extent they relate in any way to the subjects of this Agreement.

## **Section 6.0 – RESALE**

### **6.1 Description**

6.1.1 Qwest shall offer for resale at wholesale rates any Telecommunications Services that it provides at retail to subscribers who are not Telecommunications Carriers, subject to the terms and conditions of this Section. All Qwest retail Telecommunications Services are available for resale from Qwest pursuant to the Act and will include terms and conditions (except prices) in Qwest's applicable product Tariffs, catalogs, price lists, or other retail Telecommunications Services offerings. To the extent, however, that a conflict arises between the terms and conditions of the Tariff, catalog, price list, or other retail Telecommunications Services offering and this Agreement, this Agreement shall be controlling.

6.1.2 While this Section 6.0 of this Agreement addresses the provision of certain Qwest services to CLEC for resale by CLEC, the Parties also acknowledge that CLEC is required to provide its Telecommunications Services to Qwest for resale by Qwest. Upon request by Qwest, CLEC shall make its Telecommunications Services available to Qwest for resale pursuant to the applicable provisions of the Telecommunications Act of 1996, the FCC's relevant orders and rules, and the Commission's relevant orders and rules.

6.1.3 Certain Qwest services are not available for resale under this Agreement, as noted in Section 6.2. The applicable discounts for services available for resale are identified in Exhibit A.

### **6.2 Terms and Conditions**

6.2.1 Qwest shall offer introductory training on procedures that CLEC must use to access Qwest's OSS at no cost to CLEC. If CLEC asks Qwest personnel to travel to CLEC's location to deliver training, CLEC will pay Qwest's reasonable travel related expenses. Qwest may also offer to CLEC other training at reasonable costs.

6.2.2 Services available for resale under this Agreement may be resold only to the same class of End User Customers to which Qwest sells such services where such restrictions have been ordered or approved by the Commission. Such restrictions are listed below in this Section 6.2.2.

6.2.2.1 Promotional offerings of ninety (90) days or less are available for resale. Such promotions are available for resale under the same terms and conditions that are available to Qwest retail End User Customers, with no wholesale discount. Should Qwest re-offer any promotion for a sequential ninety (90) day or less promotion period following the initial ninety (90) day or less promotion period, then the initial and subsequent promotion(s) will be available to CLEC for resale with any applicable wholesale discount.

6.2.2.2 Market trials of ninety (90) days or less are not available for resale.

6.2.2.3 Residential services and Lifeline/Link-up services are available only to the same class of End User Customers eligible to purchase these services from Qwest.

6.2.2.4 Universal Emergency Number Service is not available for resale. Universal Emergency Number Service (E911/911 service) is provided with each Local

Exchange Service line resold by CLEC whenever E911/911 service would be provided on the same line if provided by Qwest to a Qwest retail End User Customer.

6.2.2.5 Inside wiring maintenance plans are available for resale at Qwest retail rates with no wholesale discount. Other non-Telecommunications Services, such as inside wiring and maintenance, calling cards and CPE, are not available for resale.

6.2.2.6 Voice messaging service is available for resale at the retail rate with no discount. Enhanced Services and information services, other than voice messaging, are not available for resale.

6.2.2.7 Qwest will make retail Contract Service Arrangements (CSA), entered into by Qwest and CLEC available for resale at the wholesale discount rate specified in Exhibit A of this Agreement. All terms and conditions (except prices) in Qwest's applicable Tariffs, catalogs, price lists, or other retail Telecommunications Services offerings will apply to resale of CSAs, including early termination liability. CLEC may take assignment of Qwest's retail end users existing CSAs and; 1) such assignments shall not trigger any otherwise applicable early termination charges; and 2) CLEC shall pay the full retail rate that would have been paid by the retail end user for the remaining term of the assigned CSA. Should CLEC early terminate a CSA that was assigned to CLEC by a Qwest retail end user, then any early termination charges included in the original CSA shall apply to CLEC. Nothing in this Agreement shall affect any obligation of any Qwest retail end user that early terminates, but does not assign a CSA to CLEC, including payment of any early termination charges.

6.2.2.8 Grandfathered services are available for resale by CLEC to existing End User Customers of the grandfathered product or service.

6.2.2.9 Centrex terms and conditions related to calculation of charges for, and Provisioning of common blocks, station lines and optional features will be based on the Centrex definition of a system and CLEC's serving location.

6.2.2.9.1 Where a common block is applicable, a Centrex system is defined by a single common block or multiple common blocks for a single CLEC within a single Central Office switching system. A common block defines the dialing plan for intercom calling, access to the Public Switched Network and/or private facilities, station line and system restrictions and feature access arrangements and functionality. CLEC may purchase multiple common blocks within a single Central Office switching system when CLEC requires different dialing plans, feature access arrangements and station line or system restrictions within a single system operation. CLEC with multiple common blocks within the same Central Office Switch may have network access register and private facility trunk groups aggregated across multiple common blocks. Centrex system based optional features (i.e., Automatic Route Selection) may not be aggregated across multiple common blocks. A Centrex system must provide station lines to at least one (1) location and may provide station lines to multiple locations.

6.2.2.10 Private line service used for Special Access is available for resale but not at a discount.

6.2.2.11 Reserved for Future Use.

6.2.2.12 Telecommunications Services provided directly to CLEC for its own use and not resold to End User Customers must be identified by CLEC as such, and CLEC will pay Qwest retail prices for such services.

6.2.3 Qwest shall provide to CLEC Telecommunications Services for resale that are at least equal in quality and in substantially the same time and manner that Qwest provides these services to itself, its subsidiaries, its Affiliates, other Resellers, and Qwest's retail End User Customers. Qwest shall also provide resold services to CLEC in accordance with the Commission's retail service quality requirements, if any. Qwest further agrees to reimburse CLEC for credits or fines and penalties assessed against CLEC as a result of Qwest's failure to provide service to CLEC, subject to the understanding that any payments made pursuant to this provision will be an offset and credit toward any other penalties voluntarily agreed to by Qwest as part of a performance assurance plan, and further subject to the following provisions:

6.2.3.1 Qwest shall provide service credits to CLEC for resold services in accordance with the Commission's retail service requirements that apply to Qwest retail services, if any. Such credits shall be limited in accordance with the following:

- a) Qwest's service credits to CLEC shall be subject to the wholesale discount;
- b) Qwest shall only be liable to provide service credits in accordance with the resold services provided to CLEC. Qwest is not required to provide service credits for service failures that are the fault of CLEC;
- c) Intentionally Left Blank.
- d) Intentionally Left Blank.

6.2.3.2 Fines and Penalties - Qwest shall be liable to pay to CLEC fines and penalties for resold services in accordance with the Commission's retail service requirements that apply to Qwest retail services, if any. Such credits shall be limited in accordance with the following:

- a) Qwest's service credits to CLEC shall be subject to the wholesale discount.
- b) Qwest shall only be liable to provide fines and penalties in accordance with the resold services provided to CLEC. Qwest is not required to pay fines and penalties for service failures that are the fault of CLEC;

6.2.4 In the event that there are existing agreements between CLEC and Qwest for resale under Qwest retail Tariff discounts, CLEC may elect to continue to obtain services for resale under the existing agreements and retail Tariff discounts, or CLEC may elect to terminate such existing agreements and obtain such services by adopting this Agreement pursuant to the General Terms of this Agreement. If CLEC so adopts this Agreement, the associated wholesale discount specified in Exhibit A of this Agreement will apply.

6.2.5 Reserved for Future Use.

6.2.6 The Parties may not reserve blocks of telephone numbers except as allowed by Applicable Law or regulation.

6.2.7 Qwest will accept at no charge one (1) primary white pages Directory Listing for each main telephone number belonging to CLEC's End User Customer based on End User Customer information provided to Qwest by CLEC. Qwest will place CLEC's End User Customer's Listings in Qwest's Directory Assistance Database and will include such Listings in Qwest's Directory Assistance Service. Additional terms and conditions with respect to Directory Listings are described in the Ancillary Services Section and the Qwest's Official Directory Publisher Section of this Agreement.

6.2.8 Qwest shall provide to CLEC, for CLEC's End User Customers, E911/911 call routing to the appropriate Public Safety Answering Point (PSAP). Qwest shall not be responsible for any failure of CLEC to provide accurate End User Customer information for listings in any databases in which Qwest is required to retain and/or maintain such information. Qwest shall provide CLEC's End User Customer information to the Automatic Location Identification/Database Management System (ALI/DMS). Qwest shall use its standard process to update and maintain CLEC's End User Customer service information in the ALI/DMS used to support E911/911 services on the same schedule that it uses for its retail End User Customers. Qwest assumes no liability for the accuracy of information provided by CLEC.

6.2.9 If Qwest provides and CLEC accepts Qwest's Directory Assistance Service or operator services for CLEC's resold local Exchange Service lines, such Directory Assistance and operator services may be provided with branding as provided in this Agreement in Sections 10.5 for Directory Assistance Service, and 10.7 for operator services.

6.2.10 CLEC shall designate the Primary Interexchange Carrier (PIC) assignments on behalf of its End User Customers for InterLATA and IntraLATA services. CLEC and Qwest shall follow all Applicable Laws, rules and regulations with respect to PIC changes. Qwest shall disclaim any liability for CLEC's improper InterLATA and IntraLATA PIC change requests, and CLEC shall disclaim any liability for Qwest's improper InterLATA (when applicable) and IntraLATA PIC change requests.

6.2.11 When End User Customers switch from Qwest to CLEC, or to CLEC from any other Reseller and if they do not change their service address to an address served by a different Rate Center, such End User Customers shall be permitted to retain their current telephone numbers if they so desire and if such number retention is not prohibited by Applicable Laws or regulations for number administration and Local Number Portability (LNP).

6.2.12 In the event Qwest properly terminates the Provisioning of any resold services to CLEC for any reason, CLEC shall be responsible for providing any and all necessary notice to its End User Customers of the termination. In no case shall Qwest be responsible for providing such notice to CLEC's End User Customers. Qwest will provide notice to CLEC of Qwest's termination of a resold service on a timely basis consistent with Commission rules and notice requirements.

6.2.13 The underlying network provider of a resold service shall be entitled to receive, from the purchaser of Switched Access, the appropriate access charges pursuant to its then effective Switched Access Tariff.

6.2.14 Resold services are available where facilities currently exist and are capable of providing such services without construction of additional facilities or enhancement of existing facilities. However, if CLEC requests that facilities be constructed or enhanced to provide resold services, Qwest will construct facilities to the extent necessary to satisfy its obligations to provide basic Local Exchange Service as set forth in Qwest's retail Tariff and Commission rules. Under such circumstances, Qwest will develop and provide to CLEC a price quote for the construction. Construction charges associated with resold services will be applied in the same manner that construction charges apply to Qwest retail End User Customers. If the quote is accepted by CLEC, CLEC will be billed the quoted price and construction will commence after receipt of payment.

### **6.3 Rates and Charges**

6.3.1 Wholesale discounts for resold Telecommunications Services offerings are provided in Exhibit A. The Telecommunications Services offerings available for resale but excluded from the wholesale pricing arrangement in the Agreement are available at the retail Tariff, price list, catalog, or other retail Telecommunications Services offering rates. Telecommunications Services available for resale with or without a wholesale discount are subject to Commission-approved change, and any such changes shall apply from the effective date of such change on a going-forward basis only.

6.3.2 The Customer Transfer Charges (CTC) as specified in Exhibit A apply when transferring services to CLEC.

6.3.3 A Subscriber Line Charge (SLC), or any subsequent federally mandated charge to End User Customers, will continue to be paid by CLEC without discount for each local exchange line resold under this Agreement. All federal and state rules and regulations associated with SLC as found in the applicable Tariffs also apply.

6.3.4 CLEC will pay to Qwest the Primary Interexchange Carrier (PIC) change charge without discount for CLEC End User Customer changes of Interexchange or IntraLATA Carriers. Any change in CLEC's End User Customer's Interexchange or IntraLATA Carrier must be requested by CLEC on behalf of its End User Customer, and Qwest will not accept changes to CLEC's End User Customer's Interexchange or IntraLATA Carrier(s) from anyone other than CLEC.

6.3.5 CLEC agrees to pay Qwest when its End User Customer activates any services or features that are billed on a per use or per activation basis (e.g., continuous redial, last call return, call back calling, call trace) subject to the applicable discount in Exhibit A as such may be amended pursuant to this Section. With respect to all such charges, Qwest shall provide CLEC with sufficient information to enable CLEC to bill its End User Customers.

6.3.6 Miscellaneous Charges applicable to services ordered for resale by CLEC will apply if such Miscellaneous Charges apply for equivalent services ordered by Qwest retail End User Customers, except that CLEC will receive any applicable wholesale discount. Such Miscellaneous Charges include charges listed in the applicable Tariff.

6.3.7 If the Commission orders additional services to be available for resale, Qwest will revise Exhibit A to incorporate the services added by such order into this Agreement, effective on the date ordered by the Commission. If the Commission indicates those additional services

must be available for resale at wholesale discount rates, those additional services will be added to this Agreement at the original Agreement wholesale discount rate.

6.3.8 Qwest shall timely bill new or changed Commission-ordered resale rates or charges using the effective date for such rates or charges as ordered by the Commission. If Qwest bills CLEC amounts different from new or changed rates or charges after the effective date of such rates or charges, Qwest shall make appropriate bill adjustments or provide appropriate bill credits on CLEC's bill(s).

6.3.9 If rates for services resold by CLEC under this Agreement change, based on changes in Qwest's Tariffs, catalogs, price lists or other retail Telecommunications Services offerings, charges billed to CLEC for such services will be based upon the new Tariff, catalogs, price lists, or other retail Telecommunications Services offerings rates less the applicable wholesale discount, if any, as agreed to herein or as established by Commission order. The new rate will be effective upon the effective date of the Tariff, catalog, price list, or other retail Telecommunications Services offerings.

6.3.10 Product-specific nonrecurring charges as set forth in Qwest's applicable Tariffs, catalogs, price lists, or other retail Telecommunications Services offerings will apply when new or additional resold services are ordered and installed at CLEC's request for use by CLEC's End User Customers. Such nonrecurring charges will be subject to the wholesale discount, if any, that applies to the underlying service being added or changed.

## **6.4 Ordering Process**

6.4.2 CLEC shall transmit to Qwest all information necessary for the ordering (Billing, Directory Listing and other information), installation, repair, maintenance and post-installation servicing according to Qwest's standard procedures, as described in the Qwest Product Catalog (PCAT) available on Qwest's public web site located at <http://www.qwest.com/wholesale/pcat>. Information shall be provided using Qwest's designated Local Service Request (LSR) format which may include the LSR, End User Customer and resale forms.

6.4.3 Qwest will use the same performance standards and criteria for installation, Provisioning, maintenance, and repair of services provided to CLEC for resale under this Agreement as Qwest provides to itself, its Affiliates, its subsidiaries, other Resellers, and Qwest retail End User Customers. The installation, Provisioning, maintenance, and repair processes for CLEC's resale service requests are detailed in the Access to OSS Section of this Agreement, and are applicable whether CLEC's resale service requests are submitted via Operational Support System or by facsimile.

6.4.4 CLEC is responsible for providing to Qwest complete and accurate End User Customer Directory Listing information including initial and updated information for Directory Assistance Service, white pages directories, and E911/911 Emergency Services. The Ancillary Services Section of this Agreement contains complete terms and conditions for Directory Listings for Directory Assistance Services, white pages directories, and E911/911 Emergency Services.

6.4.5 If Qwest's retail End User Customer, or the End User Customer's New Service Provider orders the discontinuance of the End User Customer's existing Qwest service in anticipation of the End User Customer moving to a New Service Provider, Qwest will render its closing bill to the End User Customer, discontinuing Billing as of the date of the discontinuance

of Qwest's service to the End User Customer. If the Current Service Provider, or if the End User Customer's New Service Provider orders the discontinuance of existing resold service from the Current Service Provider, Qwest will bill the Current Service Provider for service through the date the End User Customer receives resold service from the Current Service Provider. Qwest will notify CLEC by Operational Support System interface, facsimile, or by other agreed-upon processes when an End User Customer moves from the Current Service Provider to a New Service Provider. Qwest will not provide the Current Service Provider with the name of the New Service Provider selected by the End User Customer.

6.4.6 CLEC shall provide Qwest and Qwest shall provide CLEC with points of contact for order entry, problem resolution and repair of the resold services. These points of contact will be identified for both CLEC and Qwest in the event special attention is required on a service request.

6.4.7 Prior to placing orders on behalf of the End User Customer, CLEC shall be responsible for obtaining and having in its possession Proof of Authorization (POA), as set forth in the POA Section of this Agreement.

6.4.8 Due Date intervals for CLEC's resale service requests are established when service requests are received by Qwest through Operational Support Systems or by facsimile. Intervals provided to CLEC shall be equivalent to intervals provided by Qwest to itself, its Affiliates, its subsidiaries, other Resellers, and to Qwest's retail End User Customers.

## **6.5 Billing**

6.5.1 Qwest shall bill CLEC and CLEC shall be responsible for all applicable charges for the resold services as provided herein. CLEC shall also be responsible for all Tariffed, cataloged, price listed, and other retail Telecommunications Services offerings charges and charges separately identified in this Agreement associated with services that CLEC resells to an End User Customer under this Agreement.

6.5.2 Qwest shall provide CLEC, on a monthly basis, within seven (7) to ten (10) calendar Days of the last day of the most recent Billing period, in an agreed upon standard electronic Billing format as detailed in Section 12.2.5, Billing information including (1) a summary bill, and (2) individual End User Customer sub-account information consistent with the samples available for CLEC review.

## **6.6 Maintenance and Repair**

6.6.1 Qwest will maintain its facilities and equipment used to provide CLEC resold services. CLEC or its End User Customers may not rearrange, move, disconnect or attempt to repair Qwest's facilities or equipment, including facilities or equipment that may terminate or be located at CLEC's End User Customer's premises, other than by connection or disconnection to any interface between Qwest and the End User Customer's facilities, without the written consent of Qwest.

6.6.2 Maintenance and Repair procedures are detailed in Section 12. Access to telephone numbers and Dialing Parity are discussed in Sections 13 and 14 respectively.

6.6.3 CLEC and Qwest will employ the procedures for handling misdirected repair calls as specified in Section 12.3.8 of this Agreement.



## **6.7 Commingling of Resold Services with Unbundled Network Elements and Combinations of Unbundled Network Elements**

6.7.1 To the extent it is Technically Feasible and pursuant to the terms of Section 9.1, CLEC may Comingle Telecommunications Services purchased on a resale basis with an Unbundled Network Element or combination of Unbundled Network Elements.

## Section 7.0 - INTERCONNECTION

### 7.1 Interconnection Facility Options

7.1.1 This Section describes the Interconnection of Qwest's network and CLEC's network for the purpose of exchanging Exchange Service (EAS/Local traffic), Exchange Access (IntraLATA Toll) and Jointly Provided Switched Access (InterLATA and IntraLATA) traffic. Qwest will provide Interconnection at any Technically Feasible point within its network, including but not limited to, (i) the Line Side of a local Switch (i.e., local switching); (ii) the Trunk Side of a local Switch, (iii) the trunk connection points for a Tandem Switch, (iv) Central Office Cross Connection points, (v) out-of-band Signaling Transfer Points necessary to exchange traffic at these points and access call-related databases, and (vi) points of access to Unbundled Network Elements. Section 9 of this Agreement describes Interconnection at points (i), (iv), (v), and (vi), although some aspects of these Interconnection points are described in Section 7. "Interconnection" is as described in the Act and refers, in this Section of the Agreement, to the connection between networks for the purpose of transmission and routing of Telephone Exchange Service traffic and Exchange Access traffic at points (ii) and (iii) described above. Interconnection, which Qwest currently names "Local Interconnection Service" (LIS), is provided for the purpose of connecting End Office Switches to End Office Switches or End Office Switches to local or Access Tandem Switches for the exchange of Exchange Service (EAS/Local traffic); or End Office Switches to Access Tandem Switches for the exchange of Exchange Access (IntraLATA Toll) or Jointly Provided Switched Access traffic. Qwest Tandem Switch to CLEC Tandem Switch connections will be provided where Technically Feasible. New or continued Qwest local Tandem Switch to Qwest Access Tandem Switch and Qwest Access Tandem Switch to Qwest Access Tandem Switch connections are not required where Qwest can demonstrate that such connections present a risk of Switch exhaust and that Qwest does not make similar use of its network to transport the local calls of its own or any Affiliate's End User Customers.

7.1.1.1 Qwest will provide to CLEC Interconnection at least equal in quality to that provided to itself, to any subsidiary, Affiliate, or any other party to which it provides Interconnection. Notwithstanding specific language in other sections of this Agreement, all provisions of this Agreement regarding Interconnection are subject to this requirement. Qwest will provide Interconnection under rates, terms and conditions that are just, reasonable and non-discriminatory. In addition, Qwest shall comply with all state wholesale and retail service quality requirements.

#### 7.1.2 Methods of Interconnection

The Parties will negotiate the facilities arrangement used to interconnect their respective networks. CLEC shall establish at least one (1) physical Point of Interconnection in Qwest territory in each LATA CLEC has local End User Customers. The Parties shall establish, through negotiations, at least one (1) of the following Interconnection arrangements, at any Technically Feasible point: (1) a DS1 or DS3 Qwest-provided facility; (2) Collocation; (3) negotiated Mid-Span Meet POI facilities; or (4) other Technically Feasible methods of Interconnection via the Bona Fide Request (BFR) process unless a particular arrangement has been previously provided to a third party, or is offered by Qwest as a product.

7.1.2.2 Collocation. Interconnection may be accomplished through the Collocation arrangements offered by Qwest. The terms and conditions under which Collocation will be available are described in Section 8 of this Agreement.

7.1.2.3 Mid-Span Meet POI. A Mid-Span Meet POI is a negotiated Point of Interface, limited to the Interconnection of facilities between one (1) Party's Switch and the other Party's Switch. The actual physical Point of Interface and facilities used will be subject to negotiations between the Parties. Each Party will be responsible for its portion of the build to the Mid-Span Meet POI. CLEC may not use remaining capability in an existing Mid-Span Meet POI to gain access to Unbundled Network Elements. These Mid-Span Meet POIs will consist of facilities used for the Provisioning of one-way or two-way local/IntraLATA and Jointly Provided Switched Access Interconnection trunks, as well as miscellaneous trunks such as Mass Calling Trunks, OS/DA, 911 and including any dedicated DS1, DS3 transport trunk groups used to provision originating CLEC traffic.

7.1.2.3.1 The Mid-Span Fiber Meet architecture requires each Party to own its equipment on its side of the Point of Interconnection (POI). CLECs may designate Mid-Span Fiber Meet as the target architecture, except in scenarios where it is not Technically Feasible or where the Parties disagree on midpoint location.

7.1.2.3.2 In a Mid-Span Fiber Meet the Parties agree to establish technical interface specifications for Fiber Meet arrangements that permit the successful Interconnection and completion of traffic routed over the facilities that interconnect at the Fiber Meet. CLEC is responsible for providing at its location the Fiber Optic Terminal (FOT) equipment, multiplexing, and fiber required to terminate the optical signal provided by Qwest. Qwest is responsible for providing corresponding FOT(s), multiplexing, and fiber required to terminate the optical signal provided by CLEC.

7.1.2.3.3 The Parties shall, wholly at their own expense, procure, install, and maintain the FOT(s) in each of their locations where the Parties establish a Fiber Meet with capacity sufficient to provision and maintain all trunk groups. The Parties shall mutually agree on the capacity of the FOT(s) to be utilized based on equivalent DS1s and DS3s necessary for transport of forecasted local Interconnection trunking. Each Party will also agree upon the optical frequency and wavelength necessary to implement the Interconnection.

7.1.2.4 Intentionally Left Blank.

7.1.2.5 Qwest agrees to provide local Interconnection trunk diversity to the same extent it does so in Qwest's local network.

## **7.2 Exchange of Traffic**

### **7.2.1 Description**

7.2.1.1 This Section 7.2 addresses the exchange of traffic between CLEC's network and Qwest's network. Where either Party interconnects and delivers traffic to the other from third parties, each Party shall bill such third parties the appropriate charges pursuant to its respective Tariffs or contractual offerings for such third party terminations. Unless otherwise agreed to by the Parties, via an amendment to this Agreement, the Parties will directly exchange traffic between their respective networks without the use of third party transit providers.

7.2.1.2 The traffic types to be exchanged under this Agreement include:

7.2.1.2.1 EAS/Local Exchange Service (EAS/Local) traffic as defined in this Agreement.

7.2.1.2.2 IntraLATA Toll Exchange Access (IntraLATA Toll) traffic as defined in this Agreement.

7.2.1.2.3 Jointly Provided Switched Access traffic is defined in Section 7.5.1. Jointly Provided Switched Access is associated with Meet-Point Billing.

7.2.1.2.4 Transit traffic is any traffic that originates from one (1) Telecommunications Carrier's network, transits another Telecommunications Carrier's network, and terminates to yet another Telecommunications Carrier's network. For purposes of the Agreement, transit traffic does not include traffic carried by Interexchange Carriers. That traffic is defined as Jointly Provided Switched Access. Transit service is provided by Qwest, as a local and Access Tandem Switch provider, to CLEC to enable the completion of calls originated by or terminated to another Telecommunications Carrier (such as another CLEC, an existing LEC, or a wireless Carrier), which is connected to Qwest's local or Access Tandem Switches. To the extent that CLEC's Switch functions as a local or Access Tandem Switch, as defined in this Agreement, CLEC may also provide transit service to Qwest.

7.2.1.2.5 Traffic having special Billing or trunking requirements includes, but is not limited to, the following:

- a) Directory Assistance;
- b) 911/E911;
- c) Operator Busy Line Verify/Busy Line Interrupt;
- d) Toll Free Services;
- e) ISP-bound traffic.

## 7.2.2 Terms and Conditions

7.2.2.1 Transport and Termination of Exchange Service (EAS/Local) Traffic.

7.2.2.1.1 Exchange Service (EAS/Local) traffic will be terminated as Local Interconnection Service (LIS).

7.2.2.1.2 As negotiated between the Parties, the transport of Exchange Service (EAS/Local) traffic may occur in several ways:

7.2.2.1.2.1 One-way or two-way trunk groups may be established. However, if either Party elects to provision its own one-way trunks for delivery of Exchange Service (EAS/Local) traffic to be terminated on the other Party's network, the other Party must also

provision its own one-way trunks to the extent that traffic volumes warrant. To the extent there is a dispute, Section 5.18 applies.

7.2.2.1.2.2 CLEC may purchase transport services from Qwest or from a third party, including a third party that has leased the private line transport service facility from Qwest. Such transport provides a transmission path for the LIS trunk to deliver the originating Party's Exchange Service EAS/Local traffic to the terminating Party's End Office Switch or Tandem Switch for call termination. Transport may be purchased from Qwest as Tandem Switch routed (i.e., tandem switching, tandem transmission and direct trunked transport) or direct routed (i.e., direct trunked transport). This Section is not intended to alter either Party's obligation under Section 251(a) of the Act.

7.2.2.1.3 When either Party utilizes the other Party's Tandem Switch for the exchange of local traffic, where there is a DS1's worth of traffic (512 CCS) between the originating Party's End Office Switch delivered to the other Party's Tandem Switch for delivery to one (1) of the other Party's End Office Switches, the originating Party will order a direct trunk group to the other Party's End Office Switch. To the extent that CLEC has established a Collocation arrangement at a Qwest End Office Switch location, and has available capacity, CLEC may, at its sole option, provide two-way direct trunk facilities from that End Office Switch to CLEC's Switch.

7.2.2.1.4 LIS ordered to a Tandem Switch will be provided as direct trunked transport between the Serving Wire Center of CLEC's POI and the Tandem Switch. Tandem transmission rates, as specified in Exhibit A of this Agreement, will apply to the transport provided from the Tandem Switch to Qwest's End Office Switch.

7.2.2.1.6 Regardless of the number of Location Routing Numbers (LRNs) used by a CLEC in a LATA, Qwest will route traffic destined for CLEC's End User Customers via direct trunking where direct trunking has been established. In the event that direct trunking has not been established, such traffic shall be routed via a Qwest Tandem Switch.

#### 7.2.2.2 Exchange Access (IntraLATA Toll) Traffic.

7.2.2.2.1 Exchange Access (IntraLATA Toll) traffic shall be delivered to Qwest at the Access Tandem Switch or via separate trunks to Qwest's End Office Switch(es), as designated by CLEC.

#### 7.2.2.3 Transit Traffic

7.2.2.3.1 Qwest will accept traffic originated by CLEC for termination to another CLEC, existing LEC, or wireless Carrier that is connected to Qwest's local and/or Access Tandem Switch. Qwest will also terminate traffic from these other Telecommunications Carriers to CLEC. For purposes of the Agreement, transit traffic does not include traffic carried by Interexchange Carriers. That traffic is defined as Jointly Provided Switched Access.

7.2.2.3.2 To the extent Technically Feasible, the Parties involved in transporting transit traffic will deliver calls to each involved network with CCS/SS7 protocol and the appropriate ISUP/TCAP messages to facilitate full Interoperability and Billing functions.

7.2.2.3.3 The originating company is responsible for payment of appropriate rates to the transit company and to the terminating company. The Parties agree to enter into traffic exchange agreements with third party Telecommunications Carriers prior to delivering traffic to be transited to third party Telecommunications Carriers. In the event one Party originates traffic that transits the second Party's network to reach a third party Telecommunications Carrier with whom the originating Party does not have a traffic exchange agreement, then the originating Party will indemnify, defend and hold harmless the second Party against any and all charges levied by such third party Telecommunications Carrier, including any termination charges related to such traffic and any attorneys fees and expenses. In the case of Exchange Access (IntraLATA Toll) traffic where Qwest is the designated IntraLATA Toll provider for existing LECs, Qwest will be responsible for payment of appropriate usage rates.

7.2.2.3.4 When Qwest receives an unqueried call from CLEC to a telephone number that has been ported to another local services provider, the transit rate will apply.

7.2.2.4 Jointly Provided Switched Access. The Parties will use industry standards developed to handle the Provisioning and Billing of Jointly Provided Switched Access (MECAB, MECOD, and the Parties' FCC and state access Tariffs). Each Party will bill the IXC the appropriate portion of its Switched Access rates. Qwest will also provide the one-time notification to CLEC of the billing name, billing address and Carrier identification codes of the IXCs subtending any Access Tandem Switches to which CLEC directly connects. This type of traffic is discussed separately in this Section.

7.2.2.5 Interface Code Availability. Supervisory signaling specifications, and the applicable network channel interface codes for LIS trunks can be found in the Qwest Technical Publication for Local Interconnection Service 77398.

#### 7.2.2.6 Switching Options

7.2.2.6.1 SS7 Out-of-Band Signaling. SS7 Out-of-Band Signaling is available for LIS trunks. SS7 Out-of-Band Signaling must be requested on the order for new LIS trunks. Common Channel Signaling Access Capability Service may be obtained through the following options: (a) under Qwest Intrastate Access Tariffs; (b) as defined in the Qwest FCC Tariff # 1; or (c) from a third party signaling provider. Each of the Parties, Qwest and CLEC, will provide for Interconnection of their signaling network for the mutual exchange of signaling information in accordance with the industry standards as described in Telcordia documents, including but not limited to GR-905 CORE, GR-954 CORE, GR-394 CORE and Qwest Technical Publication 77342.

7.2.2.6.2 Clear Channel Capability. Clear Channel Capability (64CCC) permits 24 DS0-64 Kbps services or 1.536 Mbps of information on the 1.544 Mbps/s line rate. 64CCC is available for LIS trunks equipped with SS7 Out-of-

Band Signaling. 64CCC must be requested on the order for new LIS trunks. Qwest will provide CLEC with a listing of Qwest Switches fully capable of routing 64CCC traffic through the Qwest web site: <http://www.qwest.com/disclosures>. Where available to Qwest, Qwest will provide CLEC with the same 64CCC on an alternate route or if necessary via an overlay network.

7.2.2.6.3 MF Signaling. Interconnection trunks with MF signaling may be ordered by CLEC if the Qwest Central Office Switch does not have SS7 capability or if the Qwest Central Office Switch does not have SS7 diverse routing.

7.2.2.7 Measurement of terminating Local Interconnection Service (LIS) minutes begins when the terminating LIS entry Switch receives answer supervision from the called End User Customer's End Office Switch indicating the called End User Customer has answered. The measurement of terminating call usage over LIS trunks ends when the terminating LIS entry Switch receives disconnect supervision from either the called End User Customer's End Office Switch, indicating the called End User Customer has disconnected, or CLEC's Point of Interconnection, whichever is recognized first by the entry Switch. This is commonly referred to as "conversation time." The Parties will only charge for actual minutes of use and/or fractions thereof of completed calls. Minutes of use are aggregated at the end of the Billing cycle by End Office Switch and rounded to the nearest whole minute.

#### 7.2.2.8 LIS Forecasting

7.2.2.8.1 Both CLEC and Qwest shall work in good faith to define a mutually agreed upon forecast of LIS trunking.

7.2.2.8.2 Both Parties shall have the obligation to participate in joint planning meetings at semi-annual intervals to establish trunk design and Provisioning requirements. The Parties agree to provide mutual trunk forecast information to ensure End User Customer call completion between the Parties' networks. Such forecasts shall be for LIS trunking that impacts the Switch capacity and facilities of each Party. Qwest shall provide trunk group specific projections to CLEC on or before the date of the joint planning meeting.

7.2.2.8.3 Switch capacity growth requiring the addition of new switching modules may require six (6) months to order and install. To align with the timeframe needed to provide for the requested facilities, including engineering, ordering, installation and make ready activities, for capacity growth, Qwest will utilize CLEC's semi-annual forecasts and near-term demand submitted on Unforecast Demand Notification Forms to ensure availability of Switch capacity.

7.2.2.8.4 The forecast will identify trunking requirements for a two (2) year period. From the semi-annual close date as outlined in the forecast cycle, the receiving Party will have one (1) month to determine network needs and place vendor orders which may require a six (6) month interval to complete the network build. Seven (7) months after submission of the forecast, Qwest will have the necessary capacity in place to meet orders against the forecast. For ordering information see Section 7.4. See also Section 7.2.2.8.6.

7.2.2.8.5 Both Parties will follow the forecasting and Provisioning requirements of this Agreement for the appropriate sizing of trunks, and use of direct End Office Switch vs. Tandem Switch routing. See Section 7.2.2.1.3.

7.2.2.8.6 LIS Forecasting Deposits: Three (3) weeks after a forecasting cycle, Qwest will provide CLEC feedback regarding CLEC's forecast, in the form of a potentially lower forecast. Qwest may only forecast lower than a CLEC's forecast to account for specific existing CLEC trunk groups reflected in CLEC's forecast that are underutilized. For purposes of this Section 7.2.2.8.6, a trunk group is underutilized if in each of the preceding eighteen (18) months, trunks required is less than fifty percent (50%) of trunks in service each month for such trunk group that has not been appropriately augmented during the period. Ancillary trunk groups, such as mass calling and 911, are excluded from the consideration.

7.2.2.8.6.1 In the event Qwest's forecast is lower than CLEC's forecast, Qwest will make capacity available in accordance with the CLEC's higher forecast if CLEC provides Qwest with a deposit relating to trunks forecasted for the underutilized trunk groups according to the following terms. As to the difference between the lower and higher forecast, Qwest reserves the right to require, prior to construction, a refundable deposit of up to one hundred percent (100%) of the trunk-group-specific estimated cost to provision the new trunks in the underutilized trunk groups.

7.2.2.8.6.1.1 Qwest will return the full deposit for each trunk group where CLEC's trunk-group specific busy-hour average trunks required to trunks in-service (utilization) ratio meets or exceeds fifty percent (50%) for any one of the six (6) months after the end of the forecasting period to which the deposit applies. Qwest shall provide CLEC with a refund of half of the deposit for each trunk group where CLEC's trunks required to trunks in service (utilization) ratio for such trunk group(s) is at least twenty-five percent (25%) for any one of the six months after the end of the forecasting period to which the deposit applies.

7.2.2.8.6.1.2 For each trunk group that does not achieve the fifty percent (50%) utilization within six (6) months, Qwest may retain the portion of the deposit attributable to such trunk groups to cover Qwest's capital cost of provisioning the trunks in such groups.

7.2.2.8.6.1.3 Qwest hereby guarantees the timely availability, of forecasted trunks for which CLEC paid a deposit. In the event Qwest does not have available facilities to provision Interconnection trunking orders that CLEC forecasted and for which CLEC provided a deposit, Qwest will immediately refund to CLEC all deposit amounts paid to Qwest in connection with the forecast under which such unavailable facilities were forecasted.



7.2.2.8.6.2 Where there is a reasonably reliable basis for doing so, Qwest shall include in the trunks-required calculation any usage by others, including but not limited to Qwest itself, of facilities for which CLEC has made deposit payments. Qwest shall not be required to credit such usage more than once in all the trunks-required calculations it must make for all CLECs in the relevant period.

7.2.2.8.7 Joint planning meetings will be used to bring clarity to the process. Each Party will provide adequate information associated with the Qwest LIS Trunk Forecast Forms in addition to its forecasts. During the joint planning meetings, both Parties shall provide information on major network projects anticipated for the following year that may impact the other Party's forecast or Interconnection requirements. No later than two (2) weeks prior to the joint planning meetings, the Parties shall exchange information to facilitate the planning process. Qwest shall provide CLEC a report reflecting then current spare capacity at each Qwest Switch that may impact the Interconnection traffic. Qwest shall also provide a report reflecting then current blocking of local direct and alternate final trunk groups, Interconnection and non-Interconnection alike. CLEC will be provided Interconnection trunk group data on its own trunks. Qwest shall also provide a report reflecting Tandem Switch routed Interconnection trunking that has exceeded 512BHCCS. The information is Proprietary, provided under non-disclosure and is to be used solely for Interconnection network planning.

7.2.2.8.8 In addition to the above information, CLEC shall provide:

- a) Completed Qwest LIS Trunk Forecast Forms; and
- b) Any planned use of an alternate Tandem Switch provider.

7.2.2.8.9 In addition to the above information, the following information will be available through the Local Exchange Routing Guide or the Interconnections (ICONN) Database. The LERG is available through Telcordia. ICONN is available through the Qwest Web site.

- a) Qwest Tandem Switches and Qwest End Office Switches (LERG);
- b) CLLI codes (LERG);
- c) Business/Residence line counts (ICONN);
- d) Switch type (LERG or ICONN); and
- e) Current and planned Switch generics (ICONN).

Qwest will notify CLEC six (6) months prior to LERG amendment, the anticipation of a new local Tandem Switch.

7.2.2.8.10 Qwest network disclosure of deployment information for specific technical capabilities (e.g., ISDN deployment, 64 CCC, etc.) shall be provided on Qwest's web site, <http://www.qwest.com/disclosures>.

7.2.2.8.11 When appropriate, Qwest will notify CLEC through the Qwest Trunk Group Servicing Request (TGSR) process of the need to take action and place orders in accordance with the forecasted trunk requirements. CLEC shall respond to the TGSR within ten (10) business days of receipt.

7.2.2.8.12 The following terms shall apply to the forecasting process:

7.2.2.8.12.1 CLEC forecasts may be provided to Qwest as detailed in Qwest's Trunk Forecast Form;

7.2.2.8.12.2 CLEC forecasts provided to Qwest, information provided by CLEC to Qwest outside of the normal forecasting process to modify the forecast, and forecasting information disclosed by Qwest to CLEC shall be deemed Confidential Information and the Parties may not distribute, disclose or reveal, in any form, this material other than as allowed and described in subsections 5.16.9.1 and 5.16.9.2.

7.2.2.8.13 If a trunk group is consistently utilized (trunks-required over trunks-in-service) at less than fifty percent (50%) of rated busy-hour capacity each month of any consecutive three (3) month period, Qwest will notify CLEC of Qwest's desire to resize the trunk group. Such notification shall include Qwest's information on current utilization levels. If CLEC does not submit an ASR to resize the trunk group or provide Qwest with its reasons for maintaining excess capacity within thirty (30) calendar Days of the written notification, Qwest may reclaim the unused facilities and rearrange the trunk group. When reclamation does occur, Qwest shall not leave the CLEC-assigned trunk group with less than twenty-five percent (25%) excess capacity. Ancillary trunk groups are excluded from this treatment.

7.2.2.8.14 Intentionally Left Blank.

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

7.2.2.8.16 Interconnection facilities provided on a route that involves extraordinary circumstances may be subject to the Construction Charges, as detailed in Section 19 of this Agreement. When Qwest claims extraordinary circumstances exist, it must apply to the Commission for approval of such charges by showing that CLEC alone is the sole cause of such construction. Qwest shall initiate such proceeding within ten (10) calendar Days of notifying CLEC in writing that it will not construct the requested facilities, or within ten (10) calendar Days of notice from CLEC in writing that Qwest must either commence construction of the facilities or initiate such proceeding with the Commission. In this proceeding, Qwest shall not object to using the most expeditious procedure available under state law, rule or regulation. Qwest shall be relieved of its obligation of constructing such facilities during the pendency of the proceeding before the Commission. If the Commission approves such charges, Qwest and CLEC will share costs in proportion to each Party's use of the overall capacity of the route involved. Qwest and CLEC may also choose to work in good faith to identify and locate alternative routes that can be used to accommodate CLEC forecasted build. Extraordinary circumstances include, but are not limited to,

natural obstructions such as lakes, rivers, or steep terrain, and legal obstructions such as governmental, federal, Native American or private rights of way. The standard Qwest forecast period of six (6) months may not apply under these circumstances. Construction Charges shall not apply in the event that construction is an augment of an existing route.

#### 7.2.2.9 Trunking Requirements

7.2.2.9.1 The Parties will provide designed Interconnection facilities that meet the same technical criteria and service standards, such as probability of blocking in peak hours and transmission standards, in accordance with current industry standards, state requirements and standards provided for in the ROC and incorporated herein by reference.

7.2.2.9.1.1 Qwest shall provide monthly reports to CLEC on all Interconnection trunk groups and quarterly reports on all interoffice trunk groups carrying EAS/Local traffic between Qwest Tandem Switches and Qwest End Office Switches. The reports will contain busy hour traffic data, including but not limited to, overflow and the number of trunks in each trunk group.

7.2.2.9.2 Intentionally Left Blank.

7.2.2.9.3 Separate trunk groups may be established based on Billing, signaling, and network requirements. The following is the current list of traffic types that require separate trunk groups, unless specifically otherwise stated in this Agreement.

- a) Directory Assistance trunks (where the Switch type requires separation from operator services trunks);
- b) 911/E911 trunks;
- c) Operator services trunks (where the Switch type requires separation from Directory Assistance trunks);
- d) Mass calling trunks, if applicable.

7.2.2.9.3.1 Exchange Service (EAS/Local), ISP-Bound Traffic, Exchange Access (IntraLATA Toll carried solely by Local Exchange Carriers), and Jointly Provided Switched Access (InterLATA and IntraLATA Toll involving a third party IXC) may be combined in a single LIS trunk group or transmitted on separate LIS trunk groups. If traffic is combined, Section 7.3.9 of this Agreement applies.

7.2.2.9.4 Trunk group connections will be made at a DS1 or multiple DS1 level for exchange of EAS/Local, and IntraLATA Toll/Jointly Provided Switched Access traffic. Directory Assistance, 911/E911, operator Busy Line Interrupt and Busy Line Verify; and Toll Free Service trunk groups may be made below a DS1 level, as negotiated.

7.2.2.9.5 The Parties will provide Common Channel Signaling (CCS) to one another in conjunction with all trunk circuits, except as provided below.

a) The Parties will provision all trunking using SS7/CCS capabilities. Redundant MF signaling networks will not be provided unless specifically called for in this Agreement. Exceptions to this arrangement would be limited to operator services trunking, Directory Assistance trunking, 911 trunking and any others currently available in the Qwest network only on MF signaling. Qwest will not require a Bona Fide Request to accomplish Interconnection with a Qwest Central Office Switch not currently equipped for SS7 and where MF signaling is used. When the SS7/CCS option becomes available in the Qwest network for said trunking, the Parties will provision new trunks using SS7. In addition, the Parties will jointly work to convert existing trunking to SS7, as appropriate.

b) When the Parties interconnect via CCS for Jointly Provided Switched Access Service, the Tandem Switch provider will provide MF/CCS interworking as required for Interconnection with Interexchange Carriers who use MF signaling.

7.2.2.9.7 To the extent Qwest is using a specific End Office Switch to deliver limited Tandem Switch functionality to itself, a wireless service provider, another CLEC, or another ILEC, it will arrange the same trunking for CLEC.

7.2.2.9.8 Alternate Traffic Routing. If CLEC has a LIS arrangement which provides two (2) paths to a Qwest End Office Switch (one (1) route via a Tandem Switch and one (1) direct route), CLEC may elect to utilize alternate traffic routing. CLEC traffic will be offered first to the direct trunk group (also referred to as the "primary high" route) and then overflow to the Tandem Switch group (also referred to as the "alternate final" route) for completion to Qwest End Office Switches.

7.2.2.9.9 Host-Remote. When a Qwest Wire Center is served by a remote End Office Switch, CLEC may deliver traffic to the host Central Office or to the Tandem Switch. CLEC may deliver traffic directly to the remote End Office Switch only to the extent Qwest has arranged similar trunking for itself or others. For remote Switches that currently lack direct trunking capability, Qwest will accept Bona Fide Requests for Trunk Side access.

#### 7.2.2.10 Testing

7.2.2.10.1 Acceptance Testing. At the time of installation of a LIS trunk group, and at no additional charge, acceptance tests will be performed to ensure that the service is operational and meets the applicable technical parameters.

#### 7.2.2.10.2 Testing Capabilities

7.2.2.10.2.1 LIS Acceptance Testing is provided where equipment is available, with the following test lines: seven-digit access to balance (100 type), milliwatt (102 type), nonsynchronous or synchronous, automatic transmission measuring (105 type), data transmission (107

type), loop-around, short circuit, open circuit, and non-inverting digital loop-back (108 type), and such other acceptance testing that may be needed to ensure that the service is operational and meets the applicable technical parameters.

7.2.2.10.2.2 In addition to LIS acceptance testing, other tests are available (e.g., additional cooperative acceptance testing, automatic scheduled testing, cooperative scheduled testing, manual scheduled testing, and non-scheduled testing) at the applicable Qwest Tariff rates. Testing fees will be paid by CLEC when requesting this type of testing.

7.2.2.10.3 Repair Testing. At the time of repair of a LIS trunk group, at no additional charge, tests will be performed to ensure that the service is operational and meets the applicable technical parameters.

7.2.2.11 Mileage Measurement. Where required, the mileage measurement for LIS rate elements is determined in the same manner as the mileage measurement for V&H methodology as outlined in NECA Tariff No. 4.

## 7.3 Reciprocal Compensation

### 7.3.1 Interconnection Facility Options

The Reciprocal Compensation provisions of this Agreement shall apply to the exchange of Exchange Service (EAS/Local) traffic between CLEC's network and Qwest's network. Where either Party acts as an IntraLATA Toll provider, each Party shall bill the other the appropriate charges pursuant to its respective tariff or price lists. Where either Party interconnects and delivers traffic to the other from third parties, each Party shall bill such third parties the appropriate charges pursuant to its respective tariffs, price lists or contractual offerings for such third party terminations. Absent a separately negotiated agreement to the contrary, the Parties will directly exchange traffic between their respective networks without the use of third party transit providers.

#### 7.3.1.1 Entrance Facilities.

7.3.1.1.1 Recurring and nonrecurring rates for Entrance Facilities are specified in Exhibit A and will apply for those DS1 or DS3 facilities dedicated to use by LIS.

7.3.1.1.2 If CLEC chooses to use an existing facility purchased as private line transport service from the Qwest state or FCC access Tariffs, the rates from those Tariffs will apply.

7.3.1.1.3 If the Parties elect to establish LIS two-way trunks, for reciprocal exchange of Exchange Service (EAS/Local) traffic, the cost of the LIS two-way facilities shall be shared among the Parties by reducing the LIS two-way Entrance Facility (EF) rate element charges as follows:

#### 7.3.1.2 Collocation

7.3.1.2.1 See Section 8.

## 7.3.2 Direct Trunked Transport

7.3.2.1 Either Party may elect to purchase direct trunked transport from the other Party.

7.3.2.1.1 Direct trunked transport (DTT) is available between the Serving Wire Center of the POI and the terminating Party's Tandem Switch or End Office Switches. The applicable rates are described in Exhibit A. DTT facilities are provided as dedicated DS3, DS1 or DS0 facilities.

7.3.2.1.2 When DTT is provided to a local or Access Tandem Switch for Exchange Service (EAS/Local) traffic, or to an Access Tandem Switch for Exchange Access (IntraLATA Toll), or Jointly Provided Switched Access traffic, the applicable DTT rate elements apply between the Serving Wire Center and the Tandem Switch. Additional rate elements for delivery of traffic to the terminating End Office Switch are tandem switching and tandem transmission. These rates are described below.

7.3.2.1.3 Mileage shall be measured for DTT based on V&H coordinates between the Serving Wire Center and the local/Access Tandem Switch or End Office Switch.

7.3.2.1.4 Fixed Charges per DS0, DS1 or DS3 and per mile charges are defined for DTT in Exhibit A of this Agreement.

7.3.2.2 If the Parties elect to establish LIS two-way DTT trunks, for reciprocal exchange of Exchange Service (EAS/Local) traffic, the cost of the LIS two-way DTT facilities shall be shared among the Parties by reducing the LIS two-way DTT rate element charges as follows:

7.3.2.3 Multiplexing options (DS1/DS3 MUX or DS0/DS1 MUX) are available at rates described in Exhibit A.

## 7.3.3 Trunk Nonrecurring charges

7.3.3.1 Installation nonrecurring charges may be assessed by the provider for each LIS trunk ordered. Qwest rates are specified in Exhibit A.

7.3.3.2 Nonrecurring charges for rearrangement may be assessed by the provider for each LIS trunk rearrangement ordered, at one-half (1/2) the rates specified in Exhibit A.

## 7.3.4 Exchange Service (EAS/Local) Traffic

### 7.3.4.1 End Office Switch Call Termination

7.3.4.1.1 The per minute of use call termination rates as described in Exhibit A of this Agreement will apply reciprocally for Exchange Service (EAS/Local) traffic terminated at a Qwest or CLEC End Office Switch.

7.3.4.1.2 For purposes of call termination, CLEC Switch(es) shall be

treated as End Office Switch(es) unless CLEC's Switch(es) meet the definition of a Tandem Switch in this Agreement in the Definitions Section.

7.3.4.1.3 Intentionally Left Blank.

7.3.4.1.4 Neither Party shall be responsible to the other for call termination charges associated with third party traffic that transits such Party's network.

#### 7.3.4.2 Tandem Switched Transport

7.3.4.2.1 For traffic delivered through a Qwest or CLEC Tandem Switch (as defined in this Agreement), the tandem switching rate and the tandem transmission rate in Exhibit A shall apply per minute in addition to the End Office Switch call termination rate described above.

7.3.4.2.2 Mileage shall be measured for the tandem transmission rate elements based on V&H coordinates between the Tandem Switch and terminating End Office Switch.

7.3.4.2.3 When a Party terminates traffic to a remote Switch, tandem transmission rates will be applied for the V&H mileage between the host Switch and the remote Switch when the identity of each is filed in the NECA 4 Tariff.

7.3.4.2.4 When Qwest receives an unqueried call from CLEC to a number that has been ported to another Switch within the EAS/Local Calling Area, and Qwest performs the query, mileage sensitive tandem transmission rates will apply which reflect the distance to the End Office Switch to which the call has been ported.

7.3.4.2.4.1 To determine the responsible originating Carrier of unqueried calls for purposes of identification of the Carrier to bill LNP query charges, Qwest and CLEC are required to utilize the Number Portability Administration Center (NPAC) database, or another database that is supported by OBF.

7.3.4.3 Intentionally Left Blank.

7.3.4.4 CLEC may choose one (1) of the following two (2) options for the exchange of traffic subject to §251(b)(5) of the Act ("§251(b)(5) Traffic") (See Exhibit J):

7.3.4.4.1 The rates applicable to §251(b)(5) Traffic between Qwest and CLEC shall be the same as the rates established for ISP-bound traffic pursuant to Section 7.3.6.2.3. Such rate for ISP-bound traffic will apply to §251(b)(5) Traffic in lieu of End Office Switch Call Termination rates, and Tandem Switched Transport rates.

7.3.4.4.2 The compensation rate for §251(b)(5) Traffic shall be as established by the Commission. The Parties shall cooperate in establishing a process by which §251(b)(5) Traffic and ISP-bound traffic will be identified in order to compensate one another at the appropriate rates and in a prompt

manner (See Section 7.3.6).

### 7.3.5 Miscellaneous Charges

7.3.5.1 Cancellation charges will apply to cancelled LIS trunk orders, based upon the critical dates, terms and conditions in accordance with the Access Service Tariff Section 5.2.3, and the trunk nonrecurring charges referenced in this Agreement.

7.3.5.2 Expedites for LIS trunk orders are allowed only on an exception basis with executive approval within the same timeframes as provided for other designed services. When expedites are approved, expedite charges will apply to LIS trunk orders based on rates, terms and conditions described in Exhibit A.

7.3.5.3 Intentionally Left Blank.

### 7.3.6 ISP-Bound Traffic

7.3.6.1 Qwest elects to exchange ISP-bound traffic at the FCC ordered rates pursuant to the FCC's Order on Remand and Report and Order (Intercarrier Compensation for ISP-Bound Traffic) CC Docket 01-131 (FCC ISP Order), effective June 14, 2001. While the subsections of this Section 7.3.6 reference dates that precede the Effective Date, the Parties agree that the terms of such subsections apply on a prospective basis, commencing with the Effective Date. If the Parties were exchanging traffic prior to the Effective Date, then for such period prior to the Effective Date, the Parties agree to be bound by the terms and conditions of the FCC ISP order as such order applies to the Interconnection Agreement (1) that was in effect between the Parties when such order was adopted, and (2) pursuant to which the Parties were exchanging such traffic.

7.3.6.2 The following usage-based compensation applies if Qwest and CLEC were exchanging traffic pursuant to an interconnection agreement as of the FCC's adoption of the FCC ISP Order, April 18, 2001:

7.3.6.2.1 Identification of ISP-bound traffic -- The Parties will presume traffic delivered to a Party that exceeds a 3:1 ratio of terminating to originating traffic is ISP-bound traffic. Either Party may rebut this presumption by demonstrating the factual ratio to the state Commission.

7.3.6.2.2 Growth Ceilings for ISP-Bound Traffic -- Intercarrier compensation for ISP-bound traffic will be subject to growth ceilings. ISP-bound MOUs exceeding the growth ceiling will be subject to bill and keep compensation.

7.3.6.2.2.1 Intentionally Left Blank.

7.3.6.2.2.2 For 2002 and subsequent years, until further FCC action on intercarrier compensation, a Party will pay for ISP-bound minutes up to the ceiling equal to the minutes for which it was responsible for payment to the other Party in 2001, plus another ten percent (10%) growth factor.



7.3.6.2.3 Rate Caps -- ISP-bound traffic exchanged between Qwest and CLEC will be billed in accordance with a state Commission-ordered compensation rate, or as follows, whichever rate is lowest:

7.3.6.2.3.1 Intentionally Left Blank.

7.3.6.2.3.2 Intentionally Left Blank.

7.3.6.2.3.3 \$.0007 per MOU from June 14, 2003 through June 14, 2004, or until further FCC action on intercarrier compensation, whichever is later.

7.3.6.3 In the event CLEC and Qwest were not exchanging traffic pursuant to an Interconnection Agreement prior to adoption of the FCC ISP Order on April 18, 2001, CLEC and Qwest will exchange ISP-bound traffic on a bill and keep basis until further FCC action on intercarrier compensation. This includes CLEC expansion into a market it previously had not served.

### 7.3.7 Transit Traffic

The following rates will apply:

7.3.7.1 Exchange Service and Information Service Transit: The applicable LIS tandem switching and tandem transmission rates at the assumed mileage contained in Exhibit A of this Agreement, apply to the originating Party. The assumed mileage will be modified to reflect actual mileage, where the mileage can be measured, based on negotiations between the Parties.

7.3.7.2 IntraLATA Toll Transit: The applicable Qwest Tariffed Switched Access tandem switching and tandem transmission rates apply to the originating CLEC or LEC. The assumed mileage contained in Exhibit A of this Agreement shall apply.

7.3.7.3 Jointly Provided Switched Access: The applicable Switched Access rates will be billed by the Parties to the IXC based on MECAB guidelines and each Party's respective FCC and state access tariffs.

7.3.8 Signaling Parameters: Qwest and CLEC are required to provide each other the proper signaling information (e.g., originating Calling Party Number and destination called party number, etc.) per 47 CFR 64.1601 to enable each Party to issue bills in a complete and timely fashion. All CCS signaling parameters will be provided including Calling Party Number (CPN), Originating Line Information Parameter (OLIP) on calls to 8XX telephone numbers, calling party category, Charge Number, etc. All privacy indicators will be honored. If either Party fails to provide CPN (valid originating information), and cannot substantiate technical restrictions (i.e., MF signaling) such traffic will be billed as Switched Access. Traffic sent to the other Party without CPN (valid originating information) will be handled in the following manner. The transit provider will be responsible for only its portion of this traffic, which will not exceed more than five percent (5%) of the total Exchange Service (EAS/Local) and Exchange Access (IntraLATA Toll) traffic delivered to the other Party. The Switch owner will provide to the other Party, upon request, information to demonstrate that Party's portion of no-CPN traffic does not exceed five percent (5%) of the total traffic delivered. The Parties will coordinate and exchange data as necessary to determine the cause of the CPN failure and to assist its correction.

7.3.9 To the extent a Party combines Exchange Service (EAS/Local), Exchange Access (IntraLATA Toll carried solely by Local Exchange Carriers), and Jointly Provided Switched Access (InterLATA and IntraLATA calls exchanged with a third party IXC) traffic on a single LIS trunk group, the originating Party, at the terminating Party's request will declare quarterly PLU(s). Such PLUs will be verifiable with either call summary records utilizing Calling Party Number information for jurisdictionalization or call detail samples. The terminating Party should apportion per minute of use (MOU) charges appropriately.

## 7.4 Ordering

7.4.1 When ordering LIS, the ordering Party shall specify requirements on the Access Service Request (ASR): 1) the type and number of Interconnection facilities to terminate at the Point of Interconnection in the Serving Wire Center; 2) the type of interoffice transport, (i.e., direct trunked transport or tandem switched transport); 3) the number of Ports to be provisioned at an End Office Switch or local Tandem Switch; and 4) any optional features. When the ordering Party requests facilities, routing, or optional features different than those determined to be available, the Parties will work cooperatively in determining an acceptable configuration, based on available facilities, equipment and routing plans.

7.4.2 For each NXX Code assigned to CLEC by the NANPA, CLEC will provide Qwest with the CLLI codes of the Qwest Tandem Switches and CLEC's Point of Interface to which traffic associated with the NXX will be routed. For NXX Codes assigned to existing LIS trunk groups, CLEC will also provide Qwest with the Qwest assigned two-six code (TGSN) to which each NXX will be routed. Information that is not currently available in the LERG may be provided via the NPA NXX Code Request Routing Form available on the Qwest web site:

[http://www.qwest.com/wholesale/notices/npa\\_nxxProcess.html](http://www.qwest.com/wholesale/notices/npa_nxxProcess.html).

Either Party shall respond to a special request for a NPA NXX Code Request Routing Form when a single Switch is served by multiple trunk groups.

7.4.3 When either Party has ordered a DS3 Entrance Facility or private line facility, that Party will order the appropriate DS1 facility required and identify the channels of the DS3 to be used to provide circuit facility assignments (CFA). Also, if either Party has provided or ordered a DS1 Entrance Facility or private line facility, that Party will be responsible for identification of the DS0 channels of the DS1 private line to be used to provide CFA.

7.4.4 A joint planning meeting will precede initial trunking orders. These meetings will result in agreement and commitment that both Parties can implement the proposed plan and the transmittal of Access Service Requests (ASRs) to initiate order activity. The Parties will provide their best estimate of the traffic distribution to each End Office Switch subtending the Tandem Switch.

7.4.6 Service intervals and Due Dates for initial establishment of trunking arrangements at each new Switch location of Interconnection between the Parties will be determined on an Individual Case Basis.

7.4.7 Qwest will establish intervals for the provision of LIS trunks that conform to the performance objectives set forth in Section 20. Qwest will provide notice to CLEC of any changes to the LIS trunk intervals consistent with the Change Management Process (CMP)

applicable to the PCAT. Operational processes within Qwest work centers are discussed as part of the CMP. Qwest agrees that CLEC shall not be held to the requirements of the PCAT.

7.4.8 The ordering Party may cancel an order at any time prior to notification that service is available. If the ordering Party is unable to accept service within thirty (30) calendar Days after the Service Date, the provider has the following options:

- a) The order will be canceled; cancellation charges as noted in 7.3.5.1 apply unless mutually agreed to by the Parties;
- b) Intentionally Left Blank.
- c) Billing for the service will commence.

In such instances, the cancellation date or the date Billing is to commence, depending on which option is selected, will be the 31<sup>st</sup> calendar Day beyond the Service Date.

## 7.5 Jointly Provided Switched Access Services

7.5.1 Jointly Provided Switched Access Service is defined and governed by the FCC and state access Tariffs, Multiple Exchange Carrier Access Billing (MECAB) and Multiple Exchange Carrier Ordering and Design (MECOD) Guidelines, and is not modified by any provisions of this Agreement. Both Parties agree to comply with such guidelines.

7.5.2 Qwest will agree to function as the Access Service Coordinator (ASC) as defined in the Multiple Exchange Carrier Ordering and Design Guidelines (MECOD) (Technical Reference SR-TAP-000984). Qwest will provide the operational, technical and administrative support required in the planning, Provisioning and maintenance involved in the joint access Provisioning process to the IXCs. Qwest will be unable to fulfill the role of ASC if CLEC does not fully comply with MECOD requirements, including filing CLEC's End Office Switches and billed percentages (BPs) in the NECA 4 Tariff.

7.5.3 Qwest and CLEC will each render a separate bill to the IXC, using the multiple bill, multiple tariff option.

7.5.4 A charge will apply for Category 11-01-XX and 11-50-XX records sent in an EMR mechanized format. These records are used to provide information necessary for each Party to bill the Interexchange Carrier for Jointly Provided Switched Access Services and 8XX database queries. The charge for each Billable Record created and transmitted is listed in Exhibit A of this Agreement.

## 7.6 Transit Records

7.6.1 Qwest and CLEC will exchange wireline network usage data originated by a wireline Local Exchange Carrier (LEC) where the NXX resides in a wireline LEC Switch, transits Qwest's network, and terminates to CLEC's network. Each Party agrees to provide to the other this wireline network usage data when Qwest or CLEC acts as a transit provider currently or in the future. The Parties understand that this information is Carrier protected information under §222 of the Communications Act and shall be used solely for the purposes of Billing the wireline LEC. CLEC will provide to Qwest information to be able to provide transit records on a mechanized basis when Technically Feasible. This includes, but is not limited to: service center

information, operating company number, and state jurisdiction. Qwest and CLEC agree to exchange wireline network usage data as Category 11-01-XX.

7.6.2 Qwest and CLEC will exchange wireless network usage data originated by a Wireless Service Provider (WSP) where the NXX resides in a WSP Switch, transits Qwest's network, and terminates to CLEC's network. Each Party agrees to provide to the other this wireless network usage data when Qwest or CLEC acts as a transit provider currently or in the future. The Parties understand that this information is Carrier protected information under §222 of the Communications Act and shall be used solely for the purposes of Billing the WSP. CLEC will provide to Qwest information to be able to provide transit records on a mechanized basis when Technically Feasible. This includes, but is not limited to: service center information, operating company number and state jurisdiction. Qwest and CLEC agree to exchange wireless network usage data as Category 11-01-XX.

7.6.3 A charge will apply for Category 11-01-XX records sent in an EMR mechanized format. These records are used to provide information necessary for each Party to bill the originating Carrier for transit when Technically Feasible. The charge for each Billable Record created and transmitted is listed in Exhibit A of this Agreement.

## **7.7 Local Interconnection Data Exchange for Billing**

7.7.1 There are certain types of calls or types of Interconnection that require exchange of Billing records between the Parties, including, for example, alternate billed and Toll Free Service calls. The Parties agree that all call types must be routed between the networks, accounted for, and settled among the Parties. Certain calls will be handled via the Parties' respective operator service platforms. The Parties agree to utilize, where possible and appropriate, existing accounting and settlement systems to bill, exchange records and settle revenue.

7.7.2 The exchange of Billing records for alternate billed calls (e.g., calling card, bill-to-third-number and collect) will be distributed through the existing CMDS processes, unless otherwise separately agreed to by the Parties.

7.7.3 Inter-Company Settlements (ICS) revenues will be settled through the Calling Card and Third Number Settlement System (CATS). Each Party will provide for its own arrangements for participation in the CATS processes, through direct participation or a hosting arrangement with a direct participant.

7.7.4 Non-ICS revenue is defined as IntraLATA collect calls, calling card calls, and billed to third number calls which originate on one (1) service provider's network and are billed by another service provider located within the same Qwest geographic specific region. The Parties agree to negotiate and execute an agreement for settlement of non-ICS revenue. This separate arrangement is necessary since existing CATS processes do not permit the use of CATS for non-ICS revenue. The Parties agree that current message distribution processes, including the CMDS system or Qwest in-region facilities, can be used to transport the call records for this traffic.

7.7.5 Both Parties will provide the appropriate call records to the IntraLATA Toll Free Service provider, thus permitting the service provider to bill its End User Customers for the inbound Toll Free Service. No adjustments to bills via tapes, disks or Network Data Mover (NDM) will be made without the mutual agreement of the Parties.

## Section 8.0 - COLLOCATION

### 8.1 Description

8.1.1 Collocation allows for the placing of equipment by CLEC at Qwest's Premises, where Technically Feasible, that is necessary for accessing Unbundled Network Elements (UNEs), ancillary services or Interconnection. Collocation includes the leasing to CLEC of physical space in Qwest Premises, as well as the resources necessary for the operation and economical use of collocated equipment, such as the use by CLEC of power; heating, ventilation and air conditioning (HVAC); and cabling in Qwest's Premises. Collocation also allows CLEC to access Interconnection Distribution Frames (ICDF) for the purpose of accessing and combining Unbundled Network Elements and accessing ancillary services. There are currently nine (9) standard types of Collocation available pursuant to this Agreement – Virtual, Caged Physical, Shared Caged Physical, Cageless Physical, Interconnection Distribution Frame, Adjacent, Common Area Splitter, Remote and Facility Connected. Other types of Collocation may be requested through the BFR process. In addition, where Qwest may offer a new form of Collocation, CLEC may order that form as soon as it becomes available and under the terms and conditions pursuant to which Qwest offers it. The terms and conditions of any such offering by Qwest shall conform as nearly as circumstances allow to the terms and conditions of this Agreement. Nothing in this Agreement shall be construed as limiting the ability to retroactively apply any changes to such terms and conditions as may be negotiated by the Parties or ordered by the state Commission or any other competent authority.

8.1.1.1 Virtual Collocation -- A Virtual Collocation arrangement requires CLEC to purchase and deliver to Qwest CLEC's own equipment for Qwest to install, repair, and maintain in Qwest's Premises. CLEC does not have physical access to its virtually collocated equipment in the Qwest Premises.

8.1.1.2 Caged Physical Collocation -- allows CLEC to lease caged floor space for placement of its equipment within Qwest's Premises for the purpose of interconnecting with Qwest Finished Services or accessing Unbundled Network Elements. CLEC is responsible for the procurement, installation and on-going maintenance of its equipment as well as the Cross Connections required within the cage.

8.1.1.3 Cageless Physical Collocation -- is a non-caged area within a Qwest Premises. In Wire Centers, space will be made available in single frame bay increments. In Wire Centers, the current minimum square footage is nine (9) square feet per bay, however, if smaller bays are or become available, Qwest will reduce the minimum square footage accordingly. Space will be provided utilizing industry standard equipment bay configurations in which CLEC can place and maintain its own equipment. CLEC is responsible for the procurement, installation and on-going maintenance of its equipment as well as the Cross Connections required within CLEC's leased Collocation space.

8.1.1.4 Shared Caged Physical Collocation -- allows two (2) or more CLECs to share or sublease a single Collocation enclosure. Under Shared Physical Collocation, one (1) CLEC obtains a Caged Physical Collocation arrangement from Qwest pursuant to this Agreement or an approved Interconnection Agreement, and another CLEC, pursuant to the terms of its Interconnection Agreement, may share use of that space, in accordance to terms and conditions of a sublease agreement between the two (2) CLECs. Shared Collocation may also be established through joint Application by CLECs

in which Qwest will have a separate Billing relationship with each applicant and will look to each collocating CLEC for payment of its proportionate share of the charges relating to the Collocation space. Qwest will prorate the charge for site conditioning and preparation undertaken by Qwest to construct the Shared Collocation cage or condition the space for Collocation use, regardless of how many Carriers actually collocate in that cage, by determining the total charge for site preparation and allocating that charge to a collocating CLEC (and billed directly to each such CLEC) based on the percentage of the total space utilized by that CLEC as per the Collocation Application. Qwest shall not place unreasonable restrictions on CLEC's use of a Collocation cage, such as limiting CLEC's ability to contract with other CLECs to share CLEC's Collocation cage in a sublease-type arrangement. In addition, if two (2) or more CLECs who have Interconnection Agreements with Qwest utilize a Shared Collocation arrangement, Qwest shall permit each CLEC to order UNEs to and provision service from that Shared Collocation space, regardless of which CLEC was the original collocator, directly from Qwest. Qwest shall make Shared Collocation space available in single-bay increments or their equivalent.

8.1.1.5 Interconnection Distribution Frame (ICDF) Collocation -- is offered for the purpose of facilitating CLEC's combining of Unbundled Network Elements, Finished Services, including Local Interconnection Trunks, and ancillary services. Under ICDF Collocation, CLEC need not collocate equipment in the Qwest Wire Center. With ICDF Collocation, CLEC will have access to the Qwest Wire Center and an ICDF to combine UNEs, Finished Services, and ancillary services. The ICDF connects through tie cables to various points within the Wire Center (e.g., MDF, COSMIC™ or DSX, etc.) providing CLEC with access to UNEs and ancillary services.

8.1.1.5.1 The ICDF is a distribution frame shared by multiple providers. If CLEC desires a dedicated distribution frame for the purpose of facilitating CLEC's combination of UNEs and ancillary services, CLEC may do so through the placement of a CLEC-owned Cross Connection device collocated in the Qwest Wire Center through either Caged or Cageless Physical Collocation.

8.1.1.6 Adjacent Collocation – is available in those instances where space is legitimately exhausted in a particular Qwest Premises to accommodate Physical Collocation. Qwest shall make space available in adjacent controlled environmental vaults, controlled environmental huts, or similar structures to the extent Technically Feasible. Qwest shall permit CLEC to construct or otherwise procure such an adjacent structure on property owned, leased or otherwise controlled by Qwest, subject only to applicable OSHA, EPA, federal, state, and local safety and maintenance requirements. Such adjacent structure shall be in accordance with Qwest's design and space planning for the site. CLEC may propose the design for the adjacent structure, subject to Qwest's approval, which approval may not be unreasonably withheld or delayed. Qwest must provide power and physical Collocation services and facilities, subject to the same nondiscrimination requirements as applicable to any other physical Collocation arrangement. Qwest must permit CLEC to place its own equipment, including, but not limited to, copper cables, coaxial cables, fiber cables, and Telecommunications Equipment, in adjacent facilities constructed by Qwest, by CLEC itself, or a third party.

8.1.1.7 Common Area Splitter Collocation – See Section 9.4 for a description.

8.1.1.8 Remote Collocation – allows CLEC to collocate equipment in or adjacent

to a Qwest Remote Premises. The terms for Remote Collocation are set forth more fully in Section 8.2.7 and 8.4.6.

8.1.1.8.1 With respect to Cross Connections for access to Subloop elements in multi-tenant environments (MTE) and field connection points (FCP), the provisions concerning Subloop access and intervals are contained in Section 9.3. This type of access and Cross Connection is not Collocation.

8.1.1.9 Facility Connected (FC) Collocation -- Facility Connected (FC) Collocation allows CLEC to access Unbundled Network Elements (UNEs), ancillary services and Finished Services within a Qwest Wire Center via an Entrance Facility without collocating physical equipment in the Wire Center. FC Collocation is provided on a termination block or termination panel within the designated Wire Center and is engineered, provisioned, maintained, and repaired by Qwest.

## **8.2 Terms and Conditions**

### **8.2.1 Terms and Conditions - All Collocation**

8.2.1.1.1 In accordance with the FCC rules regarding combinations of Unbundled Network Elements and Commingling of facilities and services which are addressed in Sections 9.1 and 9.23, Qwest will not combine or Comingle services or Network Elements that are offered by Qwest pursuant to Section 271 of the Communications Act of 1934, as amended, with Unbundled Network Elements or combinations of Unbundled Network Elements.

8.2.1.1.1.1 Services available for Commingling shall be provided by Qwest pursuant to Qwest's applicable product Tariffs, catalogs, price lists, or other Telecommunications Services offerings.

8.2.1.1.1.2 Entrance Facilities obtained pursuant to Tariff are available for Commingling. Entrance Facilities and mid-span meet SPOI obtained pursuant to Section 7 of this Agreement are not available for Commingling.

8.2.1.2 Collocation of Switching Equipment. CLEC may collocate any equipment that is necessary for Interconnection or access to Unbundled Network Elements.

8.2.1.2.1 Digital Subscriber Line Access Multiplexers (DSLAMS) always meet this legal standard.

8.2.1.2.2 Asynchronous Transfer Mode (ATM) or Packet Switching also meets this legal standard when used for Interconnection or access to Unbundled Network Elements for purposes of providing Advanced Services such as xDSL. Equipment used predominantly to support DSLAMs and ATMs, such as routers and concentrators, as well as testing and network management equipment also meet this legal standard. Before any equipment that includes switching functionality is installed, CLEC must provide a written inventory to Qwest of all switching equipment and how it will be used for Interconnection or access to Unbundled Network Elements. Once CLEC establishes that it will use a certain type of equipment for Interconnection or access to Unbundled Network Elements,

Qwest will allow future Collocations of similar equipment without requesting a written justification unless and until Qwest can establish to the state Commission that such equipment is not intended for Interconnection or access to Unbundled Network Elements. However, Qwest will complete the Collocation within the appropriate interval unless granted relief by the Commission.

8.2.1.2.3 Remote Switching Units (RSUs) also meet this legal standard when used for Interconnection or access to Unbundled Network Elements for purposes of providing Local Exchange Service.

8.2.1.2.4 Except as provided for in Sections 8.2.1.2.1 through 8.2.1.2.3 above, CLEC may not collocate equipment that is not necessary for Interconnection or access to Unbundled Network Elements.

8.2.1.3 CLEC must identify what transmission and Cross Connection equipment will be installed and the vendor technical specifications of such equipment so that Qwest may verify the appropriate power, floor loading, heat release, environmental particulate level, HVAC, and tie cables to CLEC-provided Cross Connection device.

8.2.1.4 Demarcation points for Unbundled Network Elements (UNEs) and ancillary services. The Demarcation Point for Unbundled Network Elements and ancillary services is that physical point where Qwest shall terminate its Unbundled Network Elements and ancillary services for access by CLEC. There are two (2) standard Demarcation Points where Unbundled Network Elements and ancillary services may be delivered to CLEC. CLEC shall specify its choice of standard Demarcation Points for its access to UNEs and ancillary services. One available Demarcation Point is at CLEC-provided Cross Connection equipment in CLEC's Physical or Virtual Collocation space. Alternatively, the Demarcation Point can be at an Interconnection Distribution Frame (ICDF) or may be established at a location jointly agreed to by CLEC and Qwest. To the extent CLEC selects a Demarcation Point outside of its collocated space, CLEC shall provide and Qwest shall install the tie cables from CLEC's collocated equipment to the Demarcation Point. Alternatively, Qwest shall provide and install these tie cables, at CLEC's expense.

8.2.1.5 Qwest will provide a connection between Unbundled Network Elements and ancillary services and a Demarcation Point. Such connection is an Interconnection Tie Pair (ITP). The Demarcation Point shall be:

- a) at CLEC-provided Cross Connection equipment located in CLEC's Virtual or Physical Collocation space; or
- b) if CLEC elects to use ICDF Collocation, at the Interconnection Distribution Frame (ICDF); or
- c) if CLEC elects to use an ICDF in association with Virtual or Physical Collocation, at the ICDF; or
- d) at a direct connection point of termination as described in Section 8.3.1.11.2; or
- e) at another Demarcation Point mutually-agreed to by the Parties.



8.2.1.6 CLEC may purchase Qwest's finished Private Line or Switched Access Services via applicable Tariff terms and conditions. These services will be terminated at the Demarcation Point.

8.2.1.7 For Caged and Cageless Physical Collocation and Virtual Collocation, CLEC must lease space for the placement of CLEC's equipment within Qwest's Premises. Qwest will provide the structure that is necessary in support of Collocation including physical space, a cage (for Caged Physical Collocation), required cabling between equipment and other associated hardware.

8.2.1.8 All equipment shall meet and be installed in accordance with Network Equipment Building System (NEBS) Level 1 safety standards. Qwest shall provide standard Premises alarming pursuant to Qwest Technical Publication 77385. Qwest shall not impose safety or engineering requirements on CLEC that are more stringent than the safety or engineering requirements Qwest imposes on its own equipment located on its Premises.

8.2.1.9 Space Availability Report -- Upon request by CLEC, Qwest will submit to CLEC within ten (10) calendar Days of CLEC's request, a report for each requested Premises, that includes:

- a) available Collocation space in a particular Qwest Premises;
- b) number of collocators;
- c) any modifications in the use of the space since the last report;
- d) measures that Qwest is taking to make additional space available for Collocation;
- e) whether sufficient power is available to meet the specific CLEC request;
- f) number of CLECs in queue at the Premises, if any;
- g) whether the Wire Center is equipped with DS3 capability; and
- h) the number and description of Qwest and its Affiliates and reservations of space by all CLECs.

8.2.1.9.2 Inventory Report – Remote Premises. The locations of the Remote Premises (e.g., Feeder Distribution Interfaces, "FDI") and the End User Customer addresses served by each Remote Premises are available to CLEC through the Raw Loop Data Tool. Remote Premises with digital loop carrier and pair gain equipment will be provided on the web site in the ICONN database. (ICONN is available through the Qwest web site located at <http://www.qwest.com/iconn>.) If CLEC is unable to determine the information it seeks regarding the Remote Premises after using such database tools, Qwest will provide CLEC with a report that contains the information. The Parties agree that a charge may apply to such report, based on time and material, unless the database information is inaccurate or unusable for the Remote Premises then no charge would apply. Qwest will provide CLEC access to relevant plats, maps,

engineering records and other data in accordance with Section 10.8.2.4. In addition, CLEC can request a copy of Qwest's distribution area map associated with the Remote Premises, with a charge for time and material.

8.2.1.10 Collocation is offered on a first-come, first-served basis. Requests for Collocation may be denied due to the legitimate lack of sufficient space in a Qwest Premises for placement of CLEC's equipment. If Qwest determines that the amount of space requested by CLEC for Caged Physical Collocation is not available, but a lesser amount of space is available, that lesser amount of space will be offered to CLEC for Caged Physical Collocation. Alternatively, CLEC will be offered Cageless Physical Collocation (single frame bay increments), or Virtual Collocation as an alternative to Caged Physical Collocation. In the event the original Collocation request is not available due to lack of sufficient space, and CLEC did not specify an alternative form of Collocation on the original order form, CLEC will be required to submit a new order for CLEC's preferred alternative Collocation arrangement. If CLEC identifies alternate choices for Collocation on its original Collocation request, Qwest will determine the feasibility of the next preferred option in the event CLEC's first choice is not available. To the extent possible, Qwest shall make contiguous space available to CLEC when it seeks to expand its existing Collocation space. Where adjoining space is not available, Qwest will engineer a route for CLEC to provide facilities between the non-adjoining CLEC Collocation spaces as part of the Collocation order. When planning renovations of existing facilities or constructing or leasing new facilities, Qwest shall take into account projected demand for Collocation of equipment.

8.2.1.13 Qwest will maintain a publicly available document, posted for viewing on the Internet, ([www.qwest.com/wholesale/notices/collo/spaceavail.html](http://www.qwest.com/wholesale/notices/collo/spaceavail.html)), indicating all Premises that are full, and will update this document within ten (10) calendar Days of the date at which a Premises runs out of physical space and will update the document within ten (10) calendar Days of the date that space becomes available. In addition, the publicly available document shall include, based on information Qwest develops through the Space Availability Report process, the Reservation Process, or the Feasibility Study Process:

- a) Number of CLECs in queue at the Premises, if any;
- b) Premises that have not been equipped with DS3 capability;
- c) Estimated date for completion of power equipment additions that will lift the restriction of Collocation at the Premises; and
- d) Address of the Remote Premises that have been inventoried for Remote Collocation, and if the Remote Premises cannot accommodate Collocation.

Notwithstanding the foregoing, the Qwest web site will list and update within the ten (10) Day period, all Wire Centers that are full, whether or not there has been a Space Availability Report requested by any CLEC.

8.2.1.14 Reclamation and Reconditioning of Space

8.2.1.14.1.1 If CLEC issues a forecast or reservation for

Collocation, Qwest shall use its best judgment to determine whether it would be appropriate to reclaim space and or equipment to meet expected Collocation requirements.

8.2.1.14.2 Reconditioning of Space -- Reconditioning of space is the remodeling of space for equipment use, such as, but not limited to, adding HVAC. The Collocation feasibility study will identify whether reconditioning of space is available and necessary to meet CLEC needs for Collocation. If requested by CLEC, Qwest will assess the cost of such reconditioning, provide a quote to CLEC for the costs, and upon Acceptance of quote by CLEC, perform the necessary work to recondition the space. For reconditioned space, CLEC is responsible for prorated charges based on the amount of space requested.

8.2.1.15 Cancellation of Collocation Request. CLEC may cancel a Collocation request prior to the completion of the request by Qwest by submitting a Collocation Cancellation Application. CLEC shall be responsible for payment of all costs incurred by Qwest up to the point when the cancellation is received. Collocation Cancellation is available for all Collocations under a particular billing authorization number (BAN) for which CLEC has not received notification of completion from Qwest. Cancellation is offered for all types of Collocation. A cancellation will only occur upon request by CLEC.

8.2.1.15.1 CLEC may submit a Collocation Cancellation Application if the Collocation job is in progress. Upon receipt of a completion notice for the specific Collocation job, the Collocation can no longer be cancelled. Qwest will provide acknowledgment of acceptance or rejection of the Collocation Cancellation Application within one (1) business day of receipt. Qwest will stop work on a Collocation in progress upon receipt and acceptance of a Collocation Cancellation Application. A request for cancellation is irrevocable once Qwest has accepted the Collocation Cancellation Application.

8.2.1.15.2 In the event there is a Common Area Splitter Collocation or CLEC has requested a direct CLEC-to-CLEC connection arrangement with the same BAN as the Collocation job to be canceled, the associated Common Area Splitter Collocation and direct CLEC-to-CLEC connection will also be cancelled.

8.2.1.15.3 Qwest will not charge for canceling the Collocation job except for work already completed as of acceptance by Qwest of the Collocation Cancellation Application. Charges will be based on when Qwest receives the Collocation Cancellation Application and the completion status of the Collocation work. A quote will be issued within thirty (30) calendar Days of Qwest's acceptance of the Collocation Cancellation Application.

8.2.1.16 Qwest may retain a limited amount of floor space for its own specific future uses, provided, however, that neither Qwest nor any of its Affiliates may reserve space for future use on terms more favorable than those that apply to CLEC's reservation of Collocation space for CLEC's own future use. Qwest shall relinquish any space held for future use before denying a request for Virtual Collocation on the grounds of space limitations, unless Qwest proves to the Commission that Virtual Collocation at that point is not Technically Feasible.

8.2.1.17 In addition to the requirements of Section 8.2.1.8, all Collocation

installation and structures shall meet applicable earthquake safety rating requirements comparable to and to the same extent that Qwest installations and structures meet earthquake rating requirements as contained in the Network Equipment Building System (NEBS) - BR GR-63-CORE document. A list of Qwest Premises and the applicable related earthquake ratings is available for review on the Qwest [web site at: http://www.qwest.com/wholesale/pcat/collocation.html](http://www.qwest.com/wholesale/pcat/collocation.html).

8.2.1.18 Qwest will review the security requirements, issue keys, ID cards and explain the access control processes to CLEC. The access control process includes but is not limited to the requirement that all CLEC approved personnel are subject to trespass violations if they are found outside of designated and approved areas or if they provide access to unauthorized individuals. Likewise, Qwest personnel are subject to trespass violations if they are found to be wrongfully inside CLEC physical caged collocated areas or if they wrongfully provide access to unauthorized individuals.

8.2.1.18.1 Qwest will take all reasonable measures to insure that CLEC equipment collocated in Qwest Premises is afforded physical security at Parity with Qwest's similarly situated equipment. Should an event occur within a Qwest Premises that suggests vandalism or other tampering with CLEC's equipment, Qwest will, at CLEC's request, vigorously and thoroughly investigate the situation. CLEC shall cooperate in the investigation as requested by Qwest. Qwest will keep CLEC apprised of the progress of any investigation, and report any conclusions in a timely manner.

8.2.1.19 Qwest shall provide access to CLEC's collocated equipment and existing eyewash stations, bathrooms, and drinking water within the Premises on a twenty-four (24) hours per day, seven (7) days per week basis for CLEC personnel and its designated agents. Such access shall be permitted without requiring either a security escort of any kind or delaying CLEC's employees entry into Qwest Premises. Qwest shall provide CLEC with access to other basic facilities, including parking, where available on a first-come, first-served basis.

8.2.1.20 CLEC shall be restricted to corridors, stairways, and elevators that provide direct access to CLEC's space, or to the nearest restroom facility from CLEC's designated space, and such direct access will be outlined during CLEC's orientation meeting. Access shall not be permitted to any other portion of the building.

8.2.1.21 Nothing herein shall be construed to limit CLEC's ability to obtain more than one form of Collocation (i.e., Virtual, Caged, Shared and Cageless Physical Collocation or ICDF Collocation) in a single Premises, provided space is available.

8.2.1.22 Termination of Collocation Arrangement. CLEC may terminate a completed Collocation arrangement by a Collocation Decommission or a Collocation Transfer of Responsibility. A Collocation site is only eligible for Collocation Decommission or a Collocation Transfer of Responsibility after the site is built-out and accepted by CLEC. Abandoned equipment shall be handled as detailed in Section 8.2.1.22.3.

8.2.1.22.1 Collocation Decommission. Collocation Decommission refers to the deactivation of a Collocation site occupied by CLEC and removal of CLEC equipment. Collocation Decommission is offered for all types of Collocation. A

request for decommissioning is irrevocable once Qwest accepts the Collocation Decommission Application.

8.2.1.22.1.1 Prior to submitting a Collocation Decommission Application, all CLEC's financial obligations with respect to the Collocation site to be decommissioned must be current, with the exception of formally disputed charges. CLEC financial obligations include payment of one hundred percent (100%) of all nonrecurring quoted charges and all applicable monthly recurring charges that are more than thirty (30) calendar Days past due.

8.2.1.22.1.2 CLEC must disconnect all services, including any administrative services, from the Collocation site to be decommissioned prior to submitting the Collocation Decommission Application. All of CLEC's administrative lines and End User Customer services need to be disconnected via the appropriate Access Service Request (ASR) or Local Service Request (LSR). If CLEC has not disconnected all services, all charges with respect to the Collocation site will continue to accrue and the Collocation Decommission Application will be rejected.

8.2.1.22.1.2.1 Prior to disconnecting its services, including direct CLEC-to-CLEC connections, CLEC must notify, in writing, all of its current End User Customers affected by the discontinuation of service. CLEC must submit an email notification with the Collocation Decommission Application representing to Qwest that all CLEC End User Customers have been properly notified. For direct CLEC-to-CLEC connection arrangements, CLEC should submit a letter of authorization (LOA) signed by both CLECs involved in the direct CLEC-to-CLEC connection arrangement. Failure to include such email notification or LOA will result in the rejection of the Collocation Decommission Application.

8.2.1.22.1.3 CLEC should remove its equipment prior to submitting a Collocation Decommission Application. Equipment includes all CLEC owned electronic equipment, equipment racks, mounting hardware, and CLEC supplied cable (including direct CLEC-to-CLEC cables), termination blocks and cage materials. If CLEC does not remove its equipment within thirty (30) calendar Days of Qwest's acceptance of the Collocation Decommission Application, Qwest will send a notification stating the equipment is considered abandoned. Upon receiving notification of abandonment from Qwest, CLEC will have fifteen (15) calendar Days to notify Qwest that the equipment is not abandoned and remove its equipment. If CLEC does not respond to the notification and remove the equipment and Qwest determines that the equipment has been abandoned, Qwest will send a final notification and bill CLEC for any and all claims, expenses, fees or other costs associated with the removal by Qwest of the abandoned equipment, including any materials used in the removal and the hourly labor rate charges. CLEC will hold Qwest harmless from the failure to return any such equipment, property or other items.

8.2.1.22.1.4 Qwest will remove all Collocation entrance facilities. For shared Collocation entrance facilities, Qwest will cut all fiber and/or copper Collocation entrance facilities at the splice point in the Collocation Point of Interconnection (C-POI). For express Collocation entrance facilities, Qwest will remove and dispose of the Collocation entrance fiber.

8.2.1.22.1.5 For Virtual Collocation, Qwest will automatically remove all equipment within ninety (90) calendar Days. Qwest will negotiate with CLEC to schedule the pick up of the equipment. There will be no charge for the removal of CLEC's Virtual Collocation equipment.

8.2.1.22.1.6 For Collocations with direct CLEC-to-CLEC connection arrangements, CLEC is required to disconnect and remove the direct CLEC-to-CLEC connections. Qwest prefers that CLEC disconnect and remove the direct CLEC-to-CLEC connection cables prior to submitting the Collocation Decommission Application. If CLEC is not able to disconnect and remove the cables prior to submitting the Collocation Decommission Application, CLEC will be allowed thirty (30) calendar Days from Qwest's acceptance date of the Collocation Decommission Application to disconnect and remove the direct CLEC-to-CLEC connection cables. If CLEC has not removed the direct CLEC-to-CLEC connections, it will be treated as abandoned equipment.

8.2.1.22.1.7 CLEC will be eligible for a refund for all elements defined as either reusable or reimbursable, if acquired by another CLEC during the following defined time period. An inventory will be completed by Qwest and furnished to CLEC within ninety (90) calendar Days of the Collocation Decommission Application acceptance identifying the reimbursable and reusable elements and the potential credit.

8.2.1.22.1.7.1 Reimbursable elements considered for a refund are: DS0, DS1, and DS3 termination cabling, and fiber terminations, excluding Collocation entrance facility cabling. These elements will be eligible for a refund for up to one (1) year after the date of decommissioning.

8.2.1.22.1.7.2 Reusable elements include components used to provision the original Collocation site (e.g., cage, bays, HVAC, cable racking). These elements will be eligible for a refund for up to three (3) years after the date of decommissioning.

8.2.1.22.1.8 CLEC is required to return the space to turnover condition. Turnover condition is defined as the same condition in which CLEC originally assumed the Collocation site. CLEC must relinquish security access if not currently leasing another Collocation site in the same Wire Center when verification of equipment removal is completed. Security access will be terminated within thirty (30) calendar Days of receipt of an accepted Collocation Decommission Application, unless alternative arrangements have been agreed to by Qwest.

8.2.1.22.1.9 Ordering – CLEC should submit a Collocation

Decommission Application form. Qwest will notify CLEC within one (1) business day if the prerequisites have been met. Qwest will validate the order within two (2) business days from receipt of the Collocation Decommission Application. Qwest will provide an inventory of the eligible reimbursable and reusable elements and the potential credits within ninety (90) calendar Days of the Collocation Decommission Application acceptance.

8.2.1.22.1.10 Billing - Qwest will not charge for decommissioning Collocations unless equipment has been abandoned or the Collocation space has not been returned to turnover condition. Charges for work related to the removal of abandoned equipment or returning the Collocation space to turnover condition include miscellaneous hourly labor charges and, if applicable, dispatch charges will apply for unmanned Central Offices and Remote Collocations.

8.2.1.22.2 Collocation Transfer of Responsibility. Collocation Transfer of Responsibility is the transfer of a Collocation site from vacating CLEC (current CLEC leasing the space in the Premises) to an assuming CLEC. Collocation Transfer of Responsibility is available for Caged Physical Collocation, Cageless Physical Collocation, and Virtual Collocation. All other types of Collocation to be transferred will be handled on an Individual Case Basis (ICB). There are two (2) types of Collocation Transfer of Responsibility: 1) Collocation Transfer of Responsibility Without Working Circuits – The Collocation is not serving any End User Customers and does not have active service terminations (e.g., Interconnection trunks or UNE Loops) or 2) Collocation Transfer of Responsibility With Working Circuits – The Collocation has active service terminations, such as Interconnection trunks or is serving End User Customers.

8.2.1.22.2.1 Generally, Collocation Transfer of Responsibility is not available if another CLEC or Qwest are waiting in queue for available space within the requested Premises; however, if assuming CLEC acquires all or substantially all of the Collocation sites of vacating CLEC in Qwest Premises in the state, such transfers shall not be subject to any queue for available space. In addition, regardless of any space requests that may be pending in a Qwest Premises, Collocation Transfer of Responsibility shall be available when vacating CLEC and assuming CLEC are affiliated corporate entities prior to or immediately after the proposed transfer, or the transfer is due to a bankruptcy court order. If vacating CLEC has filed for bankruptcy, assuming CLEC must comply with Applicable Law in obtaining the transfer of the Collocation site.

8.2.1.22.2.2 Both vacating CLEC's and assuming CLEC's Interconnection Agreements with Qwest must contain finalized terms and conditions for Collocation Transfer of Responsibility and all associated services. Assuming CLEC is required to have an Interconnection Agreement with Qwest prior to submitting a Collocation Transfer of Responsibility request. Assuming CLEC will need to amend any previously existing Interconnection Agreement prior to submitting a Collocation Transfer of Responsibility request if its Interconnection Agreement does not contain the terms and conditions and rate elements

for all services that will be transferred.

8.2.1.22.2.3 Collocation Transfer of Responsibility with working circuits is available if only administrative changes are required and the transfer does not involve translations work that needs to be processed in conjunction with the transfer. If translations work is needed, CLEC's transfer plans shall allow for the completion of the Collocation Transfer of Responsibility prior to initiating any translation activity.

8.2.1.22.2.4 A request for Collocation Transfer of Responsibility is irrevocable upon one hundred percent (100%) payment by assuming CLEC of the nonrecurring Collocation transfer charges reflected on the quote.

8.2.1.22.2.5 The Collocation site to be transferred is identified by vacating CLEC's eleven (11) character CLLI™ code. The Collocation site will be transferred "as is" and in its entirety. This includes, but is not limited to, Collocation entrance facilities from the Collocation - Point of Interface (C-POI) manhole, cables, Splitters, and working circuits, if applicable. If the Collocation site has a Common Area Splitter Collocation associated with it, the Common Area Splitter Collocation will be transferred as part of the Collocation Transfer of Responsibility.

8.2.1.22.2.6 The transfer of equipment between vacating CLEC and assuming CLEC will be the responsibility of vacating CLEC and assuming CLEC. Qwest is not responsible for the physical condition of vacating CLEC's equipment, with the exception of equipment associated with a Virtual Collocation, as set forth in CLECs' Interconnection Agreements. The negotiation of the transfer terms and conditions between vacating CLEC and assuming CLEC is the responsibility of those two parties. Qwest will not participate in these negotiations. Qwest will only manage the database and records transfer.

8.2.1.22.2.7 Assuming CLEC will provide the information Qwest will need to update the following items: Customer Name, Access Carrier Name Abbreviation (ACNA), Master Customer Number (MCN), CLEC address, phone number, billing and contact information, and contract number. The Collocation eleven (11) character CLEC CLLI™ code will remain the same.

8.2.1.22.2.8 Submission of new connect, change, and disconnect orders will be restricted from quote Acceptance until the transfer of the working circuits is complete. If new connect, change, and disconnect orders need to be submitted between quote Acceptance and the completion of the transfer, they will be handled on an ICB and may affect the Ready for Service (RFS) date. Submission of Collocation augment orders will not be allowed from the time that the Collocation Transfer of Responsibility Application has been accepted by Qwest until assuming CLEC has accepted the quote for the Collocation Transfer of Responsibility.



8.2.1.22.2.9 All work in progress related to the Collocation site and associated working circuits, if applicable, must either be completed or cancelled by vacating CLEC prior to the quote Acceptance.

8.2.1.22.2.10 If vacating CLEC does not lease another Physical Collocation site at the specified Central Office at the time of the Collocation Transfer of Responsibility request, then vacating CLEC must relinquish security access to the building.

8.2.1.22.2.11 Vacating CLEC's financial obligations to Qwest with respect to the Collocation site to be transferred must be met, with the exception of formally disputed charges, prior to submitting a Collocation Transfer of Responsibility Application. Vacating CLEC's financial obligations include payment of one hundred percent (100%) of all nonrecurring charges and all applicable recurring charges for the specific Collocation account that are more than thirty (30) calendar Days past due. Vacating CLEC may meet its financial obligations by having them expressly assumed, in writing, by assuming CLEC and assuming CLEC pays such obligations at the time it accepts the quote for Collocation Transfer of Responsibility.

8.2.1.22.2.12 Assuming CLEC's financial obligations to Qwest must be in good standing prior to submitting a Collocation Transfer of Responsibility Application, with the exception of formally disputed charges.

8.2.1.22.2.13 Vacating CLEC and assuming CLEC must provide a signed Transfer Authorization Agreement. Required information on the Qwest Transfer Authorization Agreement: Qwest Central Office Name, applicable CLLI™ codes, Collocation BAN numbers, and charges (from Exhibit A) for the transfer of the Collocation site.

8.2.1.22.2.14 Prior to submitting a Collocation Transfer of Responsibility Application without working circuits, vacating CLEC must ensure that no active circuits exist at the Collocation site to be transferred.

8.2.1.22.2.15 Prior to transferring a Collocation site with working circuits, vacating CLEC must notify, in writing, all of its current End User Customers that utilize the Collocation site's equipment or facilities of the transfer of service to assuming CLEC, unless vacating CLEC has a waiver from the FCC or other applicable regulatory authority. Vacating CLEC must provide an email notification to Qwest with the Collocation Transfer of Responsibility Application representing that all of its End User Customers have been properly notified or provide a copy of any applicable waiver.

8.2.1.22.2.16 If the Collocation site being transferred has a direct CLEC-to-CLEC connection arrangement, a letter of authorization (LOA) must be submitted with the Collocation Transfer of Responsibility Application, signed by both CLECs in the direct CLEC-to-CLEC

arrangement authorizing the transfer of the direct CLEC-to-CLEC connection service to assuming CLEC. A separate LOA is required for each direct CLEC-to-CLEC relationship associated with the transferring Collocation site. Each LOA shall identify the CLECs, CLLI codes, and BANs for their respective Collocations.

8.2.1.22.2.17 Vacating CLEC and/or assuming CLEC will be responsible for submitting Local Service Requests (LSRs) for Unbundled Loops, enhanced extended Loops (EELs), line sharing, and line splitting. Assuming CLEC may submit LSRs once it has accepted the quote for the Collocation Transfer of Responsibility and has received the preliminary APOT information from Qwest. Orders to transfer Local Interconnection Service (LIS) trunks and ancillary services (e.g., SS7, 911, operator services) with no translation activity, as well as private line and Access Services circuits, will be processed based on the information provided in the Collocation Transfer of Responsibility Application spreadsheet. Assuming CLEC is responsible for Directory Assistance (DA), operator services (OS), Directory Listings, Busy Line Verify/Busy Line Interrupt (BLV/BLI), and 911 changes, if applicable. Any SS7 changes will need to be made after the transfer is complete.

8.2.1.22.2.18 After the Collocation Transfer of Responsibility is complete, vacating CLEC, assuming CLEC, and Qwest are all required to sign the Qwest Services Transfer Agreement.

8.2.1.22.2.19 Billing. Vacating CLEC will not incur charges for the transfer of the Collocation site. Vacating CLEC is obligated to pay all recurring charges associated with the Collocation until Qwest completes the Collocation Transfer of Responsibility request. Assuming CLEC's quote will reflect the following nonrecurring charges associated with the transfer of the Collocation site: Assessment Fee, payable regardless of whether the quote is accepted or not, a Network Systems Administration Fee, and charges for processing the transfer of working circuits, if applicable. Upon completion of the Collocation Transfer of Responsibility, Qwest will begin Billing assuming CLEC for all recurring charges based on assuming CLEC's Interconnection Agreement and cease Billing vacating CLEC.

8.2.1.22.3 Abandoned Equipment. If Qwest finds, in the course of business, evidence to substantiate that any equipment or property of CLEC has been abandoned or left unclaimed in or at any Premises, Qwest shall notify CLEC in writing of the existence of such equipment or property and CLEC shall have thirty (30) calendar Days from the date of such notice to remove such equipment or property from the Premises. If, prior to the termination of the thirty (30) calendar Day period, CLEC disputes that the equipment or property has been abandoned or left unclaimed at the Premises, CLEC shall provide written notice to Qwest of such dispute ("Resolution Request") and commence Dispute Resolution proceedings pursuant to Section 5.18 of this Agreement. If no Resolution Request has been delivered to Qwest within thirty (30) calendar Days of the notice, all equipment or property of CLEC not removed from the Premises shall conclusively be deemed and construed to have been transferred, deeded,

and assigned by CLEC to Qwest and may be appropriated, sold, stored, destroyed and/or otherwise disposed of by Qwest without further notice to CLEC and without obligation to account therefor, and CLEC shall reimburse Qwest for all reasonable expenses incurred in connection with the storage or other disposition of such equipment or property. If CLEC delivers a Resolution Request but fails to commence Dispute Resolution proceedings pursuant to Section 5.18 of this Agreement or to otherwise resolve the dispute with Qwest, within thirty (30) calendar Days of the delivery of such Resolution Request, then thirty (30) calendar Days after the date of the Resolution Request, all equipment or property of CLEC not removed from the Qwest Premises shall conclusively be deemed and construed to have been transferred, deeded, and assigned by CLEC to Qwest and may be appropriated, sold, stored, destroyed and/or otherwise disposed of by Qwest without further notice to CLEC and without obligation to account therefor, and CLEC shall reimburse Qwest for all reasonable expenses incurred in connection with the storage or other disposition of such equipment or property. CLEC hereby releases and agrees to defend, indemnify, and hold harmless Qwest from and against any and all costs, expenses, claims, judgments, damages, liability or obligation arising out of or in connection with Qwest's exercise of any or all of its rights under this Section. Notwithstanding the provisions of this Section, where CLEC has submitted a Decommissioning Application, the provisions of Section 8.2.1.22.1 of this Agreement, shall govern the equipment or property of CLEC and not this Section unless CLEC fails to remove its equipment or property in accordance with the terms of Section 8.2.1.22.1 of this Agreement.

8.2.1.23 Qwest shall design and engineer the most efficient route and cable racking for the connection between CLEC's equipment in its collocated spaces to the collocated equipment of another CLEC located in the same Qwest Premises; or to CLEC's own non-contiguous Collocation space. The most efficient route generally will be over existing cable racking, to the extent Technically Feasible, but to determine the most efficient route and cable racking, Qwest shall consider all information provided by CLEC in the Collocation Application form, including but not limited to, distance limitations of the facilities CLEC intends to use for the connection. CLEC shall have access to the designated route and construct such connection, using copper, coax, optical fiber facilities, or any other Technically Feasible method utilizing a vendor of CLEC's own choosing. CLEC may place its own fiber, coax, copper cable, or any other Technically Feasible connecting facilities outside of the actual physical Collocation space, subject only to reasonable NEBS Level 1 safety limitations using the route specified by Qwest. CLEC may perform such Interconnections at the ICDF, if desired. CLEC may interconnect its network as described herein to any other collocating Carrier, to any collocated Affiliate of CLEC, to any End User Customer's premises, and may interconnect CLEC's own collocated space and/or equipment (e.g., CLEC's Physical Collocation and CLEC's Virtual Collocation on the same Premises). CLEC-to-CLEC Connections shall be ordered either as part of a Collocation Application under Section 8.4, or separately from a Collocation Application in accordance with Section 8.4.7. CLEC-to-CLEC Cross Connections at an ICDF are available, as follows:

8.2.1.23.1 CLEC-to-CLEC Cross Connections at the ICDF.

8.2.1.23.1.1 CLEC-to-CLEC Cross Connection (COCC-X) is defined as CLEC's capability to order a Cross Connection from its

Collocation in a Qwest Premises to its non-adjacent Collocation space or to another CLEC's Collocation within the same Qwest Premises at the ICDF.

8.2.1.23.1.2 Qwest will provide the capability to combine these separate Collocations through an Interconnection Distribution Frame (ICDF). This is accomplished by the use of CLEC's Connecting Facility Assignment (CFA) terminations residing at an ICDF. Also, ICDF Cross Connections must terminate on the same ICDF at the same service rate level.

8.2.1.23.1.3 If CLEC has its own dedicated ICDF, CLEC is responsible for ordering tie cables to the common ICDF frame/bay where the other CLEC resides. These tie cables would be ordered through the existing Collocation Application form.

8.2.1.23.1.4 CLEC is responsible for the end-to-end service design that uses ICDF Cross Connection to ensure that the resulting service meets its End User Customer's needs. This is accomplished by CLEC using the Design Layout Record (DLR) for the service connection.

8.2.1.23.1.5 If two (2) CLECs are involved, one (1) CLEC acts as the "ordering" CLEC. The ordering CLEC identifies both connection CFAs on the ASR. CLEC requests service order activity by using the standard ASR forms. These forms are agreed upon nationally at the OBF (Ordering and Billing Forum). Refer to the DMP (Document Management Platform)/Carrier/Carrier Centers/"A"/"ASOG" for copies of all forms including definitions of the fields. CLEC is responsible for obtaining these forms. Qwest must not reproduce copies for its Customers, as this is a copyright violation. The standard industry forms for CLEC-to-CLEC Cross Connections (COCC-X) are: Access Service Request (ASR), Special Access (SPE) and Additional Circuit Information (ACI).

8.2.1.24 Qwest will provide CLEC the same connection to the network as Qwest uses for provision of services to Qwest End User Customers. The direct connection to Qwest's network is provided to CLEC through a direct connection to Qwest's existing Cross Connection network. CLEC and Qwest will share the same distributing frames for similar types and speeds of equipment, where Technically Feasible and space permitting.

8.2.1.25 CLEC terminations will be placed on the appropriate Qwest Cross Connection frames using standard engineering principles. CLEC terminations will share frame space with Qwest terminations on Qwest frames without a requirement for an intermediate device.

8.2.1.26 If CLEC disagrees with the selection of the Qwest Cross Connection frame, CLEC may request a tour of the Qwest Premises to determine if Cross Connection frame alternatives exist, and may request a connection to an alternative frame or an alternative arrangement, such as direct connections from CLEC's Collocation space to the MDF or COSMIC™ frame.

8.2.1.27 Conversions of the various Collocation arrangements (e.g., Virtual to Physical) will be considered on an Individual Case Basis. However, conversions from Virtual Collocation to Cageless Physical Collocation, where the conversion only involves an administrative and Billing change, and the virtually collocated equipment is located in a space where Cageless Physical Collocation is available, shall be completed in thirty (30) calendar Days. CLEC must pay all associated conversion charges.

8.2.1.28 Qwest shall permit CLEC to construct or subcontract the construction and build-out of Physical Collocation arrangements with contractors approved by Qwest. Such CLEC construction of Physical Collocation arrangements are for within CLEC's physical space including the cage, if appropriate, frames, and cable racking. Also, CLEC may install the tie cables, blocks, and terminations on the ICDF or CLEC-to-CLEC connections, outside CLEC's physical space and according to Qwest's design. Qwest approval of CLEC contractors involves security access arrangements and shall not be unreasonably withheld. CLEC is not required to use Qwest or Qwest contracted personnel for the engineering and installation of CLEC's collocated equipment. Approval by Qwest of CLEC's employees, vendors or subcontractors shall be based on the same criteria that Qwest uses in approving contractors for its own purposes.

8.2.1.29 Qwest will provide CLEC with written notification at least five (5) business days before any scheduled non-emergency AC or DC power work in the collocated facility that may cause a power disruption to CLEC equipment located in the Qwest facility. This does not include notification of routine power testing or power installation work not expected to cause a power disruption. Qwest will use diligent efforts to notify CLEC by the Abnormal Condition Report (ACR) of: (a) general power outages as soon as Qwest becomes aware that an outage is to take place or has occurred and (b) any emergency power disruption that would impact CLEC equipment no later than thirty (30) minutes after such activity commences. Finally, Qwest shall immediately notify CLEC by ACR if an alarm condition exists with respect to the monitoring of power that poses a material risk to the continued operation of CLEC equipment.

8.2.1.31 Joint Testing. Joint Testing allows CLEC to request Qwest to participate in Joint Testing of CLEC terminations at the Interconnection Distribution Frame (ICDF). CLEC may request Joint Testing on the Collocation Application form or by sending a separate Joint Testing Application form. Collocation and Joint Testing Application forms are available in the PCAT. CLEC must specify on its application the terminations to be tested and the type of tests to be performed with Qwest. CLEC must provide contact information on the application for Qwest to arrange the Joint Testing date and time. Qwest will acknowledge acceptance of the application within ten (10) calendar Days of receipt. Joint Testing will be complete within ninety (90) calendar Days of the RFS if Joint Testing is requested on the Collocation Application form or ninety (90) calendar Days from acceptance of the Joint Testing Application form.

8.2.1.31.1 Qwest will only test between CLEC Collocation and the ICDF once CLEC equipment is in place. Joint Testing is only available for the terminations identified on the Collocation Application or Joint Testing Application. If CLEC wants additional terminations tested that are not identified on its initial application, CLEC will need to complete a new Joint Testing Application.

8.2.1.31.2 Each Party will provide appropriate test equipment for its technicians. Qwest will assist CLEC in conducting continuity tests on

terminations at the ICDF. Qwest will not operate CLEC test equipment. If errors are found during the Joint Testing, Qwest will only repair Qwest network faults. CLEC is responsible for replacement or repair of CLEC-provided facilities.

8.2.1.31.3 If during the scheduled Joint Testing, the Qwest-caused error rate is more than two percent (2%) on the terminations identified for testing, Qwest will not charge for this Joint Testing. If there are less than two percent (2%) errors found or if the errors found are facility errors on CLEC provided facilities, Qwest will charge for the Joint Testing. One (1) pair is counted as two (2) terminations and errors are counted on a one (1) termination basis. If CLEC requests that the charges be waived because Qwest errors are found during Joint Testing, Qwest may access CLEC's Collocation space to identify if the facility cabling sequence is correct, per applicable standards. CLEC may review Qwest facility cabling at the ICDF to verify the cable sequence, per applicable standards.

8.2.1.32 DC Power Reduction. DC Power Reduction With Reservation allows CLEC to reserve a fuse or breaker position on the power board or battery distribution fuse board (BDFB) when reducing a secondary power feed to zero. CLEC will pay a monthly power maintenance charge to retain the existing power cabling and fuse position for future power augment requests or until such time as CLEC notifies Qwest it wishes to discontinue the option. DC Power Reduction Without Reservation allows CLEC to reduce the ordered amps on a primary or secondary feed to a minimum of twenty (20) amps.

8.2.1.32.1 Applications for DC Power Reduction may be submitted only for Collocation sites that have been completed and accepted by CLEC, otherwise CLEC should follow standard change or augment procedures including the applicable rates for changes or augments. On the Collocation Application, CLEC should indicate that it is a request for DC Power Reduction and identify the specific power feeds to be reduced. CLEC should submit the applicable QPF or Engineering and Design fee with its Collocation Application requesting DC Power Reduction. Qwest will notify CLEC of any deficiencies in the Collocation Application, within ten (10) calendar Days of receipt. A quote for the DC Power Reduction will be provided to CLEC within twenty-five (25) calendar Days. The quoted nonrecurring charges will be honored for thirty (30) calendar Days from the quote. CLEC payment of all quoted nonrecurring charges constitutes acceptance and Qwest will then perform the work. If CLEC accepts the quote within seven (7) calendar Days, Qwest shall complete the DC Power Reduction within ninety (90) calendar Days of receipt of the Collocation Application. If CLEC accepts the quote after seven (7) calendar Days, Qwest shall complete the DC Power Reduction within ninety (90) calendar Days of receipt of CLEC's acceptance.

8.2.1.32.2 CLEC assumes all responsibility for outages or impacts to CLEC services and equipment due to the reduction in DC power. Restoration of the DC power is contingent upon the desired power and fuse availability.

8.2.1.32.3 Before submitting a Collocation Application requesting DC Power Reduction, CLEC's financial obligations for the Collocation site must be current, with the exception of formally disputed charges. Billing to CLEC will be

revised to reflect the reduced DC power upon receipt of payment of the quoted charges effective back to the date of acceptance by Qwest of the Collocation Application.

8.2.1.32.4 If a shortage of fuse positions is imminent, Qwest will notify CLEC of the need to exercise its option to reuse the power feed and fuse, or relinquish the fuse position for use by another CLEC or Qwest. Upon receipt of such notification, CLEC must request restoration of the secondary power feed to at least twenty (20) amps or return the fuse position to Qwest within thirty (30) calendar Days.

8.2.1.33 Collocation Available Inventory. Collocation Available Inventory provides CLEC with information about the availability of (a) returned Collocation sites and elements under Qwest's control ("Qwest Postings") and (b) CLEC controlled sites that may be posted are available for a Transfer of Responsibility ("CLEC Postings"). Qwest and CLECs may post available Collocation sites on Qwest's wholesale web site at: <http://www.qwest.com/wholesale/pcat/colloclassifieds.html>. CLEC must either have an approved Interconnection Agreement or is currently negotiating with Qwest to have an interim Interconnection Agreement with the specific type of Collocation to be obtained. If the Interconnection Agreement is pending approval, CLEC must execute an early ordering letter. Qwest reserves the right to remove Qwest Postings to satisfy CLEC Collocation Applications or Qwest space requirements. Qwest shall not use the Qwest Postings as a basis to claim exhaust in any Qwest Premises.

8.2.1.33.1 CLEC obtaining a Collocation site from Qwest Postings must not have any overdue financial obligations owed to Qwest for Collocation, with the exception of formally disputed charges. CLEC will be required to pay a minimum of six (6) months of space construction and floor space lease recurring charges if CLEC terminates its lease prior to six (6) months occupancy.

8.2.1.33.2 Qwest Postings. Collocation sites available in Qwest Postings may be partially or fully completed before being returned to Qwest inventory. Both Caged Physical Collocation and Cageless Physical Collocation sites will be offered in the Qwest Postings and will be available under the terms and conditions set forth in the Interconnection Agreement of the CLEC acquiring the Collocation space. CLEC may request to add to or complete the Collocation site to its specifications. CLEC may also request that Qwest reduce the cable terminations and CLEC will be charged for the removal of such cable terminations.

8.2.1.33.3 All services that were previously connected to the Collocation (e.g., UNEs, CLEC to CLEC, administrative lines, Finished Services, and Line Splitting) will be disconnected before the site is listed in the Qwest Postings. Power, grounding, and Entrance Facilities will also be disconnected before the site is listed. Qwest shall inventory all reusable and reimbursable elements and include them in the Collocation site information.

8.2.1.33.4 Qwest may also elect to offer Collocation sites returned through bankruptcy or abandonment consistent with Applicable Law (i.e., "Special Sites"). These Collocation sites will not be decommissioned and will be posted as unverified sites with equipment which may include electronic equipment, racks,

cages, DC power, grounding and terminations. It is expressly understood and agreed that Qwest is selling equipment that is used or surplus equipment on an "as is, where is" basis with all faults, latent and patent, and the equipment is conveyed without any Qwest warranties or representations of any kind, express or implied. CLEC is responsible for all software and software license agreements for any equipment conveyed as part of a Special Site. CLEC is responsible for handling, scrapping, destruction or other disposition of any equipment conveyed as part of a Special Site and shall conform and comply with: (a) All applicable federal, state, county and municipal laws, statutes, regulations, and codes regulating hazardous wastes, materials or substances, including, but not limited to the Toxic Substances Control Act (TSCA) (15 U.S.C. 2601 et seq.); the Resource Conservation and Recovery Act (RCRA) (42 U.S.C. 6901 et seq.); Hazardous Materials Transportation Act (HMTA) (49 U.S.C. 1801 et seq.); Occupational Safety and Health Act (OSHA) (29 U.S.C. 651 et seq.); Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA)(42 U.S.C. 9601 et seq.); and any successor acts thereto or the regulations promulgated thereunder and any applicable International laws and regulations; (b) Environmental rules and regulations governing environmental impacts associated with the production and or recovery of precious metals, scrap metals and material processing and or residual material disposition whether hazardous or non-hazardous as defined by governing laws and or applicable laws and are the sole responsibility of CLEC; and (c) All hazardous waste, hazardous material, hazardous substances or solid waste manifests relating to the shipping, receiving, disposal or final disposition of the equipment shall not reference, list or otherwise indicate on the manifest that Qwest is the generator, arranger, transporter, owner or otherwise the party that owns, controls, manages, handles, stores, generates or otherwise uses the equipment. On any required hazardous waste, hazardous material, hazardous substances or solid waste manifest relating to the shipping, receiving, disposal or final disposition of the equipment, CLEC shall be listed as the generator, arranger and owner of the materials.

8.2.1.33.5 CLEC will submit a Collocation Application indicating a specific Collocation site from the Collocation Available Inventory. Qwest will follow the standard Collocation provisioning intervals for the type of Collocation as included in CLEC's Interconnection Agreement. During preparation of the quote, Qwest will validate all reusable elements and send an inventory verification letter. After receipt of the validated inventory, CLEC may cancel the Collocation Application or submit a change to the pending Collocation Application. Any cancellation due to differences between the Qwest Posting and actual inventory will not result in a QPF or Engineering and Design Fee being charged.

8.2.1.33.6 Charges for Collocation sites listed in the Qwest Postings will be on a site specific basis, according to assuming CLEC's Interconnection Agreement and its requested work in the Collocation Application. Assuming CLEC will receive a fifty percent (50%) discount on nonrecurring reusable elements, if any, as defined in Section 8.2.1.22.

## **8.2.2 Terms and Conditions - Virtual Collocation**

8.2.2.1 Qwest is responsible for installing, maintaining, and repairing virtually



collocated equipment for the purpose of Interconnection or to access UNEs, ancillary and Finished Services. When providing Virtual Collocation, Qwest shall install, maintain, and repair 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 Qwest.

8.2.2.2 CLEC will not have physical access to the virtually collocated equipment in the Qwest Premises. However, CLEC will have physical access to the Demarcation Point in the Qwest Premises.

8.2.2.3 CLEC will be responsible for obtaining and providing to Qwest administrative codes (e.g., common language codes) for all equipment provided by CLEC and installed in Qwest Premises.

8.2.2.4 CLEC shall ensure that upon receipt of CLEC's virtually collocated equipment by Qwest, all warranties and access to ongoing technical support are passed through to Qwest at CLEC's expense. CLEC shall advise the manufacturer and seller of the virtually collocated equipment that CLEC's equipment will be possessed, installed and maintained by Qwest.

8.2.2.5 CLEC's virtually collocated equipment must comply with Telcordia Network Equipment Building System (NEBS) Level 1 safety standards and any statutory (local, state or federal) and/or regulatory requirements in effect at the time of equipment installation or that subsequently become effective. CLEC shall provide Qwest interface specifications (e.g., electrical, functional, physical and software) of CLEC's virtually collocated equipment. Such safety and engineering standards shall apply to CLEC equipment only to the degree that they apply to Qwest equipment located in Qwest's Premises.

8.2.2.6 CLEC must specify all software options and associated plug-ins for its virtually collocated equipment.

8.2.2.7 CLEC will be responsible for payment of Qwest's initial direct training charges associated with training Qwest employees for the maintenance, operation and installation of CLEC's virtually collocated equipment when such equipment is different than the standard equipment used by Qwest in that Premises. This includes per diem charges (i.e., expenses based upon effective Qwest labor agreements), travel and lodging incurred by Qwest employees attending a vendor-provided training course.

8.2.2.8 CLEC will be responsible for payment of reasonable charges incurred in the maintenance and/or repair of CLEC's virtually collocated equipment in accordance with this Agreement, unless otherwise agreed by the Parties. Notwithstanding the foregoing, CLEC shall not be responsible for any costs or charges incurred in the maintenance and/or repair of CLEC's virtually collocated equipment where such costs or charges result from Qwest's fault or negligence.

### **8.2.3 Terms and Conditions - Caged and Cageless Physical Collocation**

8.2.3.1 Qwest shall provide Caged and Cageless Physical Collocation to CLEC for access to UNEs and ancillary services and Interconnection, except that Qwest may provide Virtual Collocation if Qwest demonstrates to the Commission that Physical

Collocation is not practical for technical reasons or because of space limitations, as provided in Section 251(c)(6) of the Act.

8.2.3.2 Physical Collocation is offered in Premises on a space-available, first come, first-served basis.

8.2.3.3 Reserved for Future Use.

8.2.3.4 Qwest will design the floor space in the most efficient manner possible within each Premises that will constitute CLEC's leased space. CLEC will, in accordance with the other terms and conditions of this Section, have access to its leased space.

8.2.3.5 When Qwest constructs the collocated space, Qwest will ensure that the necessary construction work (e.g., racking, ducting and caging for Caged Physical Collocation) is performed pursuant to Qwest Technical Publication 77350, including all construction of CLEC's leased physical space and the riser from the vault to the leased physical space.

8.2.3.6 CLEC owns or leases and is responsible for the installation, maintenance and repair of its equipment located within the physically collocated space leased from Qwest.

8.2.3.7 Qwest shall permit CLEC to commence installation of its equipment prior to completion of Qwest's work on the remaining Collocation infrastructure, at no additional charge to CLEC. Such "early access" date will be negotiated by Qwest and CLEC on a site specific basis. In order to obtain early access, CLEC must pay eighty percent (80%) of the remaining fifty percent (50%) of the quoted nonrecurring charges before early access is granted, leaving a holdback of ten percent (10%) of the originally quoted nonrecurring charges. All appropriate (i.e. space and cable racking) recurring charges will begin on a negotiated date. The enclosure for Caged Physical Collocation must be complete before early access is granted. Such early access by CLEC shall not interfere with the work remaining to be performed by Qwest.

8.2.3.8 Upon completion of the construction of the Collocation project, Qwest will work cooperatively with CLEC in matters of joint testing and maintenance.

8.2.3.9 If, during installation, Qwest determines CLEC activities or equipment do not comply with the NEBS Level 1 safety standards listed in this Section or are in violation of any Applicable Laws or regulations all equally applied to Qwest, Qwest has the right to stop all installation work until the situation is remedied. Qwest shall provide written notice of the non-compliance to CLEC and such notice will include: (1) identification of the specific equipment and/or installation not in compliance; (2) the NEBS 1 safety requirement that is not met by the equipment and/or installation; (3) the basis for concluding that CLEC's equipment and/or installation does not meet the safety requirement; and (4) a list of all equipment that Qwest locates at the Premises in question, together with an affidavit attesting that all of that equipment meets or exceeds the safety standard that Qwest contends CLEC's equipment fails to meet. If such conditions pose an immediate threat to the safety of Qwest employees, interfere with the performance of Qwest's service obligations, or pose an immediate threat to the physical integrity of the conduit system, cable facilities or other equipment in the Premises, Qwest

may perform such work and/or take action as is necessary to correct the condition at CLEC's expense. In the event that CLEC disputes any action Qwest seeks to take or has taken pursuant to this provision, CLEC may pursue immediate resolution by the Commission or a court of competent jurisdiction.

8.2.3.10 All equipment placed will be subject to random safety audits conducted by Qwest. These audits will determine whether the equipment meets the NEBS Level 1 safety standards required by this Agreement. CLEC will be notified of the results of this audit. If, at any time, pursuant to a random audit or otherwise, Qwest determines that the equipment or the installation does not meet the NEBS standards described in Section 8.2.1.8, CLEC will be responsible for the costs associated with the removal, modification to, or installation of the equipment to bring it into compliance. Qwest shall provide written notice of the non-compliance to CLEC, and such notice will include: (1) identification of the specific equipment and/or installation not in compliance; (2) the NEBS 1 safety requirement that is not met by the equipment and/or installation; (3) the basis for concluding that CLEC's equipment and/or installation does not meet the safety requirement; and (4) a list of all equipment that Qwest locates at the Premises in question, together with an affidavit attesting that all of that equipment meets or exceeds the safety standard that Qwest contends CLEC's equipment fails to meet. If CLEC fails to correct any non-compliance within fifteen (15) calendar Days of written notice of non-compliance, or if such non-compliance cannot be corrected within fifteen (15) calendar Days of written notice of non-compliance, and if CLEC fails to take all appropriate steps to correct any non-compliance as soon as reasonably possible, Qwest may pursue immediate resolution by the Commission or a court of competent jurisdiction. If there is an immediate threat to the safety of Qwest employees, or an immediate threat to the physical integrity of the conduit system, cable facilities, or other equipment in the Premises, Qwest may perform such work and/or take such action as is necessary to correct the condition at CLEC's expense.

8.2.3.11 Qwest shall provide basic telephone service with a connection jack at the request of CLEC for Caged or Cageless Physical Collocation space. Upon CLEC's request, this service shall be available per standard Qwest business service Provisioning processes and rates.

8.2.3.12 For Caged Physical Collocation, CLEC's leased floor space will be separated from other CLECs and Qwest space through a cage enclosure. Qwest will construct the cage enclosure or CLEC may choose from Qwest approved contractors or may use another vendor of CLEC's own choosing, subject to Qwest's approval which may not be unreasonably withheld, to construct the cage enclosure. All CLEC equipment placed will meet NEBS Level 1 safety standards, and will comply with any local, state, or federal regulatory requirements in effect at the time of equipment installation or that subsequently become effective.

8.2.3.13 For Cageless Physical Collocation in a Wire Center, the minimum square footage is nine (9) square feet per bay (however, if smaller bays are or become available, Qwest will reduce the minimum square footage accordingly). Requests for multiple bay space will be provided in adjacent bays where possible. When contiguous space is not available, bays may be commingled with other CLECs' equipment bays. CLEC may request, through the Qwest Space Reclamation Policy, a price quote to rearrange Qwest equipment to provide CLEC with adjacent space.

## 8.2.4 Transmission Facility Access to Collocation Space

8.2.4.1 For Virtual or Physical Collocation, CLEC may select from four (4) optional methods for facility access to its Collocation space. They include: 1) fiber Entrance Facilities, 2) purchasing private line or Access Services, 3) Unbundled Network Elements; and 4) microwave Entrance Facilities. Other Entrance Facility technologies may be requested through the BFR process.

8.2.4.2 Collocation Fiber Entrance Facilities. Qwest offers three (3) Fiber Collocation Entrance Facility options – Standard Fiber Entrance Facility, Cross Connect Fiber Entrance Facility, and Express Fiber Entrance Facilities. These options apply to Caged and Cageless Physical Collocation and Virtual Collocation. Fiber Entrance Facilities provide the connectivity between CLEC's collocated equipment within the Qwest Wire Center and a Collocation Point of Interconnection (C-POI) outside the Qwest Wire Center where CLEC shall terminate its fiber-optic facility, except the Express Fiber Entrance Facilities.

8.2.4.3 CLEC is responsible for providing its own fiber facilities to the C-POI outside Qwest's Wire Center. Qwest will extend the fiber cable from the C-POI to a Fiber Distribution Panel (FDP). Additional fiber, conduit and associated riser structure will then be provided by Qwest from the FDP to continue the run to CLEC's leased Collocation space (Caged or Cageless Physical Collocation) or CLEC's equipment (Virtual Collocation). The Qwest-provided facility from the C-POI to the leased Collocation space (Physical Collocation) or CLEC equipment (Virtual Collocation) shall be considered the Collocation Fiber Entrance Facility. The preceding provisions do not apply to an Express Fiber Entrance Facility which provides that CLEC fiber will be pulled to CLEC Collocation equipment without splices or termination on an FDP.

8.2.4.3.1 Standard Fiber Entrance Facility -- The standard fiber Entrance Facility provides fiber connectivity between CLEC's fiber facilities delivered to the C-POI and CLEC's Collocation space in increments of twelve (12) fibers. CLEC's fiber cable is spliced into a Qwest-provided shared fiber entrance cable that consists of six (6) buffer tubes containing twelve (12) fibers each for a seventy-two (72) fiber cable. The seventy-two (72) fiber cable shall be terminated on a Fiber Distribution Panel (FDP). A twelve (12) fiber Interconnection cable is placed between CLEC's Collocation space and the FDP. The FDP provides Qwest with test access and a connection point between the transport fiber and CLEC's Interconnection cable.

8.2.4.3.2 Cross Connect Fiber Entrance Facility -- The cross connect fiber Entrance Facility provides fiber connectivity between CLEC's fiber facilities delivered to a C-POI and multiple locations within the Qwest Wire Center. CLEC's fiber cable is spliced into a Qwest-provided shared fiber entrance cable in twelve (12) fiber increments. The Qwest fiber cable consists of six (6) buffer tubes containing twelve (12) fibers each for a seventy-two (72) fiber cable. The seventy-two (72) fiber cable terminates in a fiber distribution panel. This fiber distribution panel provides test access and flexibility for Cross Connection to a second fiber distribution panel. Fiber Interconnection cables in four (4) and twelve (12) fiber options connect the second fiber distribution panel and equipment locations in the Qwest Wire Center. This option has the ability to serve multiple locations or pieces of equipment within the Qwest Wire Center.

This option provides maximum flexibility in distributing fibers within the Wire Center and readily supports Virtual and Cageless Physical Collocation and multiple CLEC locations in the office. This option also supports transitions from one (1) form of Collocation to another.

8.2.4.3.3 Express Fiber Entrance Facility – Qwest will place CLEC-provided fiber cable from the C-POI directly to CLEC's Collocation space. The fiber cable placed in the Wire Center must meet NEBS Level 1 fire rating requirements. If CLEC provided cable does not meet NEBS Level 1 fire rating requirements then a transition splice will occur in the cable vault to insure that the cable within the Qwest Wire Center meets requirements. This option will not be available if there is only one (1) conduit with two (2) unused innerducts (one (1) for emergency restoral and one for a shared entrance cable).

8.2.4.4 Qwest will designate the location of the C-POI for Virtual, Caged Physical or Cageless Physical Collocation arrangements.

8.2.4.5 The Collocation Entrance Facility is assumed to be fiber optic cable and meets industry standards (GR. 20 Core). Metallic sheath cable is not considered a standard Collocation Entrance Facility. Requests for non-standard entrances will be considered through the BFR process described in the Bona Fide Request Process Section of this Agreement. All costs and Provisioning intervals for non-standard entrances will be developed on an Individual Case Basis.

8.2.4.6 Qwest shall provide an Interconnection point or points, physically accessible by both Qwest and CLEC, at which the fiber optic cable carrying CLEC's circuits can enter Qwest's Wire Center, provided that Qwest shall designate Interconnection points as close as reasonably possible to its Premises. Qwest shall offer at least two (2) such Interconnection points at each Qwest Wire Center when at least two (2) entry points pre-exist and duct space is available. Qwest will not initiate construction of a second, separate Collocation Entrance Facility solely for Collocation. If Qwest requires the construction of a new Collocation Entrance Facility for its own use, then the needs of CLEC will also be taken into consideration.

8.2.4.7 As an alternative to the Fiber Entrance Facilities described above, CLEC may purchase Qwest Tariffed or cataloged Private Line or Switched Access Services.

8.2.4.8 As an alternative to the Fiber Entrance Facilities described above, CLEC may purchase unbundled dedicated interoffice transport.

8.2.4.9 Microwave Entrance Facilities. Qwest offers Microwave Entrance Facilities, on Premises owned or controlled by Qwest, to access CLEC transmission equipment collocated on or inside the Qwest Premises. The rooftop, duct, conduit, and riser cable space for Microwave Entrance Facilities is available on a first-come, first-served basis, where Technically Feasible. CLEC may place its microwave antenna on a Qwest owned or controlled existing tower, building, or supporting structure, where space is available, or CLEC may construct such tower or supporting structure, if necessary and if there is sufficient space and the building structure is not jeopardized. Such microwave equipment will be limited to that which is necessary for Interconnection to Qwest's network or access to Qwest's Unbundled Network Elements.

8.2.4.9.1 Qwest will jointly coordinate and plan with CLEC for the placement and location of the microwave equipment on a non-penetrating roof mount, or an existing tower or supporting structure on the exterior of a Qwest Premises. The method of placing CLEC microwave equipment shall be mutually agreed upon. Tower space or building roof space that allows for unobstructed line-of-sight will be provided by Qwest where Technically Feasible. A weather proof cable entry hatch or an existing wave-guide hatch or other suitable entrance into the building is required. If space is available, CLEC may use an existing cable entry hatch or a new cable entry hatch will need to be constructed. The cable entry hatch charges are on a per port used basis.

8.2.4.9.2 CLEC can perform the determination of line-of-sight feasibility or CLEC can request Qwest perform the line-of-sight feasibility. CLEC will submit a Microwave Entrance Facility Application for each antenna arrangement and each Qwest Premises requested. A site visit will include appropriate Qwest and CLEC personnel for the purpose of determining whether an unobstructed line-of-sight is Technically Feasible and structural analysis of the building. The site visit will take place within fifteen (15) calendar Days, or as soon thereafter as can be scheduled by the Parties, of receipt by Qwest of CLEC's Microwave Entrance Facility Application. If CLEC performs the structural analysis and line-of-sight feasibility, it shall submit a response regarding its analysis to Qwest and Qwest will only bill for an escort fee per site requested. If either Party disputes the technical feasibility, space availability, or other conditions proposed by Qwest, the Parties will promptly petition the Commission for resolution of the dispute.

8.2.4.9.3 If Qwest performs the feasibility analysis, a response will be provided to CLEC within thirty (30) calendar Days of the site visit with the structural analysis and line-of-sight feasibility. If the site visit determines that unobstructed line-of-sight and placement of the microwave equipment are not Technically Feasible, CLEC will be billed only for the site visit. If the site visit determines that the placement of microwave equipment is Technically Feasible, Qwest will provide a quote for the Microwave Entrance Facility with the quote for the submitted Collocation Application. If CLEC does not submit a Collocation Application for the Premises within thirty (30) Days following the completion of the line-of-sight and structural feasibility analysis or CLEC subsequently cancels the Collocation Application, CLEC will be billed for the site visit.

8.2.4.9.4 CLEC must obtain all necessary variances, licenses, approvals and authorizations from governmental agencies with jurisdiction, such as use permits, building permits, FCC licenses and FAA approval, if required, to construct, operate and maintain CLEC's facilities. If Qwest's assistance is required in order for CLEC to obtain necessary licenses or permits, Qwest will not unreasonably withhold such assistance. CLEC will pay all expenses associated with that assistance on a time and materials basis.

8.2.4.9.5 CLEC is responsible for the engineering, purchasing, supplying, installing, maintaining, repairing and servicing of its microwave specific equipment. CLEC shall provide the cable from the radio frequency (RF) equipment to the building cable entry hatch. However, CLEC is not permitted to penetrate the building exterior wall or roof. Qwest will do all building penetration and Qwest will install the coaxial cable or wave-guide/transmission facility from

the cable entry hatch to CLEC's Collocation space within the interval, as set forth in Section 8.4, for the type of Collocation requested by CLEC. CLEC facilities shall not physically, electronically, or inductively interfere with the existing Qwest or other CLECs' equipment. Each transmitter individually and all transmitters collectively, for Qwest, Qwest Affiliates and CLECs, at a given location shall comply with appropriate federal, state, and local regulations governing the safe levels of RF radiation.

8.2.4.9.6 Upon expiration or termination of the Collocation arrangement or the Microwave Entrance Facility, CLEC shall return the antenna space to its original condition. CLEC shall repair any damages caused by removal of its microwave equipment, or by the use, operation or placement of its microwave equipment on the Premises. If CLEC performs the foregoing, Qwest shall impose no charges on CLEC for such work. In the event CLEC fails to remove its microwave equipment, CLEC shall be liable to Qwest for all reasonable costs of removal, restoration of the property, storage, and transportation to CLEC of such microwave equipment incurred by Qwest.

## 8.2.5 Terms and Conditions – ICDF Collocation

8.2.5.1 Interconnection Distribution Frame (ICDF) Collocation is available if CLEC has not obtained Caged or Cageless Physical Collocation, but requires access to Qwest's Wire Center for combining Unbundled Network Elements, Finished Services, including local Interconnection trunks, and ancillary services. ICDF Collocation provides CLEC with access to the Interconnection Distribution Frame, where Qwest will terminate the Unbundled Network Elements, Finished Services and ancillary services ordered by CLEC. CLEC may combine such services by running a jumper on the ICDF, in accordance with Section 8.2.5.3. CLEC access to the ICDF will be on the same terms and conditions described for other types of Collocation in this Section. There are multiple frames that could be used for ICDF Collocation including, but not limited to, the following: a) existing Interconnection Distribution Frame (ICDF); b) existing DSX panels for DS1 and DS3 services; c) new Interconnection Distribution Frame; d) existing toll frame; e) fiber distribution panel; and, f) existing intermediate frame. Qwest-provided combinations in accordance with Sections 9.1 and 9.23.3.7 are not provided by Qwest in CLEC's ICDF Collocation space.

8.2.5.2 All Qwest terminations on the Interconnection Distribution Frame will be given a frame address. Qwest will establish and maintain frame address records for Qwest terminations. Qwest will maintain assignment records for each Unbundled Network Element, Finished Service, and ancillary service ordered by CLEC that is terminated on the Interconnection Distribution Frame. Qwest will provide CLEC with the frame assignments for each Unbundled Network Element, Finished Service, and ancillary service terminated on the ICDF.

8.2.5.3 CLEC will be required to place the jumper connection between frame addresses to connect Unbundled Loops, ancillary and Finished Services. CLEC will be required to maintain the records for CLEC-provided jumpers.

8.2.5.4 Reserved for Future Use.

## 8.2.6 Terms and Conditions - Adjacent Collocation and Adjacent Remote Collocation

8.2.6.1 CLEC may request Adjacent Collocation and Adjacent Remote Collocation in an existing Qwest controlled environmental vault, controlled environmental hut, or similar structures on or under Qwest owned, leased or otherwise controlled property contiguous to a Qwest Premises, to the extent Technically Feasible. Adjacent Collocation in an existing structure shall be ordered as Physical Collocation. Adjacent Remote Collocation in an existing structure shall be ordered as Remote Collocation.

8.2.6.1.1 Alternatively, if no such structure described above exists, CLEC may choose to construct or procure a structure to place on or under Qwest owned, leased or otherwise controlled property contiguous to a Qwest Premises. Such adjacent structure shall be in accordance with Qwest's design and space planning for the site. CLEC may propose the design for the adjacent structure, subject to Qwest's approval. Qwest will review the building and property plans for the new structure within thirty (30) calendar Days.

8.2.6.1.2 CLEC shall own such structure, subject to a reasonable ground space lease. If CLEC terminates its Adjacent Collocation space, Qwest shall have the right of first refusal to such structure under terms to be mutually agreed upon by the Parties. In the event Qwest declines to take the structure or terms cannot be agreed upon, CLEC may transfer such structure to another CLEC for use for Interconnection and or access to UNEs. Transfer to another CLEC shall be subject to Qwest's approval, which approval shall not be unreasonably withheld. If no transfer of ownership occurs, CLEC is responsible for removal of the structure and returning the property to its original condition.

8.2.6.2 Qwest shall provide written authorization for use of Qwest's property to CLEC or CLEC's contractor, to the extent that Qwest owns or controls such property, to assist CLEC in obtaining any building permits or other approvals that may be necessary to construct the facility. CLEC is responsible for construction of the structure or procurement of an existing structure. CLEC is responsible for meeting all State and municipal building and zoning requirements.

8.2.6.3 Qwest will provide power and all other Physical Collocation services and facilities.

8.2.6.4 Upon request, Qwest will evaluate all parking or other spaces outside the Qwest Premises on Qwest property that can be reasonably made available to CLEC for Adjacent Collocation. Qwest will retain a reasonable amount of parking space for Qwest technicians or other vehicles, including CLEC's. Space below a hoisting area will not be relinquished for Collocation space.

8.2.6.5 If Physical Collocation space becomes available in a previously exhausted Qwest structure, Qwest shall not require CLEC to move, or prohibit CLEC from moving its Collocation arrangement into the Qwest structure. Instead, Qwest shall continue to allow CLEC to collocate in any adjacent controlled environmental vault, controlled environmental hut, or similar structure.



## 8.2.7 Terms and Conditions – Remote Collocation

8.2.7.1 Remote Collocation allows CLEC to collocate in a Qwest Remote Premises that is located remotely from a Qwest Wire Center building property. Such Remote Premises include controlled environmental vaults, controlled environmental huts, cabinets, pedestals and other Remote Terminals.

8.2.7.2 The terms and conditions for Physical Collocation or Virtual Collocation shall apply to Remote Collocation as appropriate to the specific Remote Premises structure and subject to technical feasibility (e.g., Section 8.2.3.11 and Section 8.2.4 would not apply), or if appropriate, Adjacent Collocation as set forth above. Space will be offered in increments appropriate to the Remote Premises structure (i.e., shelf, relay rack, etc.).

## 8.2.8 Terms and Conditions – Facility Connected (FC) Collocation

8.2.8.1 Facility Connected (FC) Collocation provides access via an Entrance Facility if CLEC does not need to collocate equipment in the Wire Center but requires access for Interconnection or access to UNEs, ancillary services and Finished Services. CLEC will submit its order using the FC Collocation Application. FC Collocation is provided on a termination block or termination panel within the designated Wire Center. Qwest will engineer, provision, maintain and repair all services to the FC Collocation. CLEC does not have physical access to the FC Collocation.

8.2.8.2 Qwest will perform the installation of services to the block or panel termination point indicated by CLEC on its orders, LSRs or ASRs, based on the connecting facility assignments (CFAs) from CLEC's alternative point of termination (APOT) form.

8.2.8.3 FC Collocation is available with the following configurations:

8.2.8.3.1 Copper Entrance Facility for termination and Cross Connection to appropriate Digital Service Level 0 (DS0) and Digital Service Level 1 (DS1) UNE services. If utilized for DS1 UNEs, CLEC must transmit a Trunk Level 1 (T1) templated signal over the copper facility. DS1 copper Entrance Facilities will be wired to a DS1 office repeater to remove line voltage before terminating on the DSX panel. Qwest will install and charge for this line voltage isolation equipment.

8.2.8.3.2 Fiber Entrance Facility termination and Cross Connection.

8.2.8.3.3 Other levels of service such as Digital Service Level 3 (DS3) or DS1 utilizing fiber are available via the Bona Fide Request (BFR).

8.2.8.4 Protection for lightning or voltage is required for copper Entrance Facilities and will require protection units (i.e., line voltage isolation equipment) on standard connector blocks on the distribution frame. Qwest will engineer and install this protection. All copper cables must come through a cable vault and have grounded/bonded sheaths.

8.2.8.5 CLEC is responsible for providing an Entrance Facility to the Qwest

designated Collocation Point of Interface (C-POI).

8.2.8.6 All Qwest terminations on the termination frame or panel will be given a frame address. Qwest will maintain frame or panel address records for Qwest terminations. CLEC will maintain its CFA records.

### **8.3 Rate Elements**

Rate elements for Collocation are included in Exhibit A.

#### **8.3.1 Rate Elements - All Collocation**

8.3.1.1 Qwest will recover Collocation costs through both recurring and nonrecurring charges. The charges are determined by the scope of work to be performed based on the information provided by CLEC on the Collocation Application. A quote is then developed by Qwest for the work to be performed.

8.3.1.2 The following elements as specified in Exhibit A of this Agreement are used to develop a price quotation in support of Collocation:

8.3.1.3 Quote Preparation Fee. A non-refundable charge for the work required to verify space and develop a price quote for the total costs to CLEC for its Collocation request.

8.3.1.4 Collocation Entrance Facility Charge. Provides for the fiber optic cable (in increments of 12 fibers) from the C-POI utilizing Qwest owned, conventional single mode type of fiber optic cable to the collocated equipment (for Virtual Collocation) or to the leased space (for Caged or Cageless Physical Collocation). The Collocation Entrance Facility includes manhole, conduit/innerduct, placement of conduit/innerduct, fiber cable, fiber placement, splice case, a splice frame, fiber distribution panel, and relay rack. Charges apply per fiber pair. Express Fiber Entrance Facility does not include fiber cable, splice case, a splice frame or fiber distribution panel. Microwave Entrance Facility charges are addressed in 8.3.1.17.

8.3.1.5 Cable Splicing Charge. Represents the labor and equipment to perform a subsequent splice to CLEC provided fiber optic cable after the initial installation splice. Includes per-setup and per-fiber-spliced rate elements.

8.3.1.7 AC Power Feed. Recovers the cost of providing for the engineering and installation of wire, conduit and support, breakers and miscellaneous electrical equipment necessary to provide the AC power, with generator backup, to CLEC's space. The AC Power feed is optional. The AC Power Feed is available with single or triple phase options. The AC Power Feed is rated on a per foot and per ampere basis.

8.3.1.8 Inspector Labor Charge. Provides for Qwest qualified personnel, acting as an inspector, when CLEC requires access to the C-POI after the initial installation. A call-out of an inspector after business hours is subject to a minimum charge of three (3) hours. The minimum call-out charge shall apply when no other employee is present in the location, and an 'off-shift' Qwest employee (or contract employee) is required to go 'on-shift' on behalf of CLEC.

8.3.1.9 Channel Regeneration Charge. Channel Regeneration will not be charged separately for Interconnection between a Collocation space and Qwest's network. Channel Regeneration will not be charged separately for facilities used by CLEC to access Unbundled Network Elements and ancillary services from the Collocation space, but if based on the ANSI Standard for cable distance limitations, regeneration would not be required but is specifically requested by CLEC, then the Channel Regeneration Charge would apply. If Channel Regeneration is required, based on the ANSI standard for cable distance limitations, Qwest will recover the costs indirectly and on a proportionate basis with equal sharing of the costs among all collocators and Qwest. Cable distance limitations are based on ANSI Standard T1.102-1993 "Digital Hierarchy – Electrical Interface; Annex B."

8.3.1.10 Interconnection Tie Pairs (ITP) are described in the UNE Section, and apply for each Unbundled Network Element, ancillary service or Interconnection service delivered to CLEC. The ITP provides the connection between the Unbundled Network Element, ancillary service or Interconnection service and the Demarcation Point.

8.3.1.11 Collocation Terminations. Terminations are purchased by CLEC for the purpose of accessing Unbundled Network Elements. These terminations may be requested in Shared Access and Direct Connection Configurations.

#### 8.3.1.11.1 Shared Access

8.3.1.11.1.1 In a Shared Access configuration, there are multiple frames that could be designated as an ICDF or an appropriate Demarcation Point including, but not limited to, the following:

- a) Existing Interconnection Distributing Frame (ICDF)
- b) Existing DSX Panels for DS1 and DS3 services
- c) New Interconnection Distributing Frame
- d) Existing Toll Frame
- e) Fiber Distribution Panel
- f) Existing Intermediate Frame

8.3.1.11.1.2 The ICDF is the test access point. It would not be uncommon to find multiple service providers, including Qwest, on the ICDF at any one time. This element includes Qwest's provided termination blocks, installation labor between CLEC collocated equipment and the appropriate cross connect device. Cabling is also required and may be provided by CLEC or at its request, Qwest will provide cabling at an additional charge. When Qwest provides the cabling, Collocation Block Termination rates will apply as contained in Exhibit A of this Agreement. When CLEC provides the cabling, Collocation Termination rates, on a per termination basis, will apply as contained in Exhibit A of this Agreement. When CLEC provides and installs the tie cables, blocks and terminations on the ICDF, no Collocation Termination rates will apply.

### 8.3.1.11.2 Direct Connection

8.3.1.11.2.1 Direct Connection provides an uninterrupted path from the Collocation space to an existing frame. This option will guarantee that there will not be an ICDF. The connection will be designed from the Collocation space to the same frame that Qwest uses to connect to that specific service. For example, if CLEC wants to connect directly from its Collocation space to a 911 router, the infrastructure for the 911 trunks will terminate in a DS1 bay location with the 911-router circuits. There are several options for the location of the Demarcation Point. CLEC will select its desired option via the Direct Connection Collocation Application. If CLEC chooses a demarcation inside the Collocation space, CLEC should order and install the termination equipment itself. Demarcation equipment must be noted on the order form so that a CLLI code and unique tie cable assignments can be generated for systems flow through. If CLEC chooses a demarcation outside its Collocation space, Qwest will maintain and inventory this device. Direct terminations may be ordered where frame space is available. If frame space is exhausted the terminations may need to be made at another frame. Upon completion of the pre-provisioning of the Direct Connection, CLEC will receive an Alternate Point of Termination (APOT) form so that it may order Finished Services and UNEs. CLEC will be responsible for augmenting terminations as required. The Direct Connection APOT information must be provided on the ASR or LSR to insure that the services are designed to the dedicated path.

8.3.1.11.2.2 CLEC's termination point will require a CLLI code (e.g., Frame Number) and the dedicated tie pairs will require a unique name to enable automatic assignment through TIRKS™ and SWITCH™ via Carrier Facilities Address (CFA) methods.

8.3.1.11.2.3 If CLEC wishes to arrange terminations on a 2-wire POTS level cross connect device of the modular type, i.e. COSMIC™ Hardware, standard-engineering principles will apply. Provisioning intervals and costs will be customized and determined on an Individual Case Basis (ICB). A five (5) year forecast including terminations per quantities will be required. MELD™ runs will be required for the initial COSMIC™ plan and each subsequent block addition. To minimize CLEC's cost, to the extent feasible, Qwest shall consolidate CLEC's requirements with the requirements of Qwest and other CLECs into a single MELD™ run whenever feasible. Costs of such consolidated MELD™ runs shall be prorated among the parties, including Qwest. Minimum installation requires at least one (1) block for every two (2) outside plant modules. A one-half (½) shelf of block capacity must be reserved for future block space.

8.3.1.11.2.4 Requests for terminations at a DS0, DS1, DS3 and optical level (non-POTS) may also be made directly to the respective frame or panel (i.e., toll frame, DSX, FDP, etc.). Direct Connections to these frames do not require MELD™ runs and short jumper engineering

principals, as with the COSMIC™ frame. However these connections will require coordination between Qwest and CLEC to ensure that the cable is terminated in an existing frame with the service that CLEC is wishing to connect with. Direct Connection is ordered via the supplemental Collocation order form, Direct Connection (DC-POT). Timing, pricing and feasibility will be determined on the basis of a specific, in-depth building analysis. Direct Connections are available where available frame space permits. If frame space is exhausted, terminations may need to be made at another frame. Space availability will be determined during the feasibility request phase of the order. Rates for Direct Connection Terminations will be on an ICB basis using rates defined in Exhibit A.

8.3.1.11.3 Terminations may be purchased in the following increments: DS0 in increments of 100 or less; DS1 in increments of 28 or less; and DS3 in increments of one (1) coaxial cable or fiber pair.

8.3.1.12 Security Charge. This charge applies to the keys/card and card readers, required for CLEC access to the Qwest Premises for the purpose of Collocation. Charges are assessed per CLEC employee, per card, per Premises on a monthly basis.

8.3.1.13 Composite Clock/Central Office Synchronization. Recovers the cost of providing composite clock and/or DS1 synchronization signals traceable to a stratum one source. CLEC must determine the synchronization requirements for CLEC's equipment and notify Qwest of these requirements when ordering the clock signals. Central Office Synchronization is required for Virtual Collocation involving digital services or connections. Synchronization may be required for analog services. Central Office Synchronization is available where Qwest Central Offices are equipped with Building Integrated Timing Supply (BITS). The rate is applied on a per Port basis in accordance with Exhibit A.

8.3.1.14 -48 Volt DC Power Cable Charge. Provides for the transmission of -48 volt DC power to the collocated equipment and is fused at one hundred twenty-five percent (125%) of request. It includes engineering, furnishing and installing the main distribution bay power breaker, associated power cable, cable rack and local power bay to the closest power distribution bay. It also includes the power cable (feeders) A and B from the local power distribution bay to the leased physical space (for Caged or Cageless Physical Collocation) or to the collocated equipment (for Virtual Collocation). It is charged per foot, per A and B feeder.

8.3.1.15 Space Availability Report Charge – Recovers the cost of preparing a Space Availability Report in accordance with Section 8.2.1.9.1.

8.3.1.16 CLEC-to-CLEC Connection Charge. Recovers the cost of order processing, design and engineering. Additional charges will be assessed for Virtual Collocation connections and cable holes, if applicable. There will be recurring charges for cable racking.

8.3.1.17 Microwave Entrance Facility – The charges for Microwave Entrance Facility include the recurring and nonrecurring charges associated with preliminary rooftop engineering and survey analysis, Premises structural analysis and line of sight feasibility, if performed by Qwest; space rental for the rooftop and existing antenna

support structure, cable racking, cable, building penetration for cable entry, and other work as required.

8.3.1.18 Joint Testing Charges: The charges for Joint Testing are nonrecurring. It is a minimum of one (1) hour per Joint Testing request at the Virtual Collocation maintenance rate, specified in Exhibit A, and a per half-hour charge at the same rate for any time exceeding the one (1) hour. Qwest will not charge for the Joint Testing based on the Joint Testing Qwest-caused error rate as described in Section 8.2.1.31.3.

8.3.1.19 DC Power Reduction and Restoration Rates: CLEC will be charged the applicable nonrecurring Quote Preparation Fee (QPF) or Engineering and Design Fee to perform the engineering and planning work to process the DC Power Reduction or DC Power Restoration request per Collocation space. Nonrecurring charges associated with the work required to reduce the fuse or breaker size, rewiring the power lead at the power source or relocation of the power feed will be on an ICB basis. When power is restored, nonrecurring charges will be assessed on an ICB basis for the work required to restore the power utilizing standard power rate elements for power usage, labor and cabling charges. A recurring Power Maintenance Charge is associated with the option to hold the power infrastructure for a secondary feed for potential future use by CLEC. The recurring charge will terminate on the date a restoration job completes for the power feed or CLEC returns the fuse position to Qwest.

8.3.1.20 Collocation Available Inventory Charges. For standard Qwest Postings of Collocation Available Inventory, CLEC will be charged the standard Collocation rates, including the applicable QPF or Engineering and Planning Fee. CLEC will also be charged for removal of terminations. For Special Sites, assuming CLEC will be charged a Special Site Assessment Fee instead of the standard QPF, unless CLEC requests an augment to the existing site in its initial Collocation Application, then the standard approved QPF will be charged as defined in Exhibit A. CLEC ordering a Special Site, in addition to the standard Collocation rates, will also be charged a nonrecurring Network Systems Administration Fee for the systems and record updates required to transfer the Collocation Site to assuming CLEC and, if a site survey is requested by CLEC, a Site Survey Fee. Any CLEC equipment left in the site will be transferred to assuming CLEC at no charge. Recurring charges for all products and services will be charged at rates listed in assuming CLEC Interconnection Agreement without a discount.

## 8.3.2 Rate Elements - Virtual Collocation

The following rate elements, as specified in Exhibit A, apply uniquely to Virtual Collocation.

8.3.2.1 Maintenance Labor. Provides for the labor necessary for repair of out of service and/or service-affecting conditions and preventative maintenance of CLEC virtually collocated equipment. CLEC is responsible for ordering maintenance spares. Qwest will perform maintenance and/or repair work upon receipt of the replacement maintenance spare and/or equipment from CLEC. A call-out of a maintenance technician after business hours is subject to a minimum charge of three (3) hours.

8.3.2.2 Training Labor. Provides for the training of Qwest personnel on a metropolitan service area basis provided by the vendor of CLEC's virtually collocated equipment when that equipment is different from Qwest-provided equipment. Qwest will require three (3) Qwest employees to be trained per metropolitan service area in which

CLEC's virtually collocated equipment is located. If, by an act of Qwest, trained employees are relocated, retired, or are no longer available, Qwest will not require CLEC to provide training for additional Qwest employees for the same virtually collocated equipment in the same metropolitan area. Where more than one (1) CLEC in the same metropolitan area selects the same virtually collocated equipment, the training costs shall be prorated to each according to the number of CLECs so selecting.

8.3.2.3 Equipment Bay. Provides mounting space for CLEC virtually collocated equipment. Each bay includes the seven (7) foot bay, its installation, and all necessary environmental supports. Mounting space on the bay, including space for the fuse panel and air gaps necessary for heat dissipation, is limited to 78 inches. The monthly rate is applied per shelf. CLEC may request use of alternate bay heights of 9 foot and 11 foot 6 inches, which will be considered on an Individual Case Basis. No Equipment Bay Charge is assessed if CLEC provides its own equipment bay.

8.3.2.4 Engineering Labor. Provides the planning and engineering of CLEC virtually collocated equipment at the time of installation, change or removal.

8.3.2.5 Installation Labor. Provides for the installation, change or removal of CLEC virtually collocated equipment.

8.3.2.6 Floor Space Lease. Required for Virtual Collocation only in the instance where CLEC provides its own equipment bay. This rate element provides the monthly lease for the space occupied by CLEC-provided equipment bay, including property taxes and base operating cost without -48 volt DC power. Includes convenience 110 AC, 15 amp electrical outlets provided in accordance with local codes and may not be used to power transmission equipment or -48 volt DC power generating equipment. Also includes maintenance for the leased space; provides for the preventative maintenance (climate controls, filters, fire and life systems and alarms, mechanical systems, standard HVAC); biweekly housekeeping services (sweeping, spot cleaning, trash removal) of Qwest Premises areas surrounding CLEC-provided equipment bay and general repair and maintenance. The Floor Space Lease includes required aisle space on each side of CLEC-provided equipment bay.

### **8.3.3 Rate Elements - Physical Collocation**

8.3.3.1 Space Construction and Site Preparation. Includes the material and labor to construct and prepare the space, including all support structure, cable racking and lighting required to set up the space. It also includes air conditioning (to support CLEC loads specified), lighting (not to exceed 2 watts per square foot), and convenience outlets (3 per Caged or Cageless Collocation or number required by building code) and the cost associated with space engineering. If a new line-up is established for Cageless Collocation, an AC power outlet will be provided at every other bay in the line-up. Cageless bays placed in existing line-ups will use the existing outlets. For Caged Collocation, it includes a nine (9) foot high cage enclosure. CLEC may choose from Qwest approved contractors or may use another vendor of CLEC's own choosing, subject to Qwest's approval, which may not be unreasonably withheld, to construct the space, including the cage in the case of Caged Collocation, in accordance with NEBS Level 1 safety requirements. Pricing for the Space Construction and Site Preparation is described in Exhibit A. In the case of Shared Collocation, Qwest may not increase the cost of site preparation or nonrecurring charges above the TELRIC cost for Provisioning

such a cage of similar dimensions and material to a single collocating party, and Qwest must prorate the charge for site conditioning and preparation by determining the total charge for site preparation and allocating that charge to CLEC based on the percentage of the total space used by CLEC. Qwest must in all cases of Shared space Collocation allocate space preparation, conditioning, security measures and other Collocation charges on a pro-rated basis to ensure that the charges paid by CLEC as a percentage of the total overall space preparation and conditioning expenses do not exceed the percentage of the total Collocation space used by CLEC.

8.3.3.2 Floor Space Lease. Provides the monthly lease for the leased physical space, property taxes and base operating cost without -48 volt DC power. Includes convenience 110 AC, 15 amp electrical outlets provided in accordance with local codes and may not be used to power transmission equipment or -48 volt DC power generating equipment. Also includes maintenance for the leased space; provides for the preventative maintenance (climate controls, filters, fire and life systems and alarms, mechanical systems, standard HVAC); a pro-rata share of biweekly housekeeping services (sweeping, spot cleaning, trash removal) of Qwest Premises common areas surrounding the leased physical space and general repair and maintenance. The Floor Space Lease includes required aisle space on each side of the cage enclosure, as applicable.

8.3.3.3 Intentionally Left Blank.

8.3.3.4 Collocation Grounding Charge. Used to connect the Premises common ground to CLEC equipment. Recurring and nonrecurring charges are assessed per foot to CLEC's equipment.

#### **8.3.4 Rate Elements - ICDF Collocation**

8.3.4.1 The charges for ICDF Collocation are the nonrecurring and recurring charges associated with the Unbundled Network Elements or ancillary services ordered by CLEC, the cost of extending the Unbundled Network Elements or ancillary services to the Demarcation Point, which are recovered through the ITP charges described in the UNE Section, and the Security charge, described in this Section.

#### **8.3.5 Rate Elements – Adjacent Collocation**

8.3.5.1 The charges for Adjacent Collocation will be developed on an Individual Case Basis, except where the Commission finds that standard pricing elements can be reasonably identified and their costs determined, depending on the specific needs of CLEC and the unique nature of the available adjacent space (e.g., existing structure or new structure to be constructed).

#### **8.3.6 Rate Elements – Remote Collocation and Adjacent Remote Collocation**

8.3.6.1 The charges for Remote Collocation will be developed on an Individual Case Basis except where the Commission finds that standard pricing elements can be reasonably identified and their costs determined.



### **8.3.7 Rate Elements – CLEC-to-CLEC Connections**

8.3.7.1 The charges for CLEC-to-CLEC Connections are addressed in Section 8.3.1.16.

### **8.3.8 Rate Elements – Facility Connected (FC) Collocation**

8.3.8.1 Rate elements for Facility Connected (FC) Collocation include: QPF or Planning and Engineering; copper entrance facility; fiber entrance facility; termination block with gas protectors; termination panel; and DS1 voltage isolation. Charges associated with these rate elements are specified in Exhibit A of this Agreement. These rate elements and their associated charges are used to develop a price quotation for FC Collocation based on CLEC's FC Collocation Application and the type of Entrance Facility requested.

## **8.4 Ordering**

### **8.4.1 Ordering - All Collocation**

8.4.1.1 CLEC must complete the requirements in the Implementation Schedule Section of this Agreement before submitting a Collocation Application Form to Qwest.

8.4.1.1.1 Nothing in this Agreement shall be construed to preclude CLEC from submitting an order for Collocation prior to CLEC's execution of this Agreement. If, however, the Collocation interval is completed before this Agreement or another interconnection agreement becomes effective, the rates, terms, and conditions of this Agreement shall apply to such Collocation.

8.4.1.2 Any material changes, modifications or additional engineering (Material Changes) requested by CLEC, subsequent to its original Collocation order, as to the type and quantity of equipment or other aspects of the original Collocation order, must be submitted with a revised Collocation Application. For purposes of this section, Material Changes are changes that would significantly impair Qwest's ability to provision the requested Collocation within the applicable intervals if the changes are provisioned with the original Collocation order and would require Qwest to incur financial penalties under the terms of this Agreement or other Applicable Law. Qwest shall determine the additional time required to comply with CLEC's request for Material Changes (Additional Time), and CLEC shall have the option of (a) having the request for Material Changes implemented with the original Collocation order (within the original Provisioning intervals) as extended by the Additional Time; or (b) having Qwest process and provision the request as a subsequent construction activity or augmentation to the original Collocation order. Any nonmaterial changes, modifications, or additional engineering requested by CLEC, subsequent to its original Collocation order, may be submitted with a revised Collocation Application or otherwise communicated to Qwest and shall be implemented with the original Collocation order within the original applicable intervals.

8.4.1.3 There are three (3) primary steps in the ordering of Collocation – 1) Forecasting, 2) Application, and 3) Acceptance of Quote.

8.4.1.4 CLEC shall submit an annual forecast, updated at the end of each quarter, of its future Collocation requirements. The quarterly forecast shall be reviewed

by CLEC and the Qwest account team. CLEC's forecast shall be considered accurate for purposes of Collocation intervals if the subsequent Collocation Application correctly identifies a) and e) below, and b) and c) below are within twenty percent (20%) of the forecast. If at the time the Collocation Application is made the forecasted type of Collocation is not available, CLEC may specify a different type of Collocation without affecting the Collocation intervals. The forecast shall include, for each Qwest Premises, the following:

- a) Identification of the Qwest Premises;
- b) Floor space requirements, including the number of bays for a Cageless Collocation arrangement;
- c) Power requirements;
- d) Heat Dissipation (optional);
- e) Type of Collocation (e.g., Caged Physical, Cageless Physical, Shared, ICDF, Virtual, etc.);
- f) Intentionally Left Blank.
- g) Entrance Facility Type (e.g., Express Fiber, Private Line);
- h) Type and Quantity of Terminations (optional); and
- i) Month or Quarter, during or after which CLEC expects to submit its Collocation Application.

8.4.1.4.1 The following terms shall apply to the forecasting process:

- a) CLEC forecasts shall be provided as detailed in Section 8.4.1.4;
- b) CLEC forecasts shall be Confidential Information and Qwest may not distribute, disclose or reveal, in any form, CLEC forecasts other than as allowed and described in subsections 5.16.9.1 and 5.16.9.2.

8.4.1.5 CLEC shall submit a Collocation Application to order Collocation at a particular Qwest Premises. A Collocation Application shall be considered complete, if it contains:

- a) Identification of the Qwest Premises;
- b) Floor space requirements, including the number of bays for a Cageless Collocation arrangement;
- c) Power requirements;
- d) Heat dissipation;
- e) Type of Collocation (e.g., Caged Physical, Cageless Physical, Shared,

Virtual, etc.);

- f) Collocated equipment and technical equipment specifications (manufacturer make, model no., functionality i.e., cross connect, DLC, DSLAM, transmission, Switch, etc., physical dimensions, quantity). (NOTE: Packet or circuit switching equipment requires, in writing and attached to the Collocation Application, how this equipment is necessary for access to UNEs or Interconnection. A high level equipment interface or connectivity schematic for the equipment should also be included.);
- g) Entrance Facility type;
- h) Type and quantity of terminations;
- i) If desired, an alternate form of Collocation if the first choice is not available; and
- j) Billing contact.

8.4.1.5.1 Parties will work cooperatively to ensure the accuracy of the Collocation Application. If Qwest determines that the Collocation Application is not complete, Qwest shall notify CLEC of any deficiencies within ten (10) calendar Days after receipt of the Collocation Application. Qwest shall provide sufficient detail so that CLEC has a reasonable opportunity to cure each deficiency. To retain its place in the Collocation queue for the requested Premises, CLEC must cure any deficiencies in its Collocation Application and resubmit the Collocation Application within ten (10) calendar Days after being advised of the deficiencies.

8.4.1.6 Acceptance – After receipt of a Collocation Quote Form from Qwest, CLEC shall formally accept the quote in order for Qwest to continue the processing of the Collocation Application. A Collocation Acceptance shall be considered complete, if it contains:

- a) Signed Notification of Acceptance; and
- b) Payment of fifty percent (50%) of quoted charges.

8.4.1.7 Collocation Space Reservation – allows CLEC to reserve space and identify, to the extent available, infrastructure incidental to that space such as power and HVAC, in a Qwest Premises for up to one (1) year for transmission equipment (ATM, Packet Switching, DSLAM), three (3) years for circuit switching equipment, and five (5) years for power equipment. CLEC may reserve space in a particular Qwest Premises through the Collocation Space Reservation Application Form. Requests for contiguous space will be honored, if available.

8.4.1.7.1 Collocation Space Reservation Application – Upon receipt of the Collocation Space Reservation Application Form, Qwest will provide space feasibility within ten (10) calendar Days.

#### 8.4.1.8 Collocation Space Option

8.4.1.8.1 CLEC, Qwest and Qwest Affiliates may option space in Qwest Wire Center Premises in accordance with the terms of this Section 8.4.1.8 for the following equipment and time periods:

- a) Transmission equipment – one (1) year
- b) Circuit switching equipment – three (3) years
- c) Power plants – five (5) years

8.4.1.8.2 Optioned space is offered to CLECs for Caged, Cageless, and Virtual Collocation. To promote fairness and prevent warehousing, the following limits apply:

- a) The Party requesting the option may specify the amount of space to be optioned but not a specific location within the Wire Center, CLEC may also request space be contiguous to its existing Collocation space.
- b) A requesting CLEC may option one Collocation space per Wire Center.
- c) The maximum amount of space per Wire Center to be Optioned is:
  - 200 square feet for Caged Collocation
  - 4 bays for Cageless and Virtual Collocation

8.4.1.8.3 The Collocation Space Option Application form will be processed upon receipt of a properly completed request. Such form shall be considered properly completed if it contains identifying information of CLEC, the applicable Qwest Premises, the amount of Collocation space sought, the type of Collocation (Caged, Cageless, Virtual) and the type of equipment (from the categories identified in Section 8.4.1.8.1) for which the option is being sought. CLEC must have met all past and present undisputed financial obligations to Qwest. Upon receipt of the Collocation Space Option Application form, Qwest will confirm in writing, within ten (10) calendar Days, the availability of, and price quote (the "Option Fee") for the Optioned space. If space is not available, Qwest will deny the request.

8.4.1.8.4 CLEC must submit Acceptance with full payment of the nonrecurring portion of the Option Fee, or acknowledge non-Acceptance of the quoted Option Fee, within seven (7) calendar Days of receipt of the quotation. When Qwest takes an option on space for itself, Qwest shall impute an amount equal to the Option Fee to the appropriate operations for which the optioned space applies. The option quote expires seven (7) calendar Days after delivery to CLEC.

8.4.1.8.5 Upon receipt of Acceptance and full payment of the nonrecurring portion of the Option Fee, Qwest will option the space on behalf of CLEC including the contiguous space requests if available (or itself if appropriate) and the option time frame will begin. The prioritization of optioning will be based upon the date and time of the Acceptance. The earlier in time an Acceptance is received by Qwest, the higher in priority is such option. The option is limited to space only and does not include other elements required to provision the Collocation.

8.4.1.8.6 In order for an option request to avoid expiration, CLEC must:

- a) Submit a Collocation Application during the option time frame;  
or
- b) The option may be renewed if a Collocation Space Option Application is received at least ten (10) calendar Days prior to the expiration of the term of the existing option. The priority of a renewed option is determined by the date CLEC accepts the quote from Qwest on CLEC's renewal application.

8.4.1.8.7 First Right of Refusal – If Qwest receives a valid Collocation Application (CLEC A is the requesting party) for a Qwest Wire Center in which all available space has been occupied or optioned, the following provisions for First Right of Refusal will apply:

8.4.1.8.7.1 All Qwest out of space reporting requirements apply to the Collocation Application (Sections 8.2.1.11 and 8.2.1.12). In addition, Qwest will provide CLEC A with option space information (e.g., Caged and Cageless optioned space) that may fulfill the requirements of CLEC A's Collocation Application. At CLEC A's request, Qwest will initiate the option enforcement notice process by notifying the option party or parties with the most recent space option(s) that meets the requirements of CLEC A's Collocation Application.

8.4.1.8.7.2 The option enforcement notice serves as notification to the option party that Qwest is in possession of a valid Collocation Application, and calls for the option party to exercise its Right of First Refusal, or relinquish its space option. The option party may exercise its Right of First Refusal by submitting either a Collocation Application as set forth in Section 8.4.1.5, or by submitting the Collocation Space Reservation Application set forth in Section 8.4.1.7, within ten (10) calendar Days of receipt of the option enforcement notice. This process continues for all optioned space until all optioned space is exercised or optioned space is relinquished (affirmatively by CLEC or upon expiration of the notice period, whichever is earlier) to fulfill the Collocation Application. Once optioned space has been relinquished for use to fulfill the Collocation Application, the standard ordering terms and conditions for Collocation shall apply.

8.4.1.8.7.3 Where contiguous space has been optioned, Qwest will make its best effort to notify CLEC if Qwest, its Affiliates or other

CLECs require the use of CLEC's contiguous space. Upon notification, CLEC will have seventy-two (72) hours to indicate its intent to submit a Collocation Application or Collocation Reservation. CLEC may choose to terminate the contiguous space option or continue without the contiguous provision.

8.4.1.8.7.4 The rate elements for the Collocation Space Option are comprised of the following:

- a) Space Option Administration Fee is a nonrecurring fee for all Collocation Space Option requests and covers the processing of application, feasibility, common space engineering, records management, and administration of the First Right of Refusal process.
- b) Space Option Fee is a monthly recurring fee that will be charged based upon the amount of space being optioned, at two dollars (\$2.00) per square foot per month.

8.4.1.8.8 In the event that the option party proceeds with a Collocation Application for optioned space, all payments made pursuant to Section 8.4.1.8.7.4(b) above shall be applied to such Collocation Application.

## 8.4.2 Ordering - Virtual Collocation

8.4.2.1 Application -- Upon receipt of a complete Collocation Application as described in Section 8.4.1.5, Qwest will perform a feasibility study to determine if adequate space, power and HVAC can be found for the placement of CLEC's equipment within the Premises. The feasibility study will be provided within ten (10) calendar Days of receipt of a complete Collocation Application. As part of the feasibility study, Qwest will also notify CLEC of any known circumstance that may delay delivery of the ordered Collocation space and related facilities.

8.4.2.1.1 If Qwest determines that the Collocation Application is not complete, Qwest shall notify CLEC of any deficiencies within ten (10) calendar Days of the Collocation Application. Qwest shall provide sufficient detail so that CLEC has a reasonable opportunity to cure each deficiency. To retain its place in the Collocation queue for the requested Premises, CLEC must cure any deficiencies in its Collocation Application and resubmit the Collocation Application within ten (10) calendar Days after being advised of the deficiencies.

8.4.2.2 Quotation – If Collocation entrance facilities and space are available, Qwest will develop a price quotation within twenty-five (25) calendar Days of receipt of a complete Application if forecasted, and twenty-five (25) calendar Days of completion of the feasibility study if unforecasted. Subsequent requests to augment an existing Collocation also require receipt of an Application. Adding plug-ins, e.g., DS1 or DS3 cards to existing virtually collocated equipment, will be processed and provisioned within ten (10) business days. Virtual Collocation price quotes will be honored for thirty (30) calendar Days from the date the quote is provided. During this period the Collocation entrance facility and space are reserved pending CLEC's Acceptance of the quoted charges.

8.4.2.3 Acceptance -- Upon receipt of complete Collocation Acceptance, as described in 8.4.1.6, space will be reserved and construction by Qwest will begin.

8.4.2.4 Interval -- The interval for Virtual Collocation shall vary depending upon five factors: 1) whether the request was forecasted or the space was reserved, in accordance with the above Sections 8.4.1.4 or the space was reserved, in accordance with Section 8.4.1.7; 2) whether the forecast was received at least ninety (90) calendar Days prior to Application or between sixty (60) and ninety (90) calendar Days prior to Application, 3) whether CLEC provides its Acceptance within seven (7) calendar Days receipt of the quotation, 4) whether the CLEC delivers its collocated equipment to Qwest in a timely manner, which shall mean within fifty-three (53) calendar Days of the receipt of the complete Collocation Application; and 5) whether the Application requires major infrastructure additions or modifications. The installation of line cards and other minor modifications shall be performed by Qwest on shorter intervals and in no instance shall any such interval exceed thirty (30) calendar Days. When Qwest is permitted to complete a Collocation installation in an interval that is longer than the standard intervals set forth below, Qwest will notify CLEC of any change in circumstances as soon as Qwest is aware of those circumstances. Qwest shall use its best efforts to minimize the extension of the intervals beyond such standard intervals.

8.4.2.4.1 Forecasted Applications with Timely Acceptance – If an Premises Application is included in CLEC's forecast at least ninety (90) calendar Days prior to submission of the Application, and if the CLEC provides a complete Acceptance within seven (7) calendar Days of receipt of the Qwest Collocation quotation, and if all of CLEC's equipment is available at the Qwest Premises no later than fifty-three (53) calendar Days after receipt of the complete Collocation Application, Qwest shall complete its installation of the Collocation arrangement within forty-five (45) calendar Days of the receipt of the complete Acceptance. If CLEC's equipment is not delivered to Qwest within fifty-three (53) calendar Days after receipt of the complete Collocation Application, Qwest shall complete the Collocation installation within forty-five (45) calendar Days of the receipt of all of the CLEC's equipment. If a Premises is included in CLEC's forecast between sixty (60) and ninety (90) calendar Days prior to submission of the Application, and CLEC's equipment is available at the Qwest Premises no later than fifty-three calendar (53) Days after receipt of the complete Collocation Application, Qwest shall complete its installation of the Collocation arrangement within ninety (90) calendar Days of the receipt of the complete Collocation Application.

8.4.2.4.2 Forecasted Applications with Late Acceptance – If a Premises is included in CLEC's forecast at least ninety (90) calendar Days prior to submission of the Application, and if CLEC provides a complete Acceptance more than seven (7) calendar Days but less than thirty (30) calendar Days after receipt of the Qwest Collocation quotation, and if all of CLEC's equipment is available at the Qwest Premises no later than fifty-three (53) calendar Days after receipt of the complete Collocation Acceptance, Qwest shall complete its installation of the Collocation arrangement within ninety (90) calendar Days of the receipt of the complete Collocation Acceptance. If CLEC's equipment is not delivered to Qwest within fifty-three (53) calendar Days after receipt of the complete Collocation Acceptance, Qwest shall complete the Collocation installation within forty-five (45) calendar Days of the receipt of all of the CLEC's equipment. If CLEC submits its acceptance more than thirty (30) calendar Days

after receipt of the Qwest quotation, the Application shall be resubmitted by CLEC. If a Premises is included in CLEC's forecast between sixty (60) and ninety (90) calendar Days prior to submission of the Application, and CLEC's equipment is available at the Qwest Premises no later than fifty-three (53) calendar Days after receipt of the complete Collocation Application, Qwest shall complete its installation of the Collocation arrangement within forty-five (45) calendar Days of the receipt of all of CLEC's equipment.

8.4.2.4.3 Unforecasted Applications with Timely Acceptance – If a Premises is not included in CLEC's forecast at least ninety (90) calendar Days prior to submission of the Application, and if CLEC provides a complete Acceptance within seven (7) calendar Days of receipt of the Qwest Collocation quotation, and if all of CLEC's equipment is available at the Qwest Premises no later than fifty-three (53) calendar Days after receipt of the complete Collocation Application, Qwest shall complete its installation of the Collocation arrangement within one hundred and twenty (120) calendar Days of the receipt of the complete Collocation Application. If CLEC's equipment is not delivered to Qwest within fifty-three (53) calendar Days after receipt of the complete Collocation Application, Qwest shall complete the Collocation installation within seventy-five (75) calendar Days of the receipt of all of CLEC's equipment.

8.4.2.4.4 Unforecasted Applications with Late Acceptance – If a Premises is not included in CLEC's forecast at least ninety (90) calendar Days prior to submission of the Application, and if CLEC provides a complete Acceptance more than seven (7) calendar Days but less than thirty (30) calendar Days after receipt of the Qwest Collocation quotation, and if all of CLEC's equipment is available at the Qwest Premises no later than fifty-three (53) calendar Days after receipt of the complete Collocation Application, Qwest shall complete its installation of the Collocation arrangement within one hundred and twenty (120) calendar Days of the receipt of the complete Collocation Acceptance. If CLEC's equipment is not delivered to Qwest within fifty-three (53) calendar Days after receipt of the complete Collocation Application, Qwest shall complete the Collocation installation within seventy-five (75) calendar Days of the receipt of all of CLEC's equipment.

8.4.2.4.5 Intervals for Major Infrastructure Modifications Where No Forecast is Provided – An unforecasted Collocation Application may require Qwest to complete major infrastructure modifications to accommodate CLEC's specific requirements. Major infrastructure modifications that may be required include conditioning space, permits, DC power plant, standby generators, heating, venting or air conditioning equipment. The installation intervals in Sections 8.4.2.4.3 through 8.4.2.4.4 may be extended, if required, to accommodate major infrastructure modifications. When major infrastructure modifications as described above are required, and if all of CLEC's equipment is available at the Qwest Premises no later than fifty-three (53) calendar Days after receipt of the complete Collocation Application, Qwest shall propose to complete its installation of the Collocation arrangement within an interval of no more than one hundred and fifty (150) calendar Days after receipt of the complete Collocation Application. The need for, and the duration of, an extended interval shall be provided to CLEC as a part of the quotation. CLEC may dispute the need for, and the duration of, an extended interval, in which case Qwest must



request a waiver from the Commission to obtain an extended interval.

8.4.2.4.6 Major Infrastructure Modifications where CLEC Forecasts its Collocation or Reserves Space. – If CLEC's forecast or reservation triggers the need for an infrastructure modification, Qwest shall take the steps necessary to ensure that it will meet the intervals set forth in Sections 8.4.2.4.1 and 8.4.2.4.2 when CLEC submits a Collocation Application. If not withstanding these efforts, Qwest is unable to meet the interval and cannot reach agreement with CLEC for an extended interval, Qwest may seek a waiver from the Commission to obtain an extended interval.

### **8.4.3 Ordering - Caged and Cageless Physical Collocation**

8.4.3.1 Application -- Upon receipt of a complete Collocation Application as described in Section 8.4.1.5 Qwest will perform a feasibility study to determine if adequate space, power, and HVAC can be found for the placement and operation of CLEC's equipment within the Premises. The feasibility study will be provided within ten (10) calendar Days from date of receipt of a complete Collocation Application. As part of the feasibility study, Qwest will also notify CLEC of any known circumstance that may delay delivery of the ordered Collocation space and related facilities.

8.4.3.1.1 If Qwest determines that the Collocation Application is not complete, Qwest shall notify CLEC of any deficiencies within ten (10) calendar Days of the Collocation Application. Qwest shall provide sufficient detail so that CLEC has a reasonable opportunity to cure each deficiency. To retain its place in the Collocation queue for the requested Premises, CLEC must cure any deficiencies in its Collocation Application and resubmit the Collocation Application within ten (10) calendar Days after being advised of the deficiencies.

8.4.3.2 Quotation -- If Collocation space is available, Qwest will develop a quote for the supporting structure. Qwest will complete the quotation no later than twenty-five (25) calendar Days of receipt of the complete Application if forecasted, and twenty-five (25) calendar Days from completion of the feasibility study if unforecasted. Physical Collocation price quotes will be honored for thirty (30) calendar Days from the date the quote is provided. During this period, the Collocation entrance facility and space is reserved pending CLEC's Acceptance of the quoted charges.

8.4.3.3 Acceptance -- Upon receipt of a complete Collocation Acceptance, as described in Section 8.4.1.6 space will be reserved and construction by Qwest will begin.

8.4.3.4 Interval – The interval for Physical Collocation shall vary depending upon four (4) factors – 1) whether the request was forecasted in accordance with Section 8.4.1.4 or the space was reserved, in accordance with Section 8.4.1.7, 2) whether the forecast was received at least ninety (90) calendar Days prior to Application or between sixty (60) and ninety (90) calendar Days prior to Application, 3) whether CLEC provides its Acceptance within seven (7) calendar Days of receipt of the quotation and 4) whether the Application requires major infrastructure additions or modifications. When Qwest is permitted to complete a Collocation installation in an interval that is longer than the standard intervals set forth below, Qwest will notify CLEC of any change in circumstances as soon as Qwest is aware of those circumstances. Qwest shall use its best efforts to minimize the extension of the intervals beyond such standard intervals.

8.4.3.4.1 Forecasted Applications with Timely Acceptance – If a Premises is included in CLEC's forecast at least ninety (90) calendar Days prior to submission of the Application, and if CLEC provides a complete Acceptance within seven (7) calendar Days of receipt of the Qwest Collocation quotation, Qwest shall complete its installation of the Collocation arrangement within forty-five (45) calendar Days of receipt of the complete Acceptance. If a Premises is included in CLEC's forecast between sixty (60) and ninety (90) calendar Days prior to submission of the Application, Qwest shall complete its installation of the Collocation arrangement within ninety (90) calendar Days of the receipt of a complete Collocation Application.

8.4.3.4.2 Forecasted Applications with Late Acceptance – If a Premises is included in CLEC's forecast at least ninety (90) calendar Days prior to submission of the Application, and if CLEC provides a complete Acceptance more than seven (7) calendar Days but less than thirty (30) calendar Days after receipt of the Qwest Collocation quotation, Qwest shall complete its installation of the Collocation arrangement within forty five (45) calendar Days of the receipt of the complete Collocation Acceptance. If CLEC submits its acceptance more than thirty (30) calendar Days after receipt of the Qwest quotation, a new Application shall be resubmitted by CLEC. If a Premises is included in CLEC's forecast between sixty (60) and ninety (90) calendar Days prior to submission of the Application, Qwest shall complete its installation of the Collocation arrangement within ninety (90) calendar Days of the receipt of a complete Collocation Application.

8.4.3.4.3 Unforecasted Applications with Timely Acceptance – If a Premises is not included in CLEC's forecast at least sixty (60) calendar Days prior to submission of the Application, and if CLEC provides a complete Acceptance within seven (7) calendar Days after receipt of the Qwest Collocation quotation, Qwest shall complete its installation of the Collocation arrangement within one hundred and twenty (120) calendar Days of the receipt of the complete Collocation Application.

8.4.3.4.4 Unforecasted Applications with Late Acceptance – If a Premises is not included in CLEC's forecast at least sixty (60) calendar Days prior to submission of the Application and if CLEC provides a complete Acceptance more than seven (7) calendar Days but less than thirty (30) calendar Days after receipt of the Qwest Collocation quotation, Qwest shall complete its installation of the Collocation arrangement within one hundred and twenty (120) calendar Days of the receipt of the complete Collocation Acceptance.

8.4.3.4.5 Intervals for Major Infrastructure Modifications Where No Forecast is Provided – An unforecasted Collocation Application may require Qwest to complete major infrastructure modifications to accommodate CLEC's specific requirements. Major infrastructure modifications that may be required include conditioning space, permits, DC power plant, standby generators, heating, venting or air conditioning equipment. The installation intervals in Sections 8.4.3.4.3 through 8.4.3.4.4 may be extended, if required, to accommodate major infrastructure modifications. When major infrastructure modifications as described above are required, Qwest shall propose to complete its installation of the Collocation arrangement within an interval of no more than

one hundred and fifty (150) calendar Days after receipt of the complete Collocation Application. The need for, and the duration of, an extended interval shall be provided to CLEC as a part of the quotation. CLEC may dispute the need for, and the duration of, an extended interval, in which case Qwest must request a waiver from the Commission to obtain an extended interval.

8.4.3.4.6 Major Infrastructure Modifications where CLEC Forecasts its Collocation or Reserves Space. If CLEC's forecast or reservation triggers the need for an infrastructure modification, Qwest shall take the steps necessary to ensure that it will meet the intervals set forth in Sections 8.4.3.4.1 and 8.4.3.4.2 when CLEC submits a Collocation Application. If not withstanding these efforts, Qwest is unable to meet the interval and cannot reach agreement with CLEC for an extended interval, Qwest may seek a waiver from the Commission to obtain an extended interval.

#### **8.4.4 Ordering - Interconnection Distribution Frame (ICDF) Collocation**

8.4.4.1 Application -- Upon receipt of a complete Collocation Application as described in Section 8.4.1.5, Qwest will perform a feasibility study to determine if adequate space can be found for the placement and operation of CLEC's terminations within the Wire Center. The feasibility study will be provided within ten (10) calendar Days from date of receipt of a complete Collocation Application. As part of the feasibility study, Qwest will also notify CLEC of any known circumstance that may delay delivery of the ordered Collocation space and related facilities. CLEC may submit an ICDF forecast in accordance with Section 8.4.1.4. The forecast shall include demand by DS0, DS1 and DS3 capacities that will be terminated on the Interconnection Distribution Frame by Qwest on behalf of CLEC. Such forecasts shall be used by Qwest to determine the sizing of required tie cables and the terminations on each Interconnection Distribution Frame as well as the various other frames within the Qwest Wire Center.

8.4.4.1.1 If Qwest determines that the Collocation Application is not complete, Qwest shall notify CLEC of any deficiencies within ten (10) calendar Days of the Collocation Application. Qwest shall provide sufficient detail so that CLEC has a reasonable opportunity to cure each deficiency. To retain its place in the Collocation queue for the requested Premises, CLEC must cure any deficiencies in its Collocation Application and resubmit the Collocation Application within ten (10) calendar Days after being advised of the deficiencies.

8.4.4.2 Quotation -- If space is available, Qwest will develop a quote for the supporting structure. Qwest will complete the quotation no later than twenty-five (25) calendar Days of receipt of the complete Application if forecasted, and twenty-five (25) calendar Days from completion of the feasibility study if unforecasted. ICDF Collocation price quotes will be honored for thirty (30) calendar Days from the date the quote is provided. During this period, the space is reserved pending CLEC's Acceptance of the quoted charges.

8.4.4.3 Acceptance -- Upon receipt of a complete Collocation Acceptance, as described in Section 8.4.1.6, space will be reserved and construction by Qwest will begin.

8.4.4.4 Interval -- The interval for ICDF Collocation shall vary depending upon

three factors – 1) whether the request was forecasted in accordance with 8.4.1.4 or the space was reserved in accordance with Section 8.4.1.7, 2) whether the forecast was received at least ninety (90) calendar Days prior to Application or between sixty (60) and ninety (90) calendar Days prior to Application, and 3) whether CLEC provides its Acceptance within seven (7) calendar Days of the quotation. When Qwest is permitted to complete a Collocation installation in an interval that is longer than the standard intervals set forth below, Qwest will notify CLEC of any change in circumstances as soon as Qwest is aware of those circumstances. Qwest shall use its best efforts to minimize the extension of the intervals beyond such standard intervals.

8.4.4.4.1 Forecasted Applications with Timely Acceptance – If a Premises is included in CLEC's forecast at least ninety (90) calendar Days prior to submission of the Application, and if CLEC provides a complete Acceptance within seven (7) calendar Days of receipt of the Qwest Collocation quotation, Qwest shall complete its installation of the Collocation arrangement within forty-five (45) calendar Days of the receipt of the complete Acceptance of the Collocation quote. If a Premises is included in CLEC's forecast between sixty (60) and ninety (90) calendar Days prior to submission of the Application, Qwest shall complete its installation of the Collocation arrangement within ninety (90) calendar Days of the receipt of a complete Collocation Application.

8.4.4.4.2 Forecasted Applications with Late Acceptance – If a Premises is included in CLEC's forecast at least ninety (90) calendar Days prior to submission of the Application, and if CLEC provides a complete Acceptance more than seven (7) calendar Days but less than thirty (30) calendar Days after receipt of the Qwest Collocation quotation, Qwest shall complete its installation of the Collocation arrangement within forty-five (45) calendar Days of the receipt of the complete Collocation Acceptance. If CLEC submits its acceptance more than thirty (30) calendar Days after receipt of the Qwest quotation, the Application shall be resubmitted by CLEC. If a Premises is included in CLEC's forecast between sixty (60) and ninety (90) calendar Days prior to submission of the Application, Qwest shall complete its installation of the Collocation arrangement within ninety (90) calendar Days of the receipt of a complete Collocation Application.

8.4.4.4.3 Unforecasted Applications with Timely Acceptance – If a Premises is not included in CLEC's forecast at least sixty (60) calendar Days prior to submission of the Application, and if CLEC provides a complete Acceptance within seven (7) calendar Days after receipt of the Qwest Collocation quotation, Qwest shall complete its installation of the Collocation arrangement within ninety (90) calendar Days of the receipt of the complete Collocation Application. This interval may be lengthened if space must be reclaimed or reconditioned. The need for an extended interval shall be provided to CLEC as a part of the quotation. CLEC may dispute the need for an extended interval, in which case Qwest must request a waiver from the Commission.

8.4.4.4.4 Unforecasted Applications with Late Acceptance – If a Premises is not included in CLEC's forecast at least sixty (60) calendar Days prior to submission of the Application and if CLEC provides a complete Acceptance more than seven (7) calendar Days but less than thirty (30) calendar Days after receipt of the Qwest Collocation quotation, Qwest shall complete its installation of the

Collocation arrangement within ninety (90) calendar Days of the receipt of the complete Collocation Acceptance. This interval may be lengthened if space must be reclaimed or reconditioned. The need for an extended interval shall be provided to CLEC as a part of the quotation. CLEC may dispute the need for an extended interval, in which case Qwest must request a waiver from the Commission.

#### **8.4.5 Ordering – Adjacent Collocation**

8.4.5.1 If space for Physical Collocation in a particular Qwest Premises is not available at the time of CLEC's request, CLEC may request Qwest to conduct a feasibility study for Adjacent Collocation for that Premises site. Qwest recommends that Qwest and CLEC conduct a joint site visit of such Premises to determine if suitable arrangements can be provided on Qwest's property. Qwest will make available, within ten (10) business days, drawings of the Qwest physical structures above and below ground for the requested Adjacent Collocation site.

8.4.5.2 If a new structure is to be constructed, the interval shall be developed on an Individual Case Basis, to account for the granting of permits or Rights of Way (ROW), if required, the provision of Collocation services by Qwest, in accordance with CLEC's Collocation Application, and the construction by CLEC of the adjacent structure. If CLEC disputes the interval proposed by Qwest, Qwest must promptly petition the Commission for approval of such disputed interval.

8.4.5.3 If Adjacent Collocation is provided within an existing Qwest Premises, the ordering procedures and intervals for Physical Collocation shall apply.

#### **8.4.6 Ordering – Remote Collocation and Adjacent Remote Collocation**

8.4.6.1 The ordering procedures and intervals for Physical Collocation or Virtual Collocation shall apply to Remote Collocation, and to Adjacent Remote Collocation provided within an existing Qwest Premises, except Sections 8.4.3.4.3 and 8.4.3.4.4. Remote Collocation and Adjacent Remote Collocation are ordered using the Remote Collocation Application Form.

8.4.6.2 If space for Physical Collocation or Virtual Collocation in a particular Qwest Remote Premises is not available at the time of CLEC's request, CLEC may order Adjacent Remote Collocation using the ordering procedures described above for Adjacent Collocation in Sections 8.4.5.1 and 8.4.5.2.

#### **8.4.7 Ordering – CLEC to CLEC Connections**

8.4.7.1 Application -- Upon receipt of the applicable portions of a complete Collocation Application as described in Section 8.4.1.5 (Subsections a, e, h and j). Qwest will perform a feasibility study to determine if adequate cable racking can be found for the placement of CLEC's copper, coax, or fiber optic cable, or any other Technically Feasible method used to interconnect CLEC's collocated equipment that is in separate locations in the same Qwest Premises, or to another CLEC's equipment in the same Premises. The feasibility study will be provided within ten (10) calendar Days from date of receipt of a complete Collocation Application.

8.4.7.2 Quotation -- If existing cable racking is available, Qwest will provide CLEC with a quote and the specific cable rack route to CLEC with the feasibility study. If additional cable racking is required to accommodate CLEC's request, Qwest shall provide a feasibility and quote to CLEC no later than ten (10) calendar Days of receipt of Collocation Application. CLEC-to-CLEC Connection quotes will be honored for thirty (30) calendar Days from the date the quote is provided. During this period, the space is reserved pending CLEC's Acceptance of the quoted charges.

8.4.7.3 Acceptance -- There are two (2) forms of Acceptance for CLEC-to-CLEC Connections:

8.4.7.3.1 CLEC-to-CLEC connections with existing cable rack. – CLEC must submit payment of one hundred percent (100%) of the quoted nonrecurring charges with its Acceptance. Upon receipt of a complete Collocation Acceptance, CLEC may begin placement of its copper, coax, or fiber cables along the Qwest designated cable rack route. Recurring charges will begin with CLEC Acceptance.

8.4.7.3.2 CLEC-to-CLEC Connections using new cable rack. – Upon receipt of a complete Acceptance from CLEC, as described in Section 8.4.1.6, Qwest will begin construction of the new cable rack.

8.4.7.4 Interval – Pursuant to Section 8.4.7.3.2, the construction interval for CLEC-to-CLEC Connections requiring the construction of new cable rack by Qwest shall be within sixty (60) calendar Days of the receipt of the complete Collocation Acceptance. If CLEC submits its Acceptance more than thirty (30) calendar Days after receipt of the Qwest quotation, the Collocation Application shall be resubmitted by CLEC.

#### **8.4.8 Ordering – Direct Connections**

8.4.8.1 Application – Where Direct Connection is requested in a Wire Center where CLEC already has established Collocation, upon receipt of the applicable portions of a complete Collocation Application as described in Section 8.4.1.5 (Subsections a, e, h and j), Qwest will perform a feasibility study to determine if adequate cable racking can be found for the placement of copper, coax, or fiber optic cable, or any other Technically Feasible method, used for Direct Connection (as described in Section 8.3.1.11.2). The feasibility study will be provided within ten (10) calendar Days from date of receipt of a complete Collocation Application.

8.4.8.1.1 If Qwest determines that the Collocation Application is not complete, Qwest shall notify CLEC of any deficiencies within ten (10) calendar Days of the Collocation Application. Qwest shall provide sufficient detail so that CLEC has a reasonable opportunity to cure each deficiency. To retain its place in the Collocation queue for the requested Premises, CLEC must cure any deficiencies in its Collocation Application and resubmit the Collocation Application within ten (10) calendar Days after being advised of the deficiencies.

8.4.8.2 Quotation – If existing cable racking is available, Qwest will provide CLEC with a quote and the specific cable rack route with the feasibility study. If additional cable racking is required to accommodate CLEC's request, Qwest shall provide a quote to CLEC no later than ten (10) calendar Days after receipt of a complete Collocation

Application. Direct Connection quotes will be honored for thirty (30) calendar Days from the date the quote is provided. During this period, the space is reserved pending CLEC's Acceptance of the quoted charges.

8.4.8.3 Acceptance – There are two (2) forms of Acceptance for Direct Connection:

8.4.8.3.1 Direct Connection with existing cable rack. – CLEC must submit payment of one hundred percent (100%) of the quoted nonrecurring charges with its acceptance notification.

8.4.8.3.2 Direct Connection using new cable rack. – Upon receipt of a complete Acceptance from CLEC, as described in Section 8.4.1.6, Qwest will begin construction of the new cable rack.

8.4.8.4 Interval – The construction interval for Direct Connections shall be dependent upon whether the Direct Connection is to the COSMIC™ frame requiring a MELD™ and or if new cable racking is required.

8.4.8.4.1 If CLEC provides a complete Acceptance within thirty (30) calendar Days of receipt of the Qwest Collocation quotation, Qwest shall complete its installation of the Direct Connection above the DS0 level where no new cable racking is required within thirty (30) calendar Days of the receipt of the complete Collocation Acceptance. If Direct Connection is required at the DS0 level, to the COSMIC™, or if new cable racking needs to be installed, Qwest will provision the direct trunking within sixty (60) calendar Days of the receipt of the complete Collocation Acceptance.

#### **8.4.9 Ordering – Facility Connected (FC) Collocation**

8.4.9.1 Application – Upon receipt of a complete Collocation Application as described in Section 8.4.1.5, Qwest will perform a feasibility study. The feasibility study will be provided within ten (10) calendar Days of receipt of a complete Collocation Application. As part of the feasibility study, Qwest will also notify CLEC of any known circumstance that may delay delivery of the ordered Collocation space and related facilities.

8.4.9.1.1 If Qwest determines that the Collocation Application is not complete, Qwest shall notify CLEC of any deficiencies within ten (10) calendar Days of the Collocation Application. Qwest shall provide sufficient detail so that CLEC has a reasonable opportunity to cure each deficiency. To retain its place in the Collocation queue for the requested Premises, CLEC must cure any deficiencies in its Collocation Application and resubmit the Collocation Application within ten (10) calendar Days after being advised of the deficiencies.

8.4.9.2 Quotation – If Collocation Entrance Facilities and space are available, Qwest will develop a price quotation within twenty-five (25) calendar Days of providing the feasibility study. Facility Connected Collocation price quotes will be honored for thirty (30) calendar Days from the date the quote is provided. During this period, the Collocation Entrance Facility and space are reserved pending CLEC's Acceptance of the quoted charges.

8.4.9.3 Acceptance – Upon receipt of a complete Collocation Acceptance, as described in Section 8.4.1.6, space will be reserved and construction by Qwest will begin.

8.4.9.4 Interval – The interval for FC Collocation shall vary depending based on two (2) factors – 1) whether CLEC provides its Acceptance within seven (7) calendar Days of receipt of the quotation; and 2) whether CLEC delivers its Entrance Facility to Qwest's C-POI in a timely manner, which shall mean within fifty-three (53) calendar Days of the receipt of the complete Collocation Application. Qwest will provide FC Collocation ninety (90) calendar Days from receipt of a complete Collocation Application with timely Acceptance of the quote by CLEC. With late Acceptance of the quote by CLEC, Qwest will provide FC Collocation ninety (90) calendar Days from Acceptance. CLEC must have its Entrance Facility at the C-POI no later than fifty-three (53) calendar Days after Qwest receives the complete Collocation Application. If CLEC's Entrance Facility is not completed to the C-POI within fifty-three (53) calendar Days after receipt of the complete Collocation Application, Qwest shall complete the FC Collocation within forty-five (45) calendar Days of the completion and availability of CLEC's Entrance Facility at the C-POI.

## **8.5 Billing**

### **8.5.1 Billing - All Collocation**

8.5.1.1 Upon completion of the Collocation construction activities and payment of the remaining nonrecurring balance, Qwest will provide CLEC a completion package that will initiate the recurring Collocation charges. Once this completion package has been signed by CLEC and Qwest, and Qwest has received the final fifty percent (50%) balance, Qwest will activate CLEC transport services and/or UNEs or ancillary services coincident with completion of the Collocation.

8.5.1.2 In the event Qwest has completed all associated construction activities and CLEC has not completed its associated activities (e.g., delivering fiber to the C-POI, or providing the equipment cables for connecting to the Interconnection Distribution Frame), Qwest will bill an adjusted amount of the remaining nonrecurring balance, close the job, and begin Billing the monthly recurring rent charge. In those instances where the job is delayed due to CLEC not having its fiber to the POI, Qwest will request the balance due minus the dollar amount specific to this work activity, and begin Billing the monthly recurring rent charge. Once CLEC has completed fiber placement, CLEC can request Qwest to return and complete the splicing activity at the rate reflected in this Agreement. In the case of missing equipment cables, CLEC will be responsible for installing the cables if not delivered at job completion. The installation activity must be conducted by a Qwest approved vendor and follow the designated racking route. Final test and turn-up will be performed under the Maintenance and Repair process contained herein.

### **8.5.2 Billing - Virtual Collocation**

8.5.2.1 Virtual Collocation will be considered complete when the Premises is Ready for Service (RFS). Cooperative testing between CLEC and Qwest may be negotiated and performed to ensure continuity and acceptable transmission parameters in the facility and equipment.



### **8.5.3 Billing - Caged and Cageless Physical Collocation**

8.5.3.1 Payment for the remaining nonrecurring charges shall be upon the RFS date. Upon completion of the construction activities and payment of the remaining nonrecurring charges, Qwest will schedule a walk through of the space with CLEC. During this joint walk through, Qwest will turn over access to the space and provide security access to the Premises. Upon completion of the acceptance walk through, CLEC will be provided the Caged or Cageless Physical Collocation completion package (i.e., all ordering information). The monthly Billing for leased space, DC power, Entrance Facility, and other associated monthly charges will commence with CLEC sign off on the completion of the physical space. CLEC may then proceed with the installation of its equipment in the Collocation space, unless early access has been arranged pursuant to Section 8.2.3.7. If Qwest, despite its best efforts, including notification through the contact number on the Collocation Application, is unable to schedule the walk through with CLEC within twenty-one (21) calendar Days of the RFS, Qwest shall activate the monthly recurring charges.

## **8.6 Maintenance and Repair**

### **8.6.1 Virtual Collocation**

8.6.1.1 Maintenance Labor, Inspector Labor, Engineering Labor and Equipment Labor business hours are considered to be Monday through Friday, 8:00 am to 5:00 pm (local time) and after business hours are after 5:00 pm and before 8:00 am (local time), Monday through Friday, all day Saturday, Sunday and holidays.

8.6.1.2 Installation and maintenance of CLEC's virtually collocated equipment will be performed by Qwest or a Qwest authorized vendor.

8.6.1.3 Upon failure of CLEC's virtually collocated equipment, Qwest will promptly notify CLEC of such failure and the corrective action that is needed. Qwest will repair such 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 Qwest. CLEC is responsible for transportation and delivery of maintenance spares to Qwest at the Premises housing the failed equipment. CLEC is responsible for purchasing and maintaining a supply of spares.

### **8.6.2 Physical Collocation**

8.6.2.1 CLEC is responsible for the maintenance and repair of its equipment located within CLEC's leased space.

### **8.6.3 Interconnection Distribution Frame**

8.6.3.1 CLEC is responsible for block and jumper inventory and maintenance at the Interconnection Distribution Frame and using industry accepted practices for its terminations. Additionally, CLEC is responsible for having jumper wire and tools for such operations. Qwest is responsible for the overall repair and maintenance of the frame; including horizontal and vertical mounting positions, cable raceways, rings, and troughs, and general housekeeping of the frame.

#### **8.6.4 Adjacent Collocation and Adjacent Remote Collocation**

8.6.4.1 CLEC is responsible for the maintenance and repair of its equipment located within CLEC's Adjacent Collocation and Adjacent Remote Collocation space.

#### **8.6.5 Facility Connected (FC) Collocation**

8.6.5.1 Qwest will be responsible for all Maintenance and Repair of FC Collocation facilities from the C-POI into and within the Wire Center, and for the associated Interconnection, ancillary services, and Finished Services terminated on the FC Collocation blocks or panels. CLEC does not have physical access to the Wire Center for FC Collocation.

## SECTION 9.0 - UNBUNDLED NETWORK ELEMENTS

### 9.1 General Terms

9.1.1 Changes in law, regulations or other "Existing Rules" relating to Unbundled Network Elements (UNEs), including additions and deletions of elements Qwest is required to unbundle and/or provide in a UNE Combination, shall be incorporated into this Agreement by amendment pursuant to Section 2.2. CLEC and Qwest agree that the UNEs identified in Section 9 are not exclusive and that pursuant to changes in FCC rules, state laws, the Bona Fide Request Process, or Special Request Process (SRP), CLEC may identify and request that Qwest furnish additional or revised UNEs to the extent required under Section 251(c)(3) of the Act and other Applicable Laws. Failure to list a UNE herein shall not constitute a waiver by CLEC to obtain a UNE subsequently defined by the FCC or the state Commission. UNEs shall only be obtained for the provision of Telecommunications Services, which do not include telecommunications utilized by CLEC for its own administrative use. UNEs shall not be used solely to provide wireless services also known as Commercial Mobile Radio Service (CMRS).

9.1.1.1 To the extent it is Technically Feasible, CLEC may Commingle Telecommunications Services purchased on a resale basis with an Unbundled Network Element or combination of Unbundled Network Elements. Notwithstanding the foregoing, the following are not available for resale Commingling:

- a) Non-telecommunications services;
- b) Enhanced or Information services;
- c) Features or functions not offered for resale on a stand-alone basis or separate from basic exchange service; and
- d) Network Elements offered pursuant to Section 271.

9.1.1.2 CLEC may Commingle UNEs and combinations of UNEs with wholesale services and facilities (e.g., switched and special access services offered pursuant to Tariff), and request Qwest to perform the necessary functions to provision such Commingling. CLEC will be required to provide the CFA (Connecting Facility Assignment) of CLEC's network demarcation (e.g., Collocation or multiplexing facilities) for each UNE, UNE Combination, or wholesale service when requesting Qwest to perform the Commingling of such services. Qwest shall not deny access to a UNE on the grounds that the UNE or UNE Combination shares part of Qwest's network with access services.

9.1.1.2.1 Work performed by Qwest to Commingle services at CLEC's request or to provide services that are not subject to standard provisioning intervals will not be subject to standard provisioning intervals, or to performance measures and remedies, if any, contained in this Agreement or elsewhere, by virtue of that service's inclusion in a requested Commingled service arrangement. Provisioning intervals applicable to services included in a requested Commingled service arrangement will not begin to run until CLEC provides a complete and accurate service request, necessary CFAs to Qwest, and Qwest completes work required to perform the Commingling that is in addition to work required to provision the service as a stand-alone facility or service.

9.1.1.3 Qwest will not combine or Commingle services or Network Elements that are offered by Qwest pursuant to Section 271 of the Communications Act of 1934, as amended, with Unbundled Network Elements or combinations of Unbundled Network Elements.

9.1.1.3.1 Services are available for Commingling only in the manner in which they are provided in Qwest's applicable product Tariffs, catalogs, price lists, or other Telecommunications Services offerings.

9.1.1.3.2 Entrance Facilities obtained pursuant to Tariff are available for Commingling. Entrance Facilities and mid-span meet SPOI obtained pursuant to Section 7 of this Agreement are not available for Commingling.

9.1.1.4 **Ratcheting.** To the extent a Qwest Tariffed service is used to provide both UNEs and non-UNE services, Qwest shall not be required to bill for such Qwest Tariffed service at blended or multiple rates (otherwise known as Ratcheting). Instead, CLEC shall be assessed the Tariffed rate, or resale rate, or the rate from other Qwest wholesale service offerings, as appropriate, for the non-UNE service.

9.1.1.4.1 To the extent a multiplexed facility is included in a Commingled circuit, the multiplexed facility will be ordered and billed pursuant to the appropriate Tariff.

9.1.1.5 Qwest is no longer obligated to provide to CLEC certain Network Elements that had formerly been required to be offered pursuant to Section 251 of the Act. These former Network Elements were determined by the FCC to not satisfy the FCC's impairment test. As a result, these Network Elements are not available on an unbundled basis pursuant to Section 251 of the Act under this Agreement:

- a) OCn Loops;
- b) Fiber-to-the-Home, except as identified in Section 9.2.1.2 of this Agreement;
- c) Hybrid Unbundled Loops except as required by 9.2.1.3 of this Agreement;
- d) Non-copper distribution Subloop, unless required to access Qwest-owned inside wire at an MTE;
- e) Feeder Subloops;
- f) Line Sharing, except in accordance with the grandfathering and transition plan described in Section 9.4.1.2 of this Agreement;
- g) E-UDIT (Extended Unbundled Dedicated Interoffice Transport), E-UDF (Extended Unbundled Dark Fiber), and transport from CLEC's Premises to a Qwest Wire Center;
- h) OCn UDIT;
- i) UDIT and UDF as a part of a Meet-Point arrangement;

- j) Remote node/remote port;
- k) SONET multiplexing;
- l) Enterprise Unbundled Local Switching and related services, including UNE-P ISDN PRI, UNE-P DSS, Customized Routing, and Shared Transport;
- m) Signaling and access to Call-related databases;
- n) Unbundled Local Tandem Switching at the DS1 or above capacity;
- o) Packet Switching; and
- p) Directory Assistance Service and Operator Services (except see Sections 10.5 and 10.7 – these services are provided under this Agreement at market-based rates).

9.1.1.6 The March 2, 2004 Decision by the United States Court of Appeals for the D.C. Circuit vacated the FCC's rules with respect to several unbundled network elements. As a result, these Network Elements are not available on an unbundled basis pursuant to Section 251 of the Act under this Agreement:

- a) Unbundled Loops at DS1 and DS3 capacities;
- b) Unbundled Dark Fiber Loops (UDF-Loops);
- c) High Capacity Enhanced Extended Loops (EEL) at DS1 and above capacities;
- d) Unbundled Dedicated Interoffice Transport (UDIT) at DS1 and DS3 capacities;
- e) Unbundled Dark Fiber Interoffice Facilities (UDF-IOF);
- f) 3/1 and 1/0 multiplexing;
- g) Unbundled Customer-Controlled Rearrangement Element (UCCRE); and
- h) Mass Market Unbundled Local Switching and related services, including UNE-P POTS, UNE-P PBX, UNE-P ISDN BRI, UNE-P Centrex, UNE-P PAL, Customized Routing, Shared Transport, Signaling, and access to Call-related databases.

9.1.1.7 If, on the Effective Date of this Agreement, Qwest is providing to CLEC, pursuant to orders placed in accordance with a preceding Interconnection Agreement, any of the elements described in Sections 9.1.1.5 or 9.1.1.6, Qwest will convert and/or re-rate any such elements to an alternative offered service absent a separate written agreement between the Parties to the contrary. The effective Billing date of conversions made under this provision will be governed by the change of law provision in CLEC's preceding Interconnection Agreement or will be the Effective Date of this Agreement, whichever is earlier.

9.1.2.1.1 Upon receipt of an LSR or ASR, Qwest will follow the same process that it would follow for an equivalent retail service to determine if assignable facilities exist that fit the criteria necessary for the service requested. If available facilities are not readily identified through the normal assignment process, but facilities can be made ready by the requested Due Date, CLEC will not receive an additional FOC, and the order Due Date will not be changed.

9.1.2.1.2 If cable capacity is available, Qwest will complete incremental facility work (i.e., conditioning, place a drop, add a Network Interface Device, card existing subscriber loop carrier systems at the Central Office and Remote Terminal, add Central Office tie pairs, add field cross connect jumpers) in order to complete facilities to the End User Customer's premises.

9.1.2.1.2.1 Qwest will also perform network modifications to existing loop and transport facilities used by CLEC to the same extent it performs such activities for its own retail End User Customers, including, but not limited to, rearrangement or splicing of cable (including rearrangement of existing pairs to include fiber hub counts and rearrangement of existing pairs to extend the line), adding a doubler or repeater, adding and/or rearranging an equipment case, adding a smart jack, installing a repeater shelf, adding a line card, and deploying a new multiplexer or reconfiguring an existing multiplexer. Rates for such modifications are included in Exhibit A.

9.1.2.1.2.2 The provisions of this Section shall not be construed to require Qwest to provide unbundled access to a Fiber-to-the-Home loop when Qwest deploys such a loop to an End User Customer premises except as described in Section 9.2.1.2.2.

9.1.2.1.3 During the normal assignment process, if no available facilities are identified for the UNE requested, Qwest will look for existing engineering job orders that could fill the request in the future. If an engineering job currently exists, Qwest will add CLEC's request to that engineering job and send CLEC a jeopardy notice. Upon completion of the engineering job, Qwest will send CLEC another FOC with a new Due Date. If facilities are not available and no engineering job exists that could fill the request in the future, Qwest will treat CLECs request as follows:

9.1.2.1.4 Qwest will provide CLEC notification of major Loop facility builds through the ICONN database. This notification shall include the identification of any funded outside plant engineering jobs that exceeds \$100,000 in total cost, the estimated Ready for Service Date, the number of pairs or fibers added, and the location of the new facilities (e.g., Distribution Area for copper distribution, route number for copper feeder, and termination CLLI codes for fiber). CLEC acknowledges that Qwest does not warrant or guarantee the estimated Ready for Service Dates. CLEC also acknowledges that funded Qwest outside plant engineering jobs may be modified or cancelled at any time.

9.1.3 Intentionally Left Blank.

9.1.5 CLEC may connect Network Elements in any Technically Feasible manner. Qwest will provide CLEC with the same features, functions and capabilities of a particular element or combinations of elements that Qwest provides to itself. Qwest will provide CLEC with all of the features and functionalities of a particular element or combination of elements (regardless of whether such combination of elements is ordered from Qwest in combination or as elements to be combined by CLEC), so that CLEC can provide any Telecommunications Services that can be offered by means of such element or combination of elements. Qwest will provide Unbundled Network Elements to CLEC in a manner that allows CLEC to combine such elements to provide any Telecommunications Services. Qwest shall not in any way restrict CLEC's use of any element or combination of elements (regardless of whether such combination of elements is ordered from Qwest in combination or as elements to be combined by CLEC) except as Qwest may be expressly permitted or required by Existing Rules.

9.1.6 Except as set forth in Section 9.23, the UNE Combinations Section, Qwest provides UNEs on an individual element basis. Charges, if any, for testing pursuant to this paragraph are contained in Exhibit A to this Agreement.

9.1.6.1 When elements are provisioned by Qwest on an individual element basis (whether or not such elements are combined by CLEC with other elements provided by Qwest or CLEC):

- a) Qwest will perform testing necessary or reasonably requested by CLEC, to determine that such UNE is capable of meeting the technical parameters established for each UNE.
- b) Qwest will repair and maintain such element to ensure that UNE continues to meet the technical parameters established for each UNE. CLEC is responsible for the end-to-end transmission and circuit functionality testing for UNE Combinations created by CLEC.
- c) Qwest will cooperate with CLEC in any Technically Feasible testing necessary or reasonably requested by CLEC to assist in determining end-to-end transmission and circuit functionality of such UNE.

9.1.6.2 When elements are provisioned by Qwest in combination:

- a) Qwest will perform testing necessary or reasonably requested by CLEC to determine that such combination and each UNE included in such combination is capable of meeting the technical parameters of the combination.
- b) Qwest will repair and maintain such combination and each UNE included in such combination to ensure that such UNE continues to meet the technical parameters of the combination.
- c) Qwest will cooperate with CLEC in any Technically Feasible testing necessary or reasonably requested by CLEC to determine end-to-end transmission and circuit functionality of such combination.

9.1.7 Installation intervals for Unbundled Network Elements are contained in Exhibit C.

9.1.8 Maintenance and repair is described herein. The repair center contact telephone numbers are provided in the PCAT, which is located on the Qwest Web site.

9.1.9 In order to maintain and modernize the network properly, Qwest may make necessary modifications and changes to the UNEs in its network on an as needed basis. Such changes may result in minor changes to transmission parameters. Network maintenance and modernization activities will result in UNE transmission parameters that are within transmission limits of the UNE ordered by CLEC. Qwest shall provide advance notice of changes that affect network Interoperability pursuant to applicable FCC rules. Changes that affect network Interoperability include changes to local dialing from seven (7) to ten (10) digit, area code splits, and new area code implementation. FCC rules are contained in CFR Part 51 and 52. Qwest provides such disclosures on an Internet web site.

9.1.10 Channel Regeneration. Qwest's design will ensure the cable between the Qwest-provided active elements and the DSX will meet the proper signal level requirements. Channel regeneration will not be charged for separately for Interconnection between a Collocation space and Qwest's network. Cable distance limitations are based on ANSI Standard T1.102-1993 "Digital Hierarchy – Electrical Interface; Annex B."

9.1.11 Exhibit A of this Agreement contains the rates for Unbundled Network Elements.

9.1.12 Miscellaneous Charges are defined in the Definitions Section. Miscellaneous Charges are in addition to nonrecurring and recurring charges set forth in Exhibit A. Miscellaneous Charges apply to activities CLEC requests Qwest perform, activities CLEC authorizes, or charges that are a result of CLECs actions, such as cancellation charges. Rates for Miscellaneous Charges are contained in Exhibit A. Unless otherwise provided for in this Agreement, no additional charges will apply.

## **9.2 Unbundled Loops**

### **9.2.1 Description**

9.2.1 The Unbundled Loop is defined as a transmission facility between a distribution frame (or its equivalent) in a Qwest Central Office and the Loop Demarcation Point at an End User Customer's premises. The Unbundled Loop includes all features, functions, and capabilities of such transmission facility. Those features, functions, and capabilities include, but are not limited to, attached electronics (except those electronics used for the provision of Advanced Services, such as Digital Subscriber Line Access Multiplexers), and line conditioning. The Unbundled Loop includes DS0 Loops.

9.2.1.1 Loop Demarcation Point – For the purposes of this Section, Loop Demarcation Point is the point where Qwest owned or controlled facilities cease, and CLEC, End User Customer, owner or landlord ownership of facilities begins.

9.2.1.2 FTTH Loops. For purposes of this Section, a Fiber-to-the-Home (FTTH) loop is a local Loop consisting entirely of fiber optic cable, whether dark or lit, and serving an End User Customer's 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).

9.2.1.2.1 FTTH New Builds. Qwest shall have no obligation to provide



access to a FTTH loop as an Unbundled Network Element in any situation where Qwest deploys such a loop to an End User Customer's premises that had not previously been served by any loop facility prior to October 2, 2003.

9.2.1.2.2 FTTH Overbuilds. Qwest shall have no obligation to provide access to a FTTH loop as an Unbundled Network Element in any situation where Qwest deploys such a loop parallel to, or in replacement of, an existing copper loop facility. Notwithstanding the foregoing, where Qwest deploys a FTTH loop parallel to, or in replacement of, an existing copper loop facility:

9.2.1.2.2.1 Qwest shall: (i) leave the existing copper loop connected to the End User Customer's premises after deploying the FTTH loop to such premises, and (ii) upon request provide access to such copper loop as an Unbundled Network Element. Notwithstanding the foregoing, Qwest shall not be required to incur any expense to ensure that any such existing copper loop remains capable of transmitting signals prior to receiving a request from CLEC for access, as set forth above, in which case Qwest shall restore such copper loop to serviceable condition on an Individual Case Basis. Any such restoration shall not be subject to Performance Indicator Definition or other performance service measurement or intervals. Qwest's obligations under this subsection 9.2.1.2.2 shall terminate when Qwest retires such copper Loop in accordance with the provisions of Section 9.2.1.2.3 below.

9.2.1.2.2.2 In the event Qwest, in accordance with the provisions of Section 9.2.1.2.3 below, retires the existing copper loop connected to the End User Customer's premises, Qwest shall provide access, as an Unbundled Network Element over the FTTH loop, to a 64 kbps transmission path capable of voice grade service.

9.2.1.2.3 Retirement of Copper Loops or Copper Subloops and Replacement with FTTH Loops. In the event Qwest decides to replace any copper loop or copper Subloop with a FTTH Loop, Qwest will: (i) provide notice of such planned replacement on its web site ([www.qwest.com/disclosures](http://www.qwest.com/disclosures)) and (ii) provide public notice of such planned replacement to the FCC. Such notices shall be in addition to any applicable state Commission notification that may be required. Any such notice provided to the FCC shall be deemed approved on the ninetieth (90<sup>th</sup>) Day after the FCC's release of its public notice of the filing, unless an objection is filed pursuant to the FCC's rules. In accordance with the FCC's rules: (i) a CLEC objection to a Qwest notice that it plans to replace any copper Loop or copper subloop with a FTTH Loop shall be filed with the FCC and served upon Qwest no later than the ninth (9<sup>th</sup>) business day following the release of the FCC's public notice of the filing and (ii) any such objection shall be deemed denied ninety (90) Days after the date on which the FCC releases public notice of the filing, unless the FCC rules otherwise within that period.

9.2.1.3 Hybrid Loops – A "Hybrid Loop" is an Unbundled Loop composed of both fiber optic cable, usually in the feeder plant, and copper wire or cable, usually in the distribution plant.

9.2.1.3.1 Packet Switching Facilities, Features, Functions and Capabilities

– Qwest is not required to provide unbundled access to the Packet Switched features, functions and capabilities of its Hybrid Loops. Packet switching capability is the routing or forwarding of packets, frames, cells, or other data units based on address or other routing information contained in the packets, frames, cells or other data units, and the functions that are performed by the digital subscriber line access multiplexers, including but not limited to the ability to terminate an End User Customer's copper loop (which includes both a low-band voice channel and a high-band data channel, or solely a data channel); the ability to forward the voice channels, if present, to a circuit Switch or multiple circuit Switches; the ability to extract data units from the data channels on the loops; and the ability to combine data units from multiple loops onto one or more trunks connecting to a Packet Switch or Packet Switches.

9.2.1.3.2 Broadband Services – When CLEC seeks access to a Hybrid Loop for the provision of broadband services, Qwest shall provide CLEC with nondiscriminatory access to the time division multiplexing features, functions, and capabilities of that Hybrid Loop on an unbundled basis to establish a complete transmission path between Qwest's Central Office and an End User Customer'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.

9.2.1.3.3 Narrowband Services – When CLEC seeks access to a Hybrid Loop for the provision of narrowband services, Qwest may either:

- a) Provide nondiscriminatory access, on an unbundled basis, to an entire Hybrid Loop capable of voice-grade service (i.e., equivalent to DS0 capacity), using time division multiplexing technology; or
- b) Provide nondiscriminatory access to a spare home-run copper loop serving that End User Customer on an unbundled basis.

## 9.2.2 Terms and Conditions

9.2.2.1 Qwest shall provide CLEC, on a non-discriminatory basis, Unbundled Loops (unbundled from local switching and transport) of substantially the same quality as the Loop that Qwest uses to provide service to its own End User Customers. For Unbundled Loops that have a retail analogue, Qwest will provide these Unbundled Loops in substantially the same time and manner as Qwest provides to its own End User Customers. Unbundled Loops shall be provisioned in accordance with Exhibit C and the performance metrics set forth in Section 20 and with a minimum of service disruption.

9.2.2.1.1 Use of the word "capable" to describe Loops in Section 9.2 means that Qwest assures that the Loop meets the technical standards associated with the specified Network Channel/Network Channel Interface codes, as contained in the relevant technical publications and industry standards.

9.2.2.1.2 Use of the word "compatible" to describe Loops in Section 9.2 means the Unbundled Loop complies with technical parameters of the specified Network Channel/Network Channel Interface codes as specified in the relevant technical publications and industry standards. Qwest makes no assumptions as

to the capabilities of CLEC's Central Office equipment or the Customer Premises Equipment.

9.2.2.2 Analog (Voice Grade) Unbundled Loops. Analog (voice grade) Unbundled Loops are available as a two-wire or four-wire voice grade, point-to-point configuration suitable for local exchange type services. For the two-wire configuration, CLEC must specify the signaling option. The actual Loop facilities may utilize various technologies or combinations of technologies.

9.2.2.2.1 If Qwest uses Integrated Digital Loop Carrier (IDLC) systems to provide the Unbundled Loop, Qwest will first attempt, to the extent possible, to make alternate arrangements such as Line and Station Transfers (LST), to permit CLEC to obtain a contiguous copper Unbundled Loop. If a LST is not available, Qwest may also seek alternatives such as Integrated Network Access (INA), hair pinning, or placement of a Central Office terminal, to permit CLEC to obtain an Unbundled Loop. If no such facilities are available, Qwest will make every feasible effort to unbundle the IDLC in order to provide the Unbundled Loop for CLEC.

9.2.2.2.1.1 In areas where Qwest has deployed amounts of IDLC that are sufficient to cause reasonable concern about CLEC's ability to provide service through available copper facilities on a broad scale, CLEC shall have the ability to gain access to Qwest information sufficient to provide CLEC with a reasonably complete identification of such available copper facilities. Qwest shall be entitled to mediate access in a manner reasonably related to the need to protect Confidential or Proprietary Information. CLEC shall be responsible for Qwest's incremental costs to provide such information or access mediation.

9.2.2.2.2 If there are state service quality rules in effect at the time CLEC requests an Analog Unbundled Loop, Qwest will provide an Analog Unbundled Loop that meets the state technical standards. If necessary to meet the state standards, Qwest will, at no cost to CLEC, remove load coils and Bridged Taps from the Loop in accordance with the requirements of the specific technical standard.

9.2.2.3 Digital Capable Loops – Basic Rate (BRI) ISDN Capable Loops, 2/4 Wire Non-Loaded Loops, ADSL Compatible Loops and xDSL-I Capable Loops. Unbundled digital Loops are transmission paths capable of carrying specifically formatted and line coded digital signals. Unbundled digital Loops may be provided using a variety of transmission technologies including, but not limited to, metallic wire, metallic wire based digital Loop carrier, and fiber optic fed digital carrier systems. Qwest will provision digital Loops in a non-discriminatory manner, using the same facilities assignment processes that Qwest uses for itself to provide the requisite service. Digital Loops may use a single or multiple transmission technologies. DC continuity does not apply to digital capable Loops. If conditioning is required, then CLEC shall be charged for such conditioning as set forth in Exhibit A if it authorized Qwest to perform such conditioning.

9.2.2.3.1 Intentionally Left Blank.

9.2.2.4 Non-Loaded Loops. CLEC may request that Qwest provide a non-loaded

Unbundled Loop. In the event that no such facilities are available, CLEC may request that Qwest condition existing spare facilities. CLEC may indicate on the LSR that it pre-approves conditioning if conditioning is necessary. If CLEC has not pre-approved conditioning, Qwest will obtain CLEC's consent prior to undertaking any conditioning efforts. Upon CLEC pre-approval or approval of conditioning, and only if conditioning is necessary, Qwest will dispatch a technician to condition the Loop by removing load coils and excess Bridged Taps to provide CLEC with a non-loaded Loop. CLEC will be charged the nonrecurring conditioning charge (i.e., cable unloading and Bridged Taps removal), if applicable, in addition to the Unbundled Loop installation nonrecurring charge.

9.2.2.4.1 Where Qwest fails to meet a Due Date for performing Loop conditioning, CLEC shall be entitled to a credit equal to the amount of any conditioning charges applied, where it does not secure the Unbundled Loop involved within three (3) months of such Due Date. Where Qwest does not perform conditioning in accord with the standards applicable under this Agreement, CLEC shall be entitled to a credit of one-half (1/2) of the conditioning charges made, unless CLEC can demonstrate that the Loop as conditioned is incapable of substantially performing the functions normally within the parameters applicable to such Loop as this Agreement requires Qwest to deliver it to CLEC. In the case of such fundamental failure, CLEC shall be entitled to a credit of all conditioning charges, except where CLEC asks Qwest to cure any defect and Qwest does so. In the case of such cure, CLEC shall be entitled to the one-half (1/2) credit identified above.

9.2.2.5 When CLEC requests a Basic Rate ISDN capable or an xDSL-I capable Loop, Qwest will dispatch a technician, if necessary, to provide Extension Technology that takes into account for example: the additional regenerator placement, Central Office powering, Mid-Span repeaters, if required, and BRITE cards in order to provision the Basic Rate ISDN capable and xDSL-I capable Loop. Extension Technology may be required in order to bring the circuit to the specifications necessary to accommodate the requested service. If the circuit design requires Extension Technology, to bring it up to the design standards, it will be added by Qwest, at no charge. Extension Technology can also be requested by CLEC to meet its specific needs. If Extension Technology is requested by CLEC, but is not required to meet the technical standards, then Qwest will provide the requested Extension Technology and will charge CLEC. Qwest will provision ISDN (BRI) capable and xDSL-I capable Loops using the specifications in the Technical Publication 77384. Refer to that document for more information. CLEC will be charged an Extension Technology recurring charge in addition to the Unbundled Loop recurring charge, if applicable, as specified in Exhibit A of this Agreement. The ISDN Capable Loop may also require conditioning (e.g., removal of load coils or Bridged Taps).

9.2.2.6 Intentionally Left Blank.

9.2.2.7 Qwest is not obligated to provision BRI-ISDN, xDSL-I capable, or ADSL compatible Loops to End User Customers in areas served exclusively by Loop facilities or transmission equipment that are not compatible with the requested service.

9.2.2.8 Loop Qualification Tools. Qwest offers five (5) Loop qualification tools: the ADSL Loop Qualification Tool, Raw Loop Data Tool, POTS Conversion to

Unbundled Loop Tool, MegaBit Qualification Tool, and ISDN Qualification Tool. These and any future Loop qualification tools Qwest develops will provide CLEC access to Loop qualification information in a nondiscriminatory manner and will provide CLEC the same Loop qualification information available to Qwest. CLEC may request an audit of Qwest's company records, back office systems and databases pertaining to Loop information pursuant to Section 18 of this Agreement.

9.2.2.8.1 ADSL Loop Qualification Tool. CLEC may use the ADSL Loop Qualification tool to pre-qualify the requested circuit utilizing the existing telephone number or address to determine whether it meets ADSL specifications. The qualification process screens the circuit for compliance with the design requirements specified in Technical Publication 77384.

9.2.2.8.2 Raw Loop Data Tools. Qwest offers two (2) types of Raw Loop Data Tool. If CLEC has a digital certificate, CLEC may access the Wire Center Raw Loop Data Tool via [www.ecom.qwest.com](http://www.ecom.qwest.com). The Wire Center Raw Loop Data Tool provides CLEC the following information: Wire Center CLLI code, cable name, pair name, terminal address, MLT distance, segment (F1, F2), sub-segment (e.g., 1 of F1), segment length, segment gauge, Bridged Taps length by segment, Bridged Taps offset distance, load coil type, and pair gain type. CLEC may also access the IMA Raw Loop Data Tool for Loop specific information. The IMA Raw Loop Data Tool may be accessed through IMA-GUI or IMA-EDI. This tool provides CLEC the following information: Wire Center CLLI code, cable name, pair name, terminal address, MLT distance, segment (F1, F2), sub-segment (e.g., 1 of F1), segment length, segment gauge, Bridged Taps length by segment, Bridged Taps offset distance, load coil type, number of loads, and pair gain type.

9.2.2.8.3 POTS Conversion to Unbundled Loop Tool. The POTS Conversion to Unbundled Loop Tool is available to CLEC through IMA-GUI or IMA-EDI. This tool informs CLEC whether the facility is copper or pair gain and whether there are load coils on the Loop.

9.2.2.8.4 MegaBit Qualification Tool. The MegaBit Qualification Tool is available to CLEC through IMA-GUI or IMA-EDI. This tool provides a "yes/no" answer regarding the Loop's ability to support Qwest DSL (formerly MegaBit) service. If the MegaBit Qualification Tool returns a "no" answer, it provides a brief explanation.

9.2.2.8.5 ISDN Qualification Tool. The ISDN Qualification Tool is available to CLEC through IMA-GUI or IMA-EDI. This tool permits CLEC to view information on multiple lines and will inform CLEC of the number of lines found. If an ISDN capable Loop is found, the tool identifies the facility and, if applicable, pair gain.

9.2.2.8.6 If the Loop make-up information for a particular facility is not contained in the Loop qualification tools, if the Loop qualification tools return unclear or incomplete information, or if CLEC identifies any inaccuracy in the information returned from the Loop qualification tools, and provides Qwest with the basis for CLEC's belief that the information is inaccurate, then CLEC may request, and Qwest will perform a manual search of the company's records, back

office systems and databases where Loop information resides. Qwest will provide CLEC, via email, the Loop information identified during the manual search within forty-eight (48) hours of Qwest's receipt of CLEC's request for manual search. The email will contain the following Loop makeup information: composition of the Loop material; location and type of pair gain devices, the existence of any terminals, such as Remote Terminals or digital loop terminals, Bridged Tap, and load coils; Loop length, and wire gauge. In the case of Loops served by digital loop carrier, the email will provide the availability of spare feeder and distribution facilities that could be used to provision service to the End User Customer, including any spare facilities not connected to the Switch and Loop makeup for such spare facilities. After completion of the investigation, Qwest will load the information into the Loop Facilities Assignment and Control System (LFACS) database, which will populate this Loop information into the fields in the Loop qualification tools.

9.2.2.9 Provisioning Options. Six (6) Provisioning options are available for Unbundled Loop elements. Charges for these Provisioning options vary depending on the type of Loop requested. Rates are contained in Exhibit A of this Agreement. Testing parameters are described below and in Qwest Technical Publication 77384.

9.2.2.9.1 Basic Installation. Basic Installation may be ordered for new or existing Unbundled Loops. Upon completion, Qwest will call CLEC to notify CLEC that the Qwest work has been completed.

9.2.2.9.1.1 For an existing End User Customer, the Basic Installation option is a "lift and lay" procedure. The Central Office Technician (COT) "lifts" the Loop from its current termination and "lays" it on a new termination connecting to CLEC. There is no associated circuit testing performed.

9.2.2.9.1.2 For new End User Customer service, the Basic Installation option involves the COT and Field Technician (CST/NT) completing circuit wiring and performing the required performance tests to ensure the new circuit meets the required parameter limits. The test results are NOT provided to CLEC.

9.2.2.9.1.3 For basic installation of existing 2/4 wire analog Loops, Qwest provides a Quick Loop with or without Local Number Portability (LNP) option, that enables CLEC to receive the Quick Loop installation interval as set forth in Exhibit C. Quick Loop installation without LNP includes only a simple lift and lay procedure. Quick Loop with LNP installation provides a lift and lay, and the LNP functions. Quick Loop is not available with cooperative testing, coordinated installation, or when unbundling from an IDLC to a copper alternative.

9.2.2.9.2 Basic Installation with Performance Testing. Basic Installation with Performance Testing may be ordered for new or existing Unbundled Loops.

9.2.2.9.2.1 For an existing End User Customer, Basic Installation with Performance Testing is a "lift and lay" procedure. The Central Office Technician (COT) "lifts" the Loop from its current

termination and "lays" it on a new termination connecting CLEC. The COT and Implementor/Tester perform the required performance tests to ensure that the new circuit meets required parameter limits.

9.2.2.9.2.2 The Qwest Implementor/Tester will read the test results to CLEC on close-out and email the performance test results within two (2) business days to a single, designated CLEC office email address.

9.2.2.9.2.3 For new End User Customer service, the Basic Installation with Performance Testing option requires a dispatch to the End User Customer premises. The COT and Field Technician complete circuit wiring and perform the required performance tests to ensure the new circuit meets the required parameter limits. These test results are read to CLEC by the Qwest Implementor/Tester on close-out. Within two (2) business days, Qwest will email the performance test results to a single, designated CLEC office email address.

9.2.2.9.3 Coordinated Installation With Cooperative Testing. Coordinated Installation With Cooperative Testing may be ordered for new or existing service. For both new and existing service, CLEC must designate a specific "Appointment Time" when it submits the LSR. On the Due Date (DD), at CLEC's designated Appointment Time, the Qwest Implementor/Tester contacts CLEC to ensure CLEC is ready for installation. If CLEC is not ready within thirty (30) minutes of the scheduled Appointment Time, then CLEC must reschedule the installation by submitting a supplemental LSR for a new Due Date and Appointment Time. If Qwest is not ready within thirty (30) minutes of the scheduled Appointment Time, Qwest will waive the nonrecurring charge for the installation option, and the Parties will attempt to set a new appointment for the same day. If Qwest fails to perform cooperative testing due to Qwest's fault, Qwest will waive the nonrecurring charge for the installation option. If CLEC still desires cooperative testing, the Parties will attempt to set a new Appointment Time on the same day and, if unable to do so, Qwest will issue a jeopardy notice and a FOC with a new Due Date.

9.2.2.9.3.1 For an existing End User Customer, Coordinated Installation With Cooperative Testing is a "lift and lay" procedure with cooperative testing. The COT completes the installation in the Central Office and performs testing that CLEC requests. Upon completion of Qwest performance testing, the Qwest Implementor/Tester will contact CLEC, read the Qwest test results, and begin CLEC cooperative testing. Within two (2) business days, Qwest will email the Qwest test results to a single, designated CLEC office email address. CLEC will be charged for any Provisioning test CLEC requests that is not defined in the Qwest Technical Publication 77384.

9.2.2.9.3.2 For new End User Customer service, Coordinated Installation With Cooperative Testing may require a dispatch of a technician to the End User Customer premises. The COT and Field Technician complete circuit wiring and perform the required performance tests to ensure that the new circuit meets required parameter limits.

Upon completion of Qwest performance testing, the Qwest Implementor/Tester will contact CLEC, read the Qwest test results, and begin CLEC cooperative testing. Within two (2) business days, Qwest will email the Qwest test results to a single, designated CLEC office email address. CLEC will be charged for any Provisioning test not defined in the Qwest Technical Publication 77384.

9.2.2.9.4 Coordinated Installation Without Cooperative Testing. Coordinated Installation Without Cooperative Testing may be ordered for new or existing service. For both new and existing service, CLEC must designate a specific "Appointment Time" when it submits the LSR. On the Due Date (DD), at CLEC's designated Appointment Time, the Qwest Implementor/Tester contacts CLEC to ensure CLEC is ready for installation. If CLEC is not ready within thirty (30) minutes of the scheduled Appointment Time, then CLEC must reschedule the installation by submitting a supplemental LSR. If Qwest is not ready within thirty (30) minutes of the scheduled Appointment Time, Qwest will waive the nonrecurring charge for the installation option and the Parties will attempt to set a new Appointment Time on the same day and, if unable to do so, Qwest will issue a jeopardy notice and a FOC with a new Due Date.

9.2.2.9.4.1 For an existing Unbundled Loop this Coordinated Installation Without Cooperative Testing is a "lift and lay" procedure without a dispatch that offers CLEC the ability to coordinate the conversion activity. The Qwest Implementor advises CLEC when the "lift and lay" procedure is complete.

9.2.2.9.4.2 For new Unbundled Loops, Qwest may dispatch a technician to terminate the new circuit at the End User Customer premises. The Field Technician will not remain on the premises to perform the coordinated installation once the circuit is in place. The COT completes the installation in the Central Office, and the COT and Implementor/Tester complete the required performance tests to ensure that the new circuit meets required parameter limits. CLEC will not receive test results. When installation is complete, Qwest will notify CLEC.

9.2.2.9.5 Basic Installation With Cooperative Testing. Basic Installation With Cooperative Testing may be ordered for new or existing Unbundled Loops.

9.2.2.9.5.1 For an existing End User Customer, Basic Installation With Cooperative Testing is a "lift and lay" procedure with cooperative testing on the Due Date. The COT "lifts" the Loop from its current termination and "lays" it on a new termination connecting to CLEC. Upon completion of Qwest performance testing, the Qwest Implementor/Tester will contact CLEC, read the Qwest test results, and begin CLEC cooperative testing. Within two (2) business days, Qwest will email the Qwest test results to a single, designated CLEC office email address. CLEC and Qwest will perform a loop back acceptance test, accept the Loop and exchange demarcation information.

9.2.2.9.5.2 For new End User Customer service, Basic



Installation With Cooperative Testing may require a dispatch to the End User Customer premises. The COT and Field Technician complete circuit wiring and perform the required performance tests to ensure the new circuit meets the required parameter limits.

9.2.2.9.5.3 If Qwest fails to perform cooperative testing due to Qwest's fault, Qwest will waive the nonrecurring charge for the installation option. If CLEC still desires cooperative testing, the Parties will attempt to set a new Appointment Time on the same day and, if unable to do so, Qwest will issue a jeopardy notice and a FOC with a new Due Date.

9.2.2.9.6 Performance Testing. Qwest performs the following performance tests for various Loop types:

a) 2-Wire and 4-Wire Analog Loops

No Opens, Grounds, Shorts, or Foreign Volts

Insertion Loss = 0 to -8.5 dB at 1004 Hz

Automatic Number Identification (ANI) when dial-tone is present

b) 2-Wire and 4-Wire Non-Loaded Loops

No Load Coils, Opens, Grounds, Shorts, or Foreign Volts

Insertion Loss = 0 to -8.5 dB at 1004 Hz

Automatic Number Identification (ANI) when dial-tone is present

c) Basic Rate ISDN and xDSL-I-Capable Loops

No Load Coils, Opens, Grounds, Shorts, or Foreign Volts

Insertion Loss =  $\leq$  40 dB at 40 kHz

Automatic Number Identification (ANI) when dial-tone is present

d) ADSL-Compatible Loops

No Load Coils, Opens, Grounds, Shorts, or Foreign Volts

Insertion Loss =  $\leq$  41 dB at 196 kHz

Automatic Number Identification (ANI) when dial-tone is present

9.2.2.9.7 Project Coordinated Installation: A Project Coordinated Installation permits CLEC to obtain a coordinated installation for Unbundled Loops with or without LNP, where CLEC orders twenty-five (25) or more DS0 Unbundled Loops.

9.2.2.9.7.1 The date and time for the Project Coordinated

Installation requires up-front planning and may need to be negotiated between Qwest and CLEC. All requests will be processed on a first come, first served basis and are subject to Qwest's ability to meet a reasonable demand. Considerations such as system down time, Switch upgrades, Switch maintenance, and the possibility of other CLECs requesting the same Frame Due Time (FDT) in the same Switch (Switch contention) must be reviewed. In the event that any of these situations would occur, Qwest will negotiate with CLEC for an agreed upon FDT, prior to issuing the Firm Order Confirmation (FOC). In special cases where CLEC is ordering Unbundled Loop with LNP, the FDT must be agreed upon, the interval to reach agreement will not exceed two (2) days from receipt of an accurate LSR. In addition, standard intervals will apply.

9.2.2.9.7.2 CLEC shall request a Project Coordinated Installation by submitting a Local Service Request (LSR) and designating this order as a Project Coordinated Installation in the remarks section of the LSR form.

9.2.2.9.7.3 CLEC will incur additional charges for the Project Coordinated Installation dependent upon the coordinated time. The rates are based upon whether the request is within Qwest's normal business hours or Out Of Hours. Qwest normal business hours for Unbundled Loops are 8:00 a.m. to 5:00 p.m., Monday through Friday. The rates for coordinated installations are set forth in Exhibit A. Where LNP is included, see Section 10.2.5.4 for rate elements.

9.2.2.9.7.4 Qwest will schedule the appropriate number of employees prior to the cut, normally not to exceed four (4) employees, based upon information provided by CLEC. If the Project Coordinated Installation includes LNP, CLEC will also have appropriate personnel scheduled for the negotiated FDT. If CLEC's information is modified during the installation, and, as a result, non-scheduled employees are required, CLEC shall be charged a three (3) hour minimum callout charge per each additional non-scheduled employee. If the installation is either cancelled, or supplemented to change the Due Date, within twenty-four (24) hours of the negotiated FDT, CLEC will be charged a one (1) Person three (3) hour minimum charge. For Project Coordinated Installations with LNP, if the Coordinated Installation is cancelled due to a Qwest error or a new Due Date is requested by Qwest, within twenty-four (24) hours of the negotiated FDT, Qwest may be charged by CLEC one (1) Person three (3) hour minimum charge as set forth in Exhibit A.

9.2.2.9.7.5 If CLEC orders Project Coordinated Installation with LNP and in the event the LNP conversion is not successful, CLEC and Qwest agree to isolate and fix the problem in a timeframe acceptable to CLEC or the End User Customer. If the problem cannot be corrected within an acceptable timeframe to CLEC or the End User Customer, CLEC may request the restoration of Qwest service for the ported End User Customer. Such restoration shall begin immediately upon request. If CLEC is in error then a supplemental order shall be provided to Qwest. If Qwest is in error, no supplemental order or additional order will be

required of CLEC.

9.2.2.9.7.6 If CLEC orders Project Coordinated Installation with LNP, Qwest shall ensure that any LNP order activity requested in conjunction with a Project Coordinated Installation shall be implemented in a manner that avoids interrupting service to the End User Customer.

9.2.2.10 Intentionally Left Blank.

9.2.2.11 In order to properly maintain and modernize the network, Qwest may make necessary modifications and changes to Unbundled Loops, ancillary and Finished Services in its network on an as needed basis. Such changes may result in minor changes to transmission parameters. Changes that affect network Interoperability require advance notice pursuant to the Notices Section of this Agreement.

9.2.2.12 If there is a conflict between an End User Customer (or its respective agent) and CLEC regarding the disconnection or Provisioning of Unbundled Loops, Qwest will advise the End User Customer to contact CLEC, and Qwest will initiate contact with CLEC.

9.2.2.13 Facilities and lines Qwest furnishes on the premises of CLEC's End User Customer up to and including the Loop Demarcation Point are the property of Qwest. Qwest shall have reasonable access to all such facilities for network management purposes. Qwest will coordinate entry dates and times with appropriate CLEC personnel to accommodate testing, inspection repair and maintenance of such facilities and lines. CLEC will not inhibit Qwest's employees and agents from entering said premises to test, inspect, repair and maintain such facilities and lines in connection with such purposes or, upon termination or cancellation of the Unbundled Loop service, to remove such facilities and lines. Such entry is restricted to testing, inspection, repair and maintenance of Qwest's property in that facility. Entry for any other purpose is subject to audit provisions in the Audit section of this Agreement.

9.2.2.14 Reserved for Future Use.

9.2.2.15 Reuse of Loop Facilities

9.2.2.15.1 When an End User Customer contacts Qwest with a request to convert their local service from CLEC to Qwest, Qwest will notify CLEC of the loss of the End User Customer, and will disconnect the Loop Qwest provided to CLEC. Qwest will disconnect the Loop only where Qwest has obtained proper Proof of Authorization.

9.2.2.15.2 When CLEC contacts Qwest with a request to convert an End User Customer from their Current Service Provider to CLEC, CLEC is responsible for notifying the Current Service Provider of the conversion. Qwest will disconnect the Loop Qwest provided the Current Service Provider and, at CLEC's request, where technically compatible, will reuse the Loop for the service requested by CLEC (e.g., resale service).

9.2.2.15.3 When CLEC contacts Qwest with a request to convert an End User Customer from Qwest to CLEC, at CLEC request, Qwest will reuse the

existing Loop facilities for the service requested by CLEC to the extent those facilities are technically compatible with the service to be provided. Upon CLEC request, Qwest will condition the existing Loop in accordance with the rates set forth in Exhibit A.

9.2.2.15.4 Upon completion of the disconnection of the Loop, Qwest will send a Loss Notification report to the original competitive Carrier signifying completion of the loss.

9.2.2.16 Lack of Facilities; Priority Right to Facilities. In the event Qwest notifies CLEC that facilities ordered are not available from Qwest at the time of the order, Qwest shall maintain the order as pending for a period of thirty (30) business days. If facilities become available to fill the order within that thirty (30) business day period, Qwest shall notify CLEC of such availability. CLEC and Qwest acknowledge that the availability of facilities hereunder is on a first come, first served basis. Any facility orders placed by any other provider, including Qwest, which predate CLEC's order shall have priority for any facilities made available under the terms of this section.

### 9.2.3 Rate Elements

The following recurring and nonrecurring rates for Unbundled Loops are set forth in Exhibit A of this Agreement. Recurring charges vary based on CLEC selected installation options, conditioning, and extension technology.

9.2.3.1 2/4 Wire Analog Loop (Voice Grade) Recurring and Nonrecurring rates.

9.2.3.2 2/4 Wire Non-Loaded Loop Recurring and Nonrecurring rates.

9.2.3.3 Basic Rate (BRI) ISDN, ADSL Compatible Loop and xDSL-I Capable Loop Recurring and Nonrecurring rates.

9.2.3.3.1 DS0 Capable Loop Conversion Nonrecurring rates associated with the conversion of special access or private lines to Unbundled Loops.

9.2.3.4 Extension Technology Recurring and Nonrecurring rates for Digital Capable Loops, including Basic Rate (BRI) ISDN and xDSL-I Capable Loops.

9.2.3.5 Conditioning Nonrecurring rates 2/4 wire non-loaded Loops, Basic Rate (BRI) ISDN, ADSL Compatible Loop and xDSL-I Capable Loop, as requested and approved by CLEC.

9.2.3.6 Miscellaneous Charges, as defined in Sections 4 and 9.1.12, may apply.

9.2.3.7 Out of Hours Coordinated Installations.

9.2.3.7.1 For purposes of service installation, Qwest's installation hours are 8:00 a.m. to 5:00 p.m., Monday through Friday.

9.2.3.7.2 Intentionally Left Blank.

9.2.3.7.3 Intentionally Left Blank.

9.2.3.7.4 Intentionally Left Blank.

9.2.3.7.5 For coordinated installations scheduled to commence Out of Hours, or rescheduled by CLEC to commence Out of Hours, CLEC will incur additional charges for the Out of Hours coordinated installation as set forth in Exhibit A.

## 9.2.4 Ordering Process

9.2.4.1 Unbundled Loops are ordered via an LSR. Ordering processes are contained in the Operational Support Systems Section of this Agreement. Detailed ordering processes are found on the Qwest wholesale web site.

9.2.4.2 Prior to placing orders on behalf of the End User Customer, CLEC shall be responsible for obtaining and have in its possession a Proof of Authorization.

9.2.4.3 Based on the pre-order Loop make-up, CLEC can determine if the circuit can meet the technical parameters for the specific service CLEC intends to offer.

9.2.4.3.1 Before submitting an order for a 2/4 wire non-loaded Loop, ADSL compatible Loop, ISDN capable Loop or xDSL-I capable Loop, CLEC should use one of Qwest's Loop make-up tools available via IMA-EDI, IMA-GUI, or the web-based application interface to obtain specific information about the Loop CLEC seeks to order.

9.2.4.3.1.1 Based on the Loop make up information provided through Qwest tools, CLEC must determine whether conditioning is required to provide the xDSL service it intends to offer. If Loop conditioning is required, CLEC may authorize Qwest to perform such Loop conditioning on its LSR. If CLEC does not pre-approve Loop conditioning, Qwest will assume that CLEC has determined that Loop conditioning is not necessary to provide the xDSL service CLEC seeks to offer. If CLEC or Qwest determines that conditioning is necessary, and CLEC authorizes Qwest to perform the conditioning, Qwest will perform the conditioning. CLEC will be charged for the conditioning in accordance with the rates in Exhibit A. If Qwest determines that conditioning is necessary and CLEC has not previously authorized Qwest to perform the conditioning on the LSR, Qwest will send CLEC a rejection notice indicating the need to obtain approval for conditioning. CLEC must submit a revised LSR before the conditioning work will commence. Once Qwest receives the revised LSR, the fifteen (15) business day conditioning interval will begin as described in Section 9.2.4.9.

9.2.4.3.1.2 For a 2/4 wire non-loaded Loop, ADSL compatible Loop, ISDN capable Loop, and xDSL-I capable Loop, Qwest will return a Firm Order Confirmation (FOC) to CLEC within seventy-two (72) hours from receipt of a valid and accurate LSR. Return of such FOC will indicate that Qwest has identified a Loop assignment. Such FOC will provide CLEC with a firm Due Date commitment or indication that appropriate facilities are not available to fill CLEC's order.

9.2.4.3.1.2.1 If CLEC has pre-approved Loop conditioning, and conditioning is not necessary, Qwest will return the FOC with the standard interval (i.e. five (5) days).

9.2.4.3.1.2.2 If CLEC has not pre-approved Loop conditioning and Qwest determines that the Loop contains load coils, Qwest will notify CLEC via a reject notification. CLEC must submit a new version of the LSR approving Loop conditioning. In this scenario, the Application Date will correspond to the date the new version is received by Qwest.

9.2.4.3.1.2.3 Reserved for Future Use.

9.2.4.3.1.2.4 Reserved for Future Use.

9.2.4.4 Installation intervals for all Unbundled Loops are defined in Exhibit C. The interval will start when Qwest receives a complete and accurate LSR. The LSR date is considered the start of the service interval if the order is received prior to 7:00 p.m. For service requests received after 7:00 p.m., the service interval will begin on the next business day.

9.2.4.4.1 When CLEC places an order for an Unbundled Loop with Qwest that is complete and accurate, Qwest will reply to CLEC with a Firm Order Confirmation within the time specified in Section 20. The Firm Order Confirmation will contain the Due Date that specifies the date on which Qwest will provision the Loop. Qwest will implement adequate processes and procedures to assure the accuracy of the commitment date. If Qwest must make changes to the commitment date, Qwest will promptly issue a jeopardy notification to CLEC that will clearly state the reason for the change in commitment date. Qwest will also submit a new Firm Order Confirmation that will clearly identify the new Due Date.

9.2.4.5 Installation intervals for Unbundled Loops apply when Qwest has facilities or network capacity available.

9.2.4.6 Upon CLEC request, Qwest will convert special access or private line circuits to Unbundled Loops, with or without multiplexing, provided the service originates at CLEC's Collocation in the Serving Wire Center. If multiplexing is not involved, then the Loop conversion ordering process applies. However, if the conversion includes multiplexing, then the ordering process associated with the conversion to EELs applies. The requirements with respect to providing a significant amount of local exchange traffic under Section 9.23.3.7 shall not apply to conversions to Unbundled Loop.

9.2.4.7 Reserved for Future Use.

9.2.4.8 When ordering Unbundled Loops, CLEC is responsible for obtaining or providing facilities and equipment that are compatible with the service CLEC seeks to provide.

9.2.4.9 The installation interval for xDSL Loops depends on the need to condition the Loop.

9.2.4.9.1 When load coils and Bridged Taps do not exist, CLEC may request the standard Due Date interval, which will apply upon submission of a complete and accurate LSR.

9.2.4.9.2 When load coils and/or Bridged Taps do exist, CLEC will request the minimum fifteen (15) business days Desired Due Date. CLEC can determine the existence of load coils or Bridged Taps by using one of the Loop make-up tools. CLEC may pre-approve line conditioning on the LSR and, by doing so, CLEC agrees to pay any applicable conditioning charges. If CLEC did not request the fifteen (15) day interval and Qwest determines that conditioning is required, then the fifteen (15) business day interval starts when the need for conditioning is identified and CLEC approves the conditioning charges.

#### 9.2.4.10 Out of Hours Coordinated Installations.

9.2.4.10.1 For purposes of this Section, Qwest's standard installation hours are 8:00 a.m. to 5:00 p.m., Monday through Friday. Installations requested outside of these hours are considered to be Out of Hours Installations.

9.2.4.10.2 CLEC may request an Out of Hours Coordinated Installation outside of Qwest's standard installation hours.

9.2.4.10.3 To request Out of Hours Coordinated Installations, CLEC will submit an LSR designating the desired appointment time. CLEC must specify an Out of Hours Coordinated Installation in the Remarks section of the LSR.

9.2.4.10.4 The date and time for Out of Hours Coordinated Installations may need to be negotiated between Qwest and CLEC because of system downtime, Switch upgrades, Switch maintenance, and the possibility of other CLECs requesting the same appointment times in the same Switch (Switch contention).

### 9.2.5 Maintenance and Repair

9.2.5.1 CLEC is responsible for its own End User Customer base and will have the responsibility for resolution of any service trouble report(s) from its End User Customers. CLEC will perform trouble isolation on the Unbundled Loop and any associated ancillary services prior to reporting trouble to Qwest. CLEC shall have access for testing purposes at the NID or Loop Demarcation Point. Qwest will work cooperatively with CLEC to resolve trouble reports when the trouble condition has been isolated and found to be within a portion of Qwest's network. Qwest and CLEC will report trouble isolation test results to the other. For Unbundled Loops, each Party shall be responsible for the costs of performing trouble isolation on its facilities, subject to Sections 9.2.5.2 and 9.2.5.3.

9.2.5.2 When CLEC requests that Qwest perform trouble isolation with CLEC, a Maintenance of Service charge will apply if the trouble is found to be on the End User Customer's side of the Loop Demarcation Point. If the trouble is on the End User Customer's side of the Loop Demarcation Point, and CLEC authorizes Qwest to repair the trouble on CLEC's behalf, Qwest will charge CLEC the appropriate Additional Labor Charges set forth in Exhibit A in addition to the Maintenance of Service charge.

9.2.5.3 When CLEC elects not to perform trouble isolation and Qwest performs tests on the Unbundled Loop at CLEC's request, a Maintenance of Service charge shall apply if the trouble is not in Qwest's facilities. Maintenance and Repair processes are set forth in Section 12.3 of this Agreement. Maintenance of Service charges are set forth in Exhibit A.

9.2.5.4 Qwest will maintain detailed records of trouble reports of CLEC-ordered Unbundled Loops, comparing CLEC provided data with internal data, and evaluate such reports on at a minimum of a quarterly basis to determine the cause of Loop problems. Qwest will conduct a quarterly root cause analysis of problems associated with Loops provided to CLEC by Qwest. Based on this analysis, Qwest will take corrective measure to fix persistent and recurrent problems, reporting to CLEC on the analysis and the process changes that are instituted implemented to fix the problems.

9.2.5.5 Qwest shall allow access to the NID for testing purposes where access at the Demarcation Point is not adequate to allow testing sufficient to isolate troubles; in the event that Qwest chooses not to allow such access, it shall waive any trouble isolation charges that may otherwise be applicable.

## 9.2.6 Spectrum Management

9.2.6.1 Qwest will provide 2/4 Wire non-loaded Loops, ADSL compatible Loops, ISDN capable Loops, and xDSL-I-capable Loops (collectively referred to in this Section 9.2.6 as "xDSL Loops") in a non-discriminatory manner to permit CLEC to provide Advanced Services to its End User Customers. Such Loops are defined herein and are in compliance with FCC requirements and guidelines recommended by the Network Reliability and Interoperability Council (NRIC) to the FCC, such as guidelines set forth in T1-417.

9.2.6.2.1 CLEC information provided to Qwest pursuant to Section 9.2.6.2 shall be deemed Confidential Information and Qwest may not distribute, disclose or reveal, in any form, this material other than as allowed and described in subsections of 9.2.6.2.

9.2.6.2.2 The Parties may disclose, on a need to know basis only, CLEC Confidential Information provided pursuant to Section 9.2.6.2, to legal personnel, if a legal issue arises, as well as to network and growth planning personnel responsible for spectrum management functions. In no case shall the aforementioned personnel who have access to such Confidential Information be involved in Qwest's retail marketing, sales or strategic planning.

9.2.6.3 If CLEC wishes to deploy new technology not yet designated with a PSD mask, Qwest and CLEC agree to work cooperatively to determine Spectrum Compatibility. Qwest and CLEC agree, as defined by the FCC, that technology is presumed acceptable for deployment when it complies with existing industry standards, is approved by a standards body or by the FCC or Commission, or if technology has been deployed elsewhere without a "significant degradation of service".

9.2.6.5 If either Qwest or CLEC claims a service is significantly degrading the performance of other Advanced Services or traditional voice band services, then that Party must notify the causing Carrier and allow the causing Carrier a reasonable



opportunity to correct the problem. Upon notification, the causing Carrier shall promptly take action to bring its facilities/technology into compliance with industry standards. Upon request, within forty-eight (48) hours, Qwest will provide CLEC with binder group information including cable, pair, Carrier and PSD class to allow CLEC to notify the causing Carrier.

9.2.6.6 If CLEC is unable to isolate trouble to a specific pair within the binder group, Qwest, upon receipt of a trouble resolution request, will perform a main frame pair by pair analysis and provide results to CLEC within five (5) business days.

9.2.6.7 Reserved for Future Use.

### **9.3 Subloop Unbundling**

#### **9.3.1 Description**

9.3.1.1 An Unbundled Subloop is defined as the distribution portion of a copper Loop or hybrid Loop comprised entirely of copper wire or copper cable that acts as a transmission facility between any point that it is Technically Feasible to access at terminals in Qwest's outside plant (originating outside of the Central Office), including inside wire owned or controlled by Qwest, and terminates at the End User Customer's premises. An accessible terminal is any point on the Loop where technicians can access the wire or fiber within the cable without removing a splice case to reach the wire or fiber within. Such points may include, but are not limited to, the pole, pedestal, Network Interface Device, minimum point of entry, single point of Interconnection, Remote Terminal, Feeder Distribution Interface (FDI), or Serving Area Interface (SAI). CLEC shall not have access on an unbundled basis to a feeder subloop defined as facilities extending from the Central Office to a terminal that is not at the End User Customer's premises or multiple tenant environment (MTE). CLEC shall have access to the feeder facilities only to the extent it is part of a complete transmission path, not a subloop, between the Central Office and the End User Customer's premises or MTE.

9.3.1.1.1 Building terminals within or physically attached to a privately owned building in a Multiple Tenant Environment (MTE) are one form of accessible terminal. Throughout Section 9.3 the Parties obligations around such "MTE Terminals" are segregated because Subloop terms and conditions differ between MTE environments and non-MTE environments.

9.3.1.1.2 For any configuration not specifically addressed in this Agreement, the conditions of CLEC access shall be as required by the particular circumstances. These conditions include: (1) the degree of equipment separation required, (2) the need for separate cross connect devices, (3) the interval applicable to any Collocation or other provisioning requiring Qwest performance or cooperation, (4) the security required to maintain the safety and reliability of the facilities of Qwest and other CLECs, (5) the engineering and operations standards and practices to be applied at Qwest facilities where they are also used by CLECs for Subloop element access, and (6) any other requirements, standards, or practices necessary to assure the safe and reliable operation of all Carriers' facilities.

9.3.1.1.3 Any Party may request, under any procedure provided for by

this Agreement for addressing non-standard services or network conditions, the development of standard terms and conditions for any configuration(s) for which it can provide reasonably clear technical and operational characteristics and parameters. Once developed through such a process, those terms and conditions shall be generally available to any CLEC for any configuration fitting the requirements established through such process.

9.3.1.1.4 Prior to the development of such standard terms and conditions, Qwest shall impose in the six (6) areas identified in Section 9.3.1.1.2 above, only those requirements or intervals that are reasonably necessary, and shall make its determinations within ten (10) business days and shall apprise CLEC of the conditions for access. If there is a dispute regarding the conditions for access, Qwest shall attempt to accommodate access pending resolution of the specific issues in dispute.

9.3.1.1.4.1 MTE Terminals: Accessible terminals within a building in a MTE environment or accessible terminals physically attached to a building in a MTE environment. Qwest Premises located on real property that constitutes a campus environment, yet are not within or physically attached to a non-Qwest owned building, are not considered MTE Terminals.

9.3.1.1.4.2 Detached Terminals: All accessible terminals other than MTE Terminals.

9.3.1.2 Standard Subloops available.

- a) Two-Wire/Four Wire Unbundled Distribution Loop
- b) Intentionally Left Blank
- c) Two-Wire/Four Wire Non-loaded Distribution Loop
- d) Intrabuilding Cable Loop

9.3.1.3 Standard Subloop Access

9.3.1.3.1 Accessing Subloops in Detached Terminals: Subloop unbundling is available after a CLEC-requested Field Connection Point (FCP) has been installed within or adjacent to the Qwest accessible terminal. The FCP is a Demarcation Point connected to a terminal block from which Cross Connections are run to Qwest Subloop elements.

9.3.1.3.2 Accessing Subloops in MTE Terminals: Subloop unbundling is available after CLEC has notified Qwest of its intention to Subloop unbundle in the MTE, during or after an inventory of CLEC's terminations has been created, and CLEC has constructed a cross connect field at the building terminal.

9.3.1.4 Field Connection Point

9.3.1.4.1 Field Connection Point (FCP) is a Demarcation Point that allows

CLEC to interconnect with Qwest outside of the Central Office location where it is Technically Feasible. The FCP interconnects CLEC facilities to a terminal block within the accessible terminal. The terminal block allows a technician to access and combine Unbundled Subloop elements. When a FCP is required, it must be in place before Subloop orders are processed.

9.3.1.4.2 Placement of a FCP within a Qwest Premises for the sole purpose of creating a cross connect field to support Subloop unbundling constitutes a "Cross Connect Collocation."

9.3.1.4.2.1 The terms, conditions, intervals and rates for Cross Connect Collocation are found within Section 9.3.

9.3.1.4.2.2 To the extent that CLEC places equipment in a Qwest Premises that requires power and or heat dissipation, such Collocation is governed by the terms of Section 8 and does not constitute a Cross Connect Collocation.

9.3.1.4.3 A FCP arrangement can be established either within a Qwest accessible terminal, or, if space within the accessible terminal is legitimately exhausted and when Technically Feasible, CLEC may place the FCP in an adjacent terminal. CLEC will have access to the equipment placed within the Collocation for maintenance purposes. However, CLEC will not have access to the FCP Interconnection point.

#### 9.3.1.5 MTE Point of Interconnection (MTE-POI)

9.3.1.5.1 A MTE-POI is necessary when CLEC is obtaining access to the Distribution Loop or Intrabuilding Cable Loop from an MTE Terminal. CLEC must create the cross connect field at the building terminal that will allow CLEC to connect its facilities to Qwest's Subloops. The Demarcation Point between CLEC and Qwest's facilities is the MTE-POI.

9.3.1.6 Once a state has determined that it is Technically Feasible to unbundle Subloops at a designated accessible terminal, Qwest shall either agree to unbundle at such access point or shall have the burden to demonstrate, pursuant to the Dispute Resolution provisions of this Agreement, that it is not Technically Feasible, or that sufficient space is not available to unbundle Subloop elements at such accessible terminal.

9.3.1.7 Qwest shall provide access to additional Subloop elements, e.g. copper feeder, to CLEC where facilities are available pursuant to the Special Request Process in Exhibit F.

### 9.3.2 Standard Subloops Available

#### 9.3.2.1 Distribution Loops

9.3.2.1.1 Two-Wire/Four-Wire Unbundled Distribution Loop: a Qwest-provided facility from the Qwest accessible terminal to the Demarcation Point or Network Interface Device (NID) at the End User Customer location. The Two-

Wire/Four-Wire Unbundled Distribution Loop is suitable for local exchange-type services. CLEC can obtain access to this Unbundled Network Element at any Technically Feasible accessible terminal.

9.3.2.1.2 Two-Wire/Four-Wire Non-Loaded Distribution Loop: a Qwest-provided facility without load coils and excess Bridged Taps from the Qwest accessible terminal to the Demarcation Point or Network Interface Device (NID) at the End User Customer location. When CLEC requests a Non-Loaded Unbundled Distribution Loop and there are none available, Qwest will contact CLEC to determine if CLEC wishes to have Qwest unload a Loop. If the response is affirmative, Qwest will dispatch a technician to "condition" the Distribution Loop by removing load coils and excess Bridged Taps (i.e., "unload" the Loop). CLEC may be charged the cable unloading and Bridged Taps removal nonrecurring charge in addition to the Unbundled Loop installation nonrecurring charge. If a Qwest technician is dispatched and no load coils or Bridged Taps are removed, the nonrecurring conditioning charge will not apply. CLEC can obtain access to this Unbundled Network Element at any Technically Feasible accessible terminal.

9.3.2.1.3 Intrabuilding Cable Loop: a Qwest-provided facility from the building terminal inside a MTE to the Demarcation Point at the End User Customer premises inside the same building. This Subloop element only applies when Qwest owns the intrabuilding cable.

9.3.2.1.4 To the extent CLEC accesses a Subloop in a campus environment from an accessible terminal that serves multiple buildings, CLEC can access the Subloop by ordering a Distribution Loop pursuant to either Section 9.3.2.1.1 or 9.3.2.1.2. A campus environment is one piece of property, owned by one (1) Person or entity, on which there are multiple buildings.

9.3.2.2 Intentionally Left Blank.

9.3.2.2.1 Intentionally Left Blank.

### **9.3.3 MTE Terminal Subloop Access: Terms and Conditions**

9.3.3.1 Access to Distribution Loops or Intrabuilding Cable Loops at an MTE Terminal within a non-Qwest owned MTE is done through an MTE-POI. Collocation is not required to access Subloops used to access the network infrastructure within an MTE, unless CLEC requires the placement of equipment in a Qwest Premises. Cross Connect Collocation, as defined in Section 9.3, refers to creation of a cross connect field and does not constitute Collocation as defined in Section 8. The terms and conditions of Section 8 do not apply to Cross Connect Collocation if required at or near an MTE.

9.3.3.2 To obtain such access, CLEC shall complete the "MTE-Access Ordering Process" set forth in Section 9.3.5.4.

9.3.3.3 The optimum point and method to access Subloop elements will be determined during the MTE Access Ordering Process. The Parties recognize a mutual obligation to interconnect in a manner that maintains network integrity, reliability, and security. CLEC may access the MTE Terminal as a test access point.

9.3.3.4 CLEC will work with the MTE building owner to determine where to terminate its facilities within the MTE. CLEC will be responsible for all work associated with bringing its facilities into and terminating the facilities in the MTE. CLEC shall seek to work with the building owner to create space for such terminations without requiring Qwest to rearrange its facilities.

9.3.3.6 If CLEC connects Qwest's Subloop element to CLEC's facilities using any temporary wiring or cut-over devices, CLEC shall remove any remaining temporary wiring or cut-over devices and install permanent wiring within ninety (90) calendar Days. All wiring arrangements, temporary and permanent, must adhere to the National Electric Code.

9.3.3.7 If there is no space for CLEC to place its building terminal or no accessible terminal from which CLEC can access such Subloop elements, and Qwest and CLEC are unable to negotiate a reconfigured Single Point of Interconnection (SPOI) to serve the MTE, Qwest will either rearrange facilities to make room for CLEC or construct a single point of access that is fully accessible to and suitable for CLEC. Qwest's obligation to construct a SPOI is limited to those MTEs where Qwest has distribution facilities to that MTE and owns, controls, or leases the inside wire at the MTE. In addition, Qwest shall have an obligation only when CLEC indicates that it intends to place an order for access to an unbundled Subloop Network Element via a SPOI. In such instances, CLEC shall pay Qwest a nonrecurring charge, which shall be ICB, based on the scope of the work required. If CLEC requests that a new SPOI be established, then CLEC shall pay Qwest a nonrecurring charge that shall be ICB, based on the scope of the work required. If the MTE Terminal is hard wired in such a manner that a network Demarcation Point cannot be created, Qwest will rearrange the terminal to create a cross connect field and Demarcation Point. Charges for such rearrangement shall be recovered through recurring termination charges.

9.3.3.7.1 If Qwest must rearrange its MTE Terminal to make space for CLEC, Qwest shall have forty-five (45) calendar Days from receipt of a written request from CLEC to complete the rearrangement. Qwest may seek an extended interval if the work cannot reasonably be completed within forty-five (45) calendar Days. In such cases, Qwest shall provide written notification to CLEC of the extended interval Qwest believes is necessary to complete the work. CLEC may dispute the need for, and the duration of, an extended interval, in which case Qwest must request a waiver from the Commission to obtain an extended interval.

9.3.3.7.2 If Qwest must construct a new detached terminal that is fully accessible to and suitable for CLEC, the interval for completion shall be negotiated between the Parties on an Individual Case Basis.

9.3.3.7.3 CLEC may cancel a request to construct an FCP or SPOI prior to Qwest completing the work by submitting a written notification via certified mail to its Qwest account manager. CLEC shall be responsible for payment of all costs previously incurred by Qwest as well as any costs necessary to restore the property to its original condition.

9.3.3.8 At no time shall either Party rearrange the other Party's facilities within the MTE or otherwise tamper with or damage the other Party's facilities within the MTE.

This does not preclude normal rearrangement of wiring or jumpers necessary to connect inside wire or intrabuilding cable to CLEC facilities in the manner described in the MTE Access Protocol. If such damage accidentally occurs, the Party responsible for the damage shall immediately notify the other and shall be financially responsible for restoring the facilities and/or service to its original condition. Any intentional damage may be reported to the proper authorities and may be prosecuted to the full extent of the law.

### **9.3.4 Detached Terminal Subloop Access: Terms and Conditions**

9.3.4.1 Except as to access at an MTE Terminal, access to unbundled Subloop elements at an accessible terminal must be made through a Field Connection Point (FCP) in conjunction with either a Cross Connect Collocation or, if power and/or heat dissipation is required, a Remote Collocation.

9.3.4.2 To the extent that the accessible terminal does not have adequate capacity to house the network interface associated with the FCP, CLEC may opt to use Adjacent Collocation to the extent it is Technically Feasible. Such adjacent access shall comport with NEBS Level 1 safety standards.

#### **9.3.4.3 Field Connection Point**

9.3.4.3.1 Qwest is not required to build additional space for CLEC to access Subloop elements. When Technically Feasible, Qwest shall allow CLEC to construct its own structure adjacent to Qwest's accessible terminal. CLEC shall obtain any necessary authorizations or rights of way required (which may include obtaining access to Qwest rights of way, pursuant to Section 10.8 of this Agreement) and shall coordinate its facility placement with Qwest, when placing its facilities adjacent to Qwest facilities. Obstacles that CLEC may encounter from cities, counties, electric power companies, property owners and similar third parties, when it seeks to interconnect its equipment at Subloop access points, will be the responsibility of CLEC to resolve with the municipality, utility, property owner or other third party.

9.3.4.3.2 The optimum point and method to access Subloop elements will be determined during the Field Connection Point process. The Parties recognize a mutual obligation to interconnect in a manner that maintains network integrity, reliability, and security.

9.3.4.3.3 CLEC must identify the size and type of cable that will be terminated in the Qwest FCP location. Qwest will terminate the cable in the Qwest accessible terminal if termination capacity is available. If termination capacity is not available, Qwest will expand the FDI at the request of CLEC if Technically Feasible, all reconfiguration costs to be borne by CLEC. In this situation only, Qwest shall seek to obtain any necessary authorizations or rights of way required to expand the terminal. It will be the responsibility of Qwest to seek to resolve obstacles that Qwest may encounter from cities, counties, electric power companies, property owners and similar third parties. The time it takes for Qwest to obtain such authorizations or rights of way shall be excluded from the time Qwest is expected to provision the Collocation. CLEC will be responsible for placing the cable from the Qwest FCP to its equipment. Qwest

will perform all of the initial splicing at the FCP.

9.3.4.3.4 CLEC may cancel a Collocation associated with a FCP request prior to Qwest completing the work by submitting a written notification via certified mail to its Qwest account manager. CLEC shall be responsible for payment of all costs previously incurred by Qwest.

9.3.4.3.5 If the Parties are unable to reach an agreement on the design of the FCP through the Field Connection Point Process, the Parties may utilize the Dispute Resolution process pursuant to the Dispute Resolution Section of this Agreement. Alternatively, CLEC may seek arbitration under Section 252 of the Act with the Commission, wherein Qwest shall have the burden to demonstrate that there is insufficient space in the accessible terminal to accommodate the FCP, or that the requested Interconnection is not Technically Feasible.

9.3.4.4 At no time shall either Party rearrange the other Party's facilities within the accessible terminal or otherwise tamper with or damage the other Party's facilities. If such damage accidentally occurs, the Party responsible for the damage shall immediately notify the other and shall be financially responsible for restoring the facilities and/or service to its original condition. Any intentional damage may be reported to the proper authorities and may be prosecuted to the full extent of the law.

### **9.3.5 Ordering/Provisioning**

#### **9.3.5.1 All Subloop Types**

9.3.5.1.1 CLEC may order Subloop elements through the Operational Support Systems described in Section 12.

9.3.5.1.2 CLEC shall identify Subloop elements by NC/NCI codes. This information shall be kept confidential and used solely for spectrum management purposes.

#### **9.3.5.2 Additional Terms for Detached Terminal Subloop Access**

9.3.5.2.1 CLEC may only submit orders for Subloop elements after the FCP is in place. The FCP shall be ordered pursuant to Section 9.3.5.5. CLEC will populate the LSR with the termination information provided at the completion of the FCP process.

9.3.5.2.2 Qwest shall dispatch a technician to run a jumper between its Subloop elements and CLEC's Subloop elements. CLEC shall not at any time disconnect Qwest facilities or attempt to run a jumper between its Subloop elements and Qwest's Subloop elements without specific written authorization from Qwest.

9.3.5.2.3 Once the FCP is in place, the Subloop Provisioning intervals contained in Exhibit C shall apply.

#### **9.3.5.3 Reserved for Future Use.**

#### 9.3.5.4 Additional Terms for MTE Terminal Subloop Access - MTE-Access Ordering Process

9.3.5.4.1 CLEC shall notify its account manager at Qwest in writing, including via email, of its intention to provide access to End User Customers that reside within a MTE. Upon receipt of such request, Qwest shall have up to ten (10) calendar Days to notify CLEC and the MTE owner whether Qwest believes it or the MTE owner owns the intrabuilding cable. In the event that there has been a previous determination of on-premises wiring ownership at the same MTE, Qwest shall provide such notification within two (2) business days. In the event that CLEC provides Qwest with a written claim by an authorized representative of the MTE owner that such owner owns the facilities on the End User Customer side of the terminal, the preceding ten (10) Day period shall be reduced to five (5) calendar Days from Qwest's receipt of such claim.

9.3.5.4.1.1 If Qwest fails to respond to an MTE Ownership Request, or fails to make a determination of ownership or control of on-premises wiring as provided in Section 9.3.5.4.1 above within ten (10) days after CLEC submits an MTE Ownership Request, or if ownership or control of on-premises wiring is otherwise unclear or disputed, Qwest will not prevent or in any way delay CLEC's use of the on-premises wiring to meet an End User Customer request for service. After CLEC has commenced use of the on-premises wiring and if Qwest demonstrates that the facility used by CLEC is on-premises wiring, or such determination is made pursuant to Dispute Resolution, CLEC will compensate Qwest for the use of such on-premises wiring, according to rates set forth in this SGAT, on a retroactive basis from the date of when Qwest demonstrates compliance with Sections 9.3.8.2 and 9.3.8.3.

9.3.5.4.2 If the MTE owner owns the facilities on the Customer side of the terminal, CLEC may obtain access to all facilities in the building in accordance with Section 9.5 concerning access to unbundled NIDs.

9.3.5.4.3 If Qwest owns the facilities on the Customer side of the terminal and if CLEC requests space to enter the building and terminate its facilities and Qwest must rearrange facilities or construct new facilities to accommodate such access, CLEC shall notify Qwest. Upon receipt of such notification, the intervals set forth in Section 9.3.3 shall begin.

9.3.5.4.4 CLEC may only submit orders for Subloop elements after the facilities are rearranged and/or a new facility constructed, if either are necessary. CLEC will populate the LSR with the termination information provided by CLEC at the completion of the inventory process except when submitting LSRs during the creation of the inventory.

9.3.5.4.5 If CLEC orders Intrabuilding Cable Loop, CLEC shall dispatch a technician to run a jumper between its Subloop elements and Qwest's Subloop elements to make a connection at the MTE-POI in accordance with the MTE Access Protocol. If CLEC ordered a Subloop type other than Intrabuilding Cable Loop, Qwest will dispatch a technician to run a jumper between CLECs Subloop elements and Qwest's Subloop elements to make a connection at the MTE-POI.



CLEC, at its option, may request that Qwest run the jumper for intrabuilding cable in MTEs when the inventory is done and a complete LSR has been submitted.

9.3.5.4.5.1 When CLEC accesses a MTE Terminal, it shall employ generally accepted best engineering practices in accordance with industry standards. CLEC shall clearly label the cross connect wires it uses. CLEC wiring will be neatly dressed. When CLEC accesses Subloops in MTE Terminals, it shall adhere to Qwest's Standard MTE Access Protocol unless the Parties have negotiated a separate document for such Subloop access. If CLEC requests a MTE Access Protocol that is different from Qwest's Standard MTE Access Protocol, Qwest shall negotiate with CLEC promptly and in good faith toward that end.

9.3.5.4.6 Once inventory is complete and, if necessary, the facilities are rearranged and or a new facility constructed and when Qwest runs the jumper, the Subloop Provisioning intervals contained in Exhibit C shall apply.

9.3.5.4.7 For access to Qwest's on-premises MTE wire as a Subloop element, CLEC shall be required to submit an LSR, but need not include thereon the circuit-identifying information or await completion of LSR processing by Qwest before securing such access. Qwest shall secure the circuit-identifying information, and will be responsible for entering it on the LSR when it is received. Qwest shall be entitled to charge for the Subloop element as of the time of LSR submission by CLEC.

#### 9.3.5.5 FCP Ordering Process

9.3.5.5.1 CLEC shall submit a Field Connection Point Request Form to Qwest along with its Collocation Application. The FCP Request Form shall be completed in its entirety.

9.3.5.5.2 After construction of the FCP and Collocation are complete, CLEC will be notified of its termination location, which will be used for ordering Subloops.

9.3.5.5.2.1 The following constitute the intervals for provisioning Collocation associated with a FCP, which intervals shall begin upon completion of the FCP Request Form and its associated Collocation Application in their entirety:

9.3.5.5.2.1.1 Any Remote Collocation associated with a FCP in which CLEC will install equipment requiring power and/or heat dissipation shall be in accordance with the intervals set forth in Section 8.4.

9.3.5.5.2.1.2 A Cross Connect Collocation in a detached terminal shall be provisioned within ninety (90) calendar Days from receipt of a written request by CLEC.

9.3.5.5.2.1.3 If Qwest denies a request for Cross Connect Collocation in a Qwest Premises due to space limitations,

Qwest shall allow CLEC representatives to inspect the entire Premises escorted by Qwest personnel within ten (10) calendar Days of CLECs receipt of the denial of space, or a mutually agreed upon date. Qwest will review the detailed space plans (to the extent space plans exist) for the Premises with CLEC during the inspection, including Qwest reserved or optioned space. Such tour shall be without charge to CLEC. If, after the inspection of the Premises, Qwest and CLEC disagree about whether space limitations at the Premises make Collocation impractical, Qwest and CLEC may present their arguments to the Commission. In addition, if after the fact it is determined that Qwest has incorrectly identified the space limitations, Qwest will honor the original Cross Connect Collocation Application date for determining RFS unless both Parties agree to a revised date.

9.3.5.5.2.1.4 Payment for the remaining nonrecurring charges shall be upon the RFS date. Upon completion of the construction activities and payment of the remaining nonrecurring charge, Qwest will schedule with CLEC an inspection of the FCP with CLEC if requested. Upon completion of the Acceptance inspection, CLEC will be provided the assignments and necessary ordering information. With prior arrangements, CLEC can request testing of the FCP at the time of the Acceptance inspection. If Qwest, despite its best efforts, including notification through the contact number on the Cross Connect Collocation Application, is unable to schedule the Acceptance inspection with CLEC within twenty-one (21) calendar Days of the RFS, Qwest shall activate the applicable charges.

9.3.5.5.2.1.5 Qwest may seek extended intervals if the work cannot reasonably be completed within the set interval. In such cases, Qwest shall provide written notification to CLEC of the extended interval Qwest believes is necessary to complete the work. CLEC may dispute the need for and the duration of, an extended interval, in which case Qwest must request a waiver from the Commission to obtain an extended interval.

## 9.3.6 Rate Elements

### 9.3.6.1 All Subloop Types

9.3.6.1.1 Subloop Recurring Charge - CLEC will be charged a monthly recurring charge pursuant to Exhibit A for each Subloop ordered by CLEC.

9.3.6.1.2 Subloop Trouble Isolation Charge - CLEC will be charged a Trouble Isolation Charge pursuant to the Access to OSS – Maintenance and Repair Section when trouble is reported but not found on the Qwest facility.

### 9.3.6.2 Reserved for Future Use.

### 9.3.6.3 Additional rates for Detached Terminal Subloop Access:

9.3.6.3.1 Cross Connect Collocation Charge: CLEC shall pay the full nonrecurring charge for creation of the Cross Connect Collocation set forth in Exhibit A upon submission of the Collocation Application. The FCP Request Form shall not be considered completed in its entirety until complete payment is submitted to Qwest.

9.3.6.3.2 Any Remote Collocation associated with a FCP in which CLEC will install equipment requiring power and/or heat dissipation shall be in accordance with the rate elements set forth in Section 8.3.

9.3.6.3.3 Subloop Nonrecurring Jumper Charge: CLEC will be charged a nonrecurring basic installation charge for Qwest running jumpers within the accessible terminal pursuant to Exhibit A for each Subloop ordered by CLEC.

9.3.6.4 Additional Rates for MTE Terminal Subloop Access

### **9.3.7 Repair and Maintenance**

9.3.7.1 Detached Terminal Subloop Access: Qwest will maintain all of its facilities and equipment in the accessible terminal and CLEC will maintain all of its facilities and equipment in the accessible terminal.

9.3.7.2 MTE Terminal Subloop Access: Qwest will maintain all of its facilities and equipment in the MTE and CLEC will maintain all of its facilities and equipment in the MTE.

## **9.4 Line Sharing**

### **9.4.1 Description**

Line Sharing provides CLEC with the opportunity to offer advanced data services simultaneously with an existing End User Customer's analog voice-grade (POTS) service on a single copper Loop referred to herein as "Shared Loop" or "Line Sharing," by using the frequency range above the voice band on the copper Loop. This frequency range will be referred to herein as the high frequency spectrum Network Element (HUNE). A Splitter separates the voice and data traffic and allows the copper Loop to be used for simultaneous data transmission and POTS service. The POTS service must be provided to the End User Customer by Qwest. This Section does not prohibit Line Splitting, which is addressed in Section 9.21.

9.4.1.1 Intentionally Left Blank.

9.4.1.2 Qwest shall not be required to provide Line Sharing as an Unbundled Network Element except as set forth below.

9.4.1.2.1 Grandfathered Line Sharing Arrangements. Any Line Sharing arrangement that had a Due Date on or before October 1, 2003 and was still in operation as of such date shall be "grandfathered" in accordance with the provisions of this subsection ("Grandfathered Line Sharing Arrangement"). For any such Grandfathered Line Sharing Arrangement, the rate in effect as of October 2, 2003 shall remain in effect unless modified by order, ruling or decision

of the FCC. A Grandfathered Line Sharing Arrangement shall automatically terminate on the earlier to occur of: (i) the date on which the End User Customer served by such Grandfathered Line Sharing Arrangement cancels or otherwise discontinues its subscription to the DSL service of CLEC or its successor or assign or (ii) the date as of which such Grandfathered Line Sharing Arrangement is terminated or discontinued by order, ruling or decision of the FCC. In addition, CLEC may disconnect, or may convert to another Qwest product as is Technically Feasible, any Grandfathered Line Sharing Arrangement at any time.

9.4.1.2.2 Three Year Transition Period. CLEC may order Line Sharing arrangements during the period beginning on October 2, 2003 and ending on October 1, 2004 ("New Line Sharing Arrangement") in accordance with the provisions of this subsection. The Due Date for any New Line Sharing Arrangement may be no later than October 1, 2004, and CLEC may not order any New Line Sharing Arrangement after October 1, 2004. Any New Line Sharing Arrangement shall automatically terminate if, at any time after October 1, 2004, the End User Customer served by such New Line Sharing Arrangement cancels or otherwise discontinues its subscription to the DSL service of CLEC or its successor or assign. The nonrecurring charge for the installation of Line Sharing arrangements shall apply to any New Line Sharing arrangements. The monthly recurring charge for any New Line Sharing Arrangement shall apply as set forth below.

(a) During the period beginning on October 2, 2003 and ending on October 1, 2004, the monthly recurring charge for any such New Line Sharing Arrangement in all zones shall be twenty-five (25) percent of the monthly recurring charge for access to a stand-alone unbundled copper Loop for zone 1 that is in effect as of October 2, 2003, as provided in Exhibit A.

(b) During the period beginning on October 2, 2004 and ending on October 1, 2005, the monthly recurring charge for any such New Line Sharing Arrangement in all zones shall be fifty (50) percent of the monthly recurring charge for access to a stand-alone unbundled copper Loop for zone 1 that is in effect as of October 2, 2003, as provided in Exhibit A.

(c) During the period beginning on October 2, 2005 and ending on October 1, 2006, the monthly recurring charge for any such New Line Sharing Arrangement in all zones shall be seventy-five (75) percent of the monthly recurring charge for access to a stand-alone unbundled copper Loop for zone 1 that is in effect as of October 2, 2003, as provided in Exhibit A.

(d) Completion of Transition. New Line Sharing Arrangements will no longer be available as of October 2, 2006. No later than October 2, 2006, CLEC must convert all New Line Sharing arrangements to a Line Splitting arrangement, to a stand-alone Unbundled Loop, or to such other arrangement as CLEC may have negotiated with Qwest to replace such New Line Sharing arrangement.

e) As of February 2, 2004, Qwest's Billing systems are not equipped

to Bill the rates for New Line Sharing Arrangements described in paragraphs (a) through (c) above. Qwest will not commence Billing the rates for New Line Sharing Arrangements described in paragraphs (a) through (c) above until Qwest has provided CLEC with forty-five (45) Days notice, in accordance with Section 5.21. Until such notice has been given, and the forty-five (45) Day notice period has expired, Qwest will Bill a rate for New Line Sharing Arrangements equal to the rate in effect as of October 1, 2003, unless modified by order, ruling or decision of the FCC.

9.4.1.2.3 Discontinuation of Voice Service. Notwithstanding anything herein to the contrary, if an End User Customer disconnects voice service provided by Qwest, the Line Sharing arrangement shall terminate. CLEC may arrange to provide DSL service to the End User Customer through purchase of an Unbundled Loop.

9.4.1.2.4 Successors and Assigns. Line Sharing arrangements may be transferred or assigned by CLEC to another Carrier as set forth below.

9.4.1.2.4.1 Grandfathered Line Sharing Arrangements. Any Grandfathered Line Sharing Arrangement shall be transferable or assignable by CLEC to another Carrier if the DSL service to CLEC's End User Customer is not canceled or discontinued in connection with such transfer or assignment. In such event, the monthly recurring rate in effect as of October 2, 2003 shall remain in effect with respect to such Grandfathered Line Sharing Arrangement until it is terminated or modified in accordance with the provisions of Section 9.4.1.2.1. Carrier will be billed the Transfer of Responsibility nonrecurring charge as provided in Exhibit A to transfer or assign Grandfathered Line Sharing Arrangements. Notwithstanding the foregoing, in the event the transfer or assignment of any Grandfathered Line Sharing Arrangement involves: (i) cancellation or discontinuation of the DSL service to CLEC's End User Customer or (ii) re-termination of the End User Customer's DSL service, then (a) such Line Sharing arrangement shall no longer be subject to the grandfathering provisions of Section 9.4.1.2.1 and (b) such line shall be eligible for treatment as a New Line Sharing Arrangement pursuant to, and subject to the terms and conditions of, Section 9.4.1.2.2 (including, without limitation, the specified recurring and nonrecurring charges for New Line Sharing Arrangements and the October 1, 2004 deadline for establishing New Line Sharing Arrangements).

9.4.1.2.4.2 New Line Sharing Arrangements. Any New Line Sharing Arrangement shall be transferable or assignable by CLEC to another Carrier provided that such transfer or assignment takes place before October 1, 2004. Carrier will be charged the Shared Loop nonrecurring charges as provided in Exhibit A to transfer or assign New Line Sharing Arrangements. Following transfer or assignment, the New Line Sharing Arrangement in question will be assessed the monthly recurring rates described in Sections 9.4.1.2.2 (a)-(c) above, and shall be subject to termination in accordance with Sections 9.4.1.2.3 and 9.4.1.2.4. If re-termination of a New Line Sharing arrangement is required to complete any such transfer or assignment, then the new

Carrier will be assessed the nonrecurring rates for New Line Sharing Arrangements as specified in Section 9.4.1.2.2 above. No transfers or assignments of New Line Sharing Arrangements shall be allowed after October 1, 2004.

## 9.4.2 Terms and Conditions

### 9.4.2.1 General

9.4.2.1.1 To order the HUNE, CLEC must have a Splitter installed in the Qwest Wire Center that serves the End User Customer as provided for in this Section, and the End User Customer must have dial tone originating from a Qwest Switch in that Wire Center. CLEC must provide the End User Customer with, and is responsible for, the installation of a Splitter, filter(s) and/or other equipment necessary for the End User Customer to receive separate voice and data service across a single copper Loop.

9.4.2.1.2 Intentionally Left Blank.

9.4.2.1.3 CLEC may use the HUNE to provide any xDSL services that will not interfere with analog voiceband transmissions in accordance with FCC rules. Such services currently are limited to ADSL, RADSL, Multiple Virtual Lines (MVL) and G.lite. In the future, additional services may be used by CLEC to the extent those services are deemed acceptable for Line Sharing deployment under applicable FCC rules.

9.4.2.1.4 CLEC may not order the HUNE on a given copper Loop if Qwest, or another Telecommunications Carrier, is already using the high frequency spectrum, unless the End User Customer disconnects the original Telecommunications Carrier's high-frequency service.

9.4.2.1.5 CLEC may request, and Qwest will provide, conditioning of Shared Loops to remove load coils, excess Bridged Taps, or electronics subject to the charges for Loop conditioning in Exhibit A. Qwest will perform requested conditioning, including de-loading and removal of excess Bridged Taps, unless Qwest demonstrates in advance that conditioning a Shared Loop will significantly degrade the End User Customer's analog voice-grade POTS service. Based on the pre-order make-up of a given copper Loop, CLEC can make a preliminary determination if the Loop can meet the technical parameters applicable to the data service it intends to provide over the Loop.

9.4.2.1.6 Qwest will provide CLEC with access to the HUNE through Splitters installed in Qwest Wire Centers. Splitters may be installed in Qwest Wire Centers in either of the following ways at the discretion of CLEC: (a) via the standard Collocation arrangements set forth in the Collocation Section; or (b) via Common Area Splitter Collocation as set forth in this Section. Under either option, Splitters will be appropriately hard-wired or pre-wired so that Qwest is not required to inventory more than two (2) points of termination.

9.4.2.1.7 Intentionally Left Blank.

#### 9.4.2.2 CLEC Collocation Area Splitter

9.4.2.2.1 If CLEC elects to have Splitters installed in Qwest Wire Centers via the standard Collocation arrangements set forth in the Collocation Section, CLEC will either purchase the Splitters or have Qwest purchase the Splitters subject to full reimbursement of the cost of the Splitters plus any pass through actual vendor invoice costs, including but not limited to taxes, shipping and handling. The Splitters must meet the requirements for Central Office equipment Collocation set by the FCC. CLEC will be responsible for installing and maintaining the Splitters in its Collocation areas within Qwest Wire Centers.

9.4.2.2.2 CLEC may designate some or all of its existing tie cables for use in connection with Line Sharing. Qwest will perform any necessary tie cable reclassifications, frame re-stenciling, and related work for which it is responsible and that is required to provision Line Sharing. Charges will apply pursuant to Exhibit A of the Agreement.

9.4.2.2.3 Two (2) ITPs and two (2) tie cables will be needed to connect Splitters to the Qwest network. One (1) ITP will carry both voice and data traffic from the COSMIC™/MDF Loop termination, to an appropriate ICDF. From this frame, one (1) tie cable will carry both voice and data traffic to the Splitter located in CLEC's Collocation area. The voice and data traffic will be separated at the Splitter. The data traffic will be routed to CLEC's network within its Collocation area. The voice traffic will be routed to the COSMIC™/MDF Switch termination, via the ICDF, using a second tie cable and a second ITP.

9.4.2.2.4 Interconnection Tie Pairs and Tie Cables. There are two (2) types of ITP arrangements for connecting the Qwest network to the CLEC-provided Splitter, depending on whether CLEC elects to use an ICDF or direct connections.

9.4.2.2.4.1 CLEC may elect to use an ICDF. In this instance, one (1) ITP carries the combined voice/data signal from the COSMIC™/MDF Loop termination to the ICDF and a second ITP carries the voice only signal from the ICDF to the COSMIC™/MDF Switch termination. For each Shared Loop, two (2) pairs of the tie cable must be used: one (1) pair of the tie cable will carry the voice/data from the ICDF to the CLEC-provided Splitter, and the second pair will carry the voice-only signal from the CLEC-provided Splitter to the ICDF.

9.4.2.2.4.2 CLEC may elect to use direct connections between the CLEC-provided Splitter and the COSMIC™/MDF. In this instance, Qwest will provide one (1) tie cable between each module of the COSMIC™/MDF and the CLEC-provided Splitter. One (1) pair in the tie cable will carry the combined voice/data signal from the COSMIC™/MDF Loop termination to the CLEC-provided Splitter in CLEC's Collocation space. A second pair in the tie cable will carry the voice-only signal from the CLEC-provided Splitter to the Switch termination on the COSMIC™/MDF. These tie cables will be dedicated to CLEC's use, and, as a result, the full cost of the necessary Mechanized Engineering and Layout for Distributing Frame (MELD™) run, cable placement, and cable

termination, and associated COSMIC™/MDF hardware to terminate a tie cable on each outside plant and Switch equipment module of the COSMIC™/MDF will be assessed to CLEC in accordance with Section 8 (Collocation). To minimize CLEC's cost, to the extent feasible, Qwest shall consolidate CLEC's requirements with the requirements of Qwest and other CLECs into a single MELD™ run whenever feasible. Costs of such consolidated MELD™ runs shall be prorated among the parties, including Qwest. Qwest will provide, for each Shared Loop, the tie cable pair assignments.

9.4.2.2.5 The Demarcation Points between Qwest's network and CLEC's network will be the place where the combined voice and data Loop is connected to the ICDF, or where CLEC chooses a direct connection to the COSMIC™/MDF, where the combined voice and data Loop originates from CLEC's Collocation.

### 9.4.2.3 Common Area Splitter Collocation

9.4.2.3.2 Two (2) ITPs and four (4) tie cables will be needed to connect the Splitters to the Qwest network. One (1) ITP will carry both voice and data traffic from the COSMIC™/MDF Loop termination, to an appropriate ICDF. From this frame, one (1) tie cable will carry both voice and data traffic to the Splitter. The voice and data traffic will be separated at the Splitter, and the separated voice and data traffic will be routed to the ICDF via separate tie cables (i.e., the second and third tie cables). At the ICDF, the data traffic will be routed to CLEC's Collocation area via a fourth tie cable, and the voice traffic will be routed to the COSMIC™/MDF Switch termination, via a second ITP. CLEC can also elect a direct connect option pursuant to Section 8.3.1.11.2.

9.4.2.3.3 Qwest will provide the cabling used for tie cables between the Splitter and the ICDF. The Splitter Tie Cable Connection Charge will apply.

9.4.2.3.4 The Demarcation Point between Qwest's network and CLEC's network will be at the place where the data Loop leaves the Splitter on its way to CLEC's collocated equipment, or at the ICDF, where the data port is cabled to existing CLEC Collocation tie cable.

## 9.4.3 Line Sharing Deployment

9.4.3.1 New applications for installation of Splitters will be processed in the manner outlined in the Collocation Section for Cageless or Common Area Splitter Collocation.

9.4.3.2 CLEC may submit applications for additional DS0 tie cable terminations and/or reclassifications to support Line Sharing. Qwest will process any such applications for augmentation and/or reclassification of DS0 tie cable terminations under intervals as outlined below in this Section.

9.4.3.3 Augmentation intervals will be thirty (30) Days, subject to the following terms and conditions identified below:

9.4.3.3.1 Intentionally Left Blank.



9.4.3.3.2 Intentionally Left Blank.

9.4.3.3.3 The interval for reclassification will be fifteen (15) Days, subject to the following terms and conditions. If requested reclassification engineering results in additional requirements for DS0 tie cable termination or tie cable support, the interval will default to thirty (30) Days.

9.4.3.3.4 Intentionally Left Blank.

9.4.3.3.5 In the event CLEC, or Qwest acting as purchasing agent for CLEC, is unable to procure any equipment needed to complete all work required by applications submitted to Qwest by CLEC, including but not limited to, Splitters or cabling, Qwest will install the subject equipment when it becomes available. If Qwest is acting as purchasing agent for CLEC and is unable to procure equipment to complete all work in a timely manner, CLEC may provide Qwest with the subject equipment. CLEC will be notified by Qwest of the required material on-site date for the affected Wire Center(s) and CLEC will have two (2) business days to determine if it will be able to provide the subject equipment in advance of the material on-site date. If CLEC does not notify Qwest in writing of its intent to provide the subject equipment within this two (2) business day period, or if the subject equipment is not provided in a timely manner, Qwest will install the subject equipment when available.

#### **9.4.4 Rate Elements**

9.4.4.1 Recurring Rates for Shared Loop

9.4.4.1.1 Shared Loop Charge - A monthly recurring charge for the use of the Shared Loop will apply.

9.4.4.1.2 OSS Charge - A monthly recurring charge to recover upgrades to Qwest Operational Support Systems required to accommodate Line Sharing will apply.

9.4.4.2 Nonrecurring Rates for the Shared Loop

9.4.4.2.1 Basic Installation Charge for Shared Loop – A nonrecurring charge for each Shared Loop installed will apply.

9.4.4.2.2 If CLEC requests conditioning of a Shared Loop, a nonrecurring conditioning charge specified in Exhibit A will apply for removal of load coils and excess Bridged Taps. If the conditioning significantly degrades the voice services on the Loop to the point it is unacceptable to the End User Customer, CLEC shall pay the conditioning charge in Exhibit A to recondition the Loop.

9.4.4.3 Nonrecurring Rates for Tie Cable Reclassification

9.4.4.3.1 Reclassification Charge – A nonrecurring charge will apply, based on time and materials for reclassification of existing tie cable capacity, by among other things, reclassification of existing tie cables for Line Sharing, frame re-stenciling, and any other work performed between CLEC's Collocation and the

Interconnection Distribution Frame (ICDF) required to provision Line Sharing.

#### 9.4.4.4 Nonrecurring Rates for Maintenance and Repair

9.4.4.4.1 Trouble Isolation Charge – A nonrecurring charge for trouble isolation will be applied in accordance with Section 12.3.4.

9.4.4.4.2 Additional Testing – CLEC may request Qwest to perform additional testing, and Qwest may decide to perform the requested testing on a case-by-case basis. A nonrecurring charge will apply in accordance with Exhibit A.

#### 9.4.4.5 Rates for Common Area Splitter Collocation

9.4.4.5.1 Splitter Shelf Charge – This charge recovers installation and ongoing maintenance associated with Splitter installation, bay installation, lighting costs, aerial support structures and grounding charge for Splitters either in a bay, on the ICDF, or on the MDF/COSMIC™. These are both recurring and nonrecurring charges.

9.4.4.5.2 Splitter Charge – A nonrecurring charge will apply for the cost of each Splitter purchased by Qwest on behalf of CLEC. This charge will cover the cost of the Splitter, plus any associated costs incurred by Qwest to order the Splitter.

9.4.4.5.3 Engineering – A nonrecurring charge will apply for the planning and engineering associated with placing Splitters in the Central Office, either in a bay, on the ICDF, or on the MDF/COSMIC™.

9.4.4.6 Splitter Tie Cable Connections Charge – A nonrecurring charge will apply for the cost of each tie cable connected to the Splitters in three (3) different configurations: common area; Collocation space; and Main Distribution Frame. This charge will cover both the tie cables and associated blocks per one hundred (100) pair between the Splitter and the ICDF or Splitter bay.

9.4.4.7 The rates for each of the aforementioned Line Sharing rate elements are set forth in Exhibit A. All of these rates are interim and will be subject to true up based on either mutually agreed to permanent rates or permanent rates established in a Line Sharing cost proceeding conducted by the Commission. In the event interim rates are established by the Commission before permanent rates are set, the interim rates set forth in Exhibit A will be changed to reflect the interim rates set by the Commission; however, no true up will be performed until mutually agreed to permanent rates are established or permanent rates are set by the Commission.

### 9.4.5 Ordering Process

#### 9.4.5.1 Shared Loop

9.4.5.1.1 As a part of the pre-order process, CLEC can access Loop characteristic information through the Loop Information Tool described in the

Access to OSS Section. CLEC will determine, in its sole discretion, whether to order the HUNE across any specific copper Loop. Qwest and CLEC will work together to modify the Loop Information Tool to better support Line Sharing. CLEC shall accept the risk that the Loop selected may not be suitable for providing the type of xDSL service CLEC seeks to provide.

9.4.5.1.2 The appropriate Splitter Meet Points dedicated to the Splitters will be provided on the Line Sharing Actual Point of Termination (APOT) form one (1) day prior to the Ready for Service date or at an interval ordered by the Commission or further agreed to by Qwest and CLEC in writing. CLEC will provide on the LSR, the appropriate frame terminations which are dedicated to Splitters. Qwest will administer all cross connects/jumpers on the COSMIC™/MDF and ICDF.

9.4.5.1.3 Basic Installation "lift and lay" procedure will be used for all Shared Loop orders. Under this approach, a Qwest technician "lifts" the Loop from its current termination in a Qwest Wire Center and "lays" it on a new termination connecting to CLEC's collocated equipment in the same Wire Center.

9.4.5.1.4 Qwest will provision the Shared Loop within the standard Unbundled Loop Provisioning interval as defined in Exhibit C.

9.4.5.1.4.1 Intentionally Left Blank.

9.4.5.1.5 CLEC shall not place initial orders for Shared Loops until all infrastructure work necessary to provision Line Sharing in a given Qwest Wire Center, including, but not limited to, Splitter installation and tie cable reclassification or augmentation has been completed. Upon CLEC request at any time, including before placing an order, Qwest will arrange for a Wire Center walkthrough to verify the Line Sharing installation including APOT Information and associated databases, wiring and stenciling in the Qwest Wire Center.

9.4.5.1.6 Prior to placing an LSR for Shared Loop, CLEC must obtain a Proof of Authorization from the End User Customer in accordance with the Proof of Authorization Section.

#### 9.4.5.2 Common Area Splitter Collocation

9.4.5.2.1 This Section only applies to situations where CLEC orders placement of the Splitter in a common area.

9.4.5.2.2 New Splitter shelves may be ordered at the same time as a new Collocation on a single Collocation Application form. A single order processing charge applies. Standard intervals as contained in Exhibit C will apply.

9.4.5.2.3 New Splitter shelves may be ordered with an existing Collocation. CLEC must submit a new Collocation Application form and the applicable fee to Qwest. Standard intervals as contained in Exhibit C will apply.

### 9.4.5.3 Tie Cable Reclassification

9.4.5.3.1 To the extent CLEC has existing DS0 tie cables extending from an ICDF to its Collocation space, CLEC may request that these existing DS0 tie cables be reclassified for use with Line Sharing. CLEC shall request such reclassification through the same process used to order new terminations.

## 9.4.6 Repair and Maintenance

9.4.6.1 Qwest will allow CLEC to access Shared Loops at the point where the combined voice and data Loop is cross connected to the Splitter.

9.4.6.2 Qwest will be responsible for repairing voice services provided over Shared Loops and the physical line between Network Interface Devices at End User Customer premises and the point of demarcation in Qwest Wire Centers. Qwest will also be responsible for inside wiring at End User Customer premises in accordance with the terms and conditions of inside wire maintenance agreements, if any, between Qwest and its End User Customers. CLEC will be responsible for repairing data services provided on Shared Loops and is entitled to test the entire frequency range of the Loop facility. Qwest and CLEC each will be responsible for maintaining its equipment. The entity that controls the Splitters will be responsible for their maintenance.

9.4.6.3 Qwest and CLEC will continue to develop Maintenance and Repair procedures for Line Sharing and agree to document final agreed to procedures in a methods and procedures document that will be made available on Qwest's web site: <http://www.qwest.com/wholesale/pcat/>. In the interim, Qwest and CLEC agree that the following general principles will guide the Maintenance and Repair process for Line Sharing.

9.4.6.3.1 If an End User Customer complains of a voice service problem that may be related to the use of a Shared Loop for data services, Qwest and CLEC will work together with the End User Customer to solve the problem to the satisfaction of the End User Customer. Qwest will not disconnect the data service provided to an End User Customer over a Shared Loop without the written permission of CLEC unless the End User Customer's voice service is so degraded that the End User Customer cannot originate or receive voice grade calls and/or the End User Customer authorizes Qwest to disconnect the data service. Qwest will notify CLEC whenever this occurs upon voice trouble ticket closure.

9.4.6.3.2 Qwest and CLEC are responsible for their respective End User Customer base. Qwest and CLEC will have the responsibility for resolution of any service trouble report(s) initiated by their respective End User Customers.

9.4.6.3.3 Qwest will test for electrical faults (e.g. opens, and/or foreign voltage) on Shared Loops in response to trouble tickets initiated by CLEC. Testing will be done in such a way as to ensure circuit integrity from the Central Office Demarcation Point to the MDF. When trouble tickets are initiated by CLEC, and such trouble is not an electrical fault (e.g. opens, shorts, and/or foreign voltage) in Qwest's network, Qwest will assess CLEC the Trouble Isolation Charge (TIC).

9.4.6.3.4 When trouble reported by CLEC is not isolated or identified by tests for electrical faults (e.g., opens, shorts, and/or foreign voltage), Qwest may perform additional testing at the request of CLEC on a case-by-case basis. CLEC may request that Qwest perform additional testing and Qwest may decide not to perform requested testing where it believes, in good faith, that additional testing is unnecessary because the test requested has already been performed or otherwise duplicates the results of a previously performed test. In this case, Qwest will provide CLEC with the relevant test results on a case-by-case basis. If this additional testing uncovers electrical fault trouble (e.g., opens, shorts, and/or foreign voltage) in the portion of the network for which Qwest is responsible, CLEC will not be charged by Qwest for the testing. If this additional testing uncovers a problem in the portion of the network for which CLEC is responsible, Qwest will assess the appropriate Miscellaneous Charges.

9.4.6.4 When Splitters are installed in Qwest Wire Centers via Common Area Splitter Collocation, CLEC will order and install additional Splitter cards as necessary to increase the capacity of the Splitters. CLEC will leave one (1) unused, spare Splitter card in every shelf to be used for Maintenance and Repair until such time as the card must be used to fill the shelf to capacity.

9.4.6.5 When Splitters are installed in Qwest Wire Centers via standard Collocation arrangements, CLEC may install test access equipment in its Collocation areas in those Wire Centers for the purpose of testing Shared Loops. This equipment must meet the requirements for Central Office equipment set by the FCC in its March 31, 1999 Order in CC Docket No. 98-147.

9.4.6.6 Qwest and CLEC will work together to address End User Customer initiated repair requests and to prevent adverse impacts to the End User Customer.

#### **9.4.7 Other**

9.4.7.1 Intentionally Left Blank.

9.4.7.2 Intentionally Left Blank.

9.4.7.3 Intentionally Left Blank.

9.4.7.3.1 Intentionally Left Blank.

9.4.7.3.2 Intentionally Left Blank.

9.4.7.3.3 Intentionally Left Blank.

### **9.5 Network Interface Device (NID)**

#### **9.5.1 Description**

The Qwest NID is defined as any means of Interconnection of on-premises wiring and Qwest's distribution plant, such as a cross connect device used for that purpose. Specifically, the NID is a single line termination device or that portion of a multiple line termination device required to terminate a single line or circuit at a premises. If CLEC seeks to access a NID as well as a

Subloop connected to that NID, it may do so only pursuant to Section 9.3. If CLEC seeks to access only a NID (i.e., CLEC does not wish to access a Subloop connected to that NID), it may only do so pursuant to this Section 9.5. Qwest shall permit CLEC to connect its own Loop facilities to on-premises wiring through Qwest's NID, or at any other Technically Feasible point. The NID carries with it all features, functions and capabilities of the facilities used to connect the Loop distribution plant to the End User Customer's premises wiring, including access to the Cross Connection field, regardless of the particular design of the NID mechanism. Although the NID provides the connection to the End User Customer's premises wiring, it may not represent the Demarcation Point where Qwest ownership or control of the intra-premises wiring ends. The NID contains a protective ground connection that protects the End User Customer's on-premises wiring against lightning and other high voltage surges and is capable of terminating media such as twisted pair cable. If CLEC orders Unbundled Loops on a reuse basis, the existing drop and Qwest's NID, as well as any on premises wiring that Qwest owns or controls, will remain in place and continue to carry the signal over the End User Customer's on-premises wiring to the End User Customer's equipment. Notwithstanding the foregoing, an Unbundled Loop and any Subloop terminating at a NID shall include the existing drop and the functionality of the NID as more specifically set forth in Section 9.2. The NID is offered in three (3) varieties:

9.5.1.1 Simple NID - The modular NID is divided into two (2) components, one containing the over-voltage unit (protector) and the other containing the End User Customer's on-premises inside wiring termination, and a modular plug which connects the inside wire to the distribution plant or dial tone source. The non-modular NID is a protector block with the inside wire terminated directly on the distribution facilities.

9.5.1.2 Smart NID – To the extent Qwest has deployed "smart" devices in general meaning a terminating device that permits the service provider to isolate the Loop facility from the premises wiring for testing purposes, and such devices have spare functioning capacity not currently used by Qwest or any other provider, Qwest shall provide unbundled access to such devices. Qwest shall also continue to allow CLEC, at its option, to use all features and functionality of the Qwest NID including any protection mechanisms, test capabilities, or any other capabilities now existing or as they may exist in the future regardless of whether or not CLEC terminates its own distribution facility on the NID.

9.5.1.3 Multi-Tenant (MTE) NID - The MTE NID is divided into two (2) functional components: one containing the over-voltage unit (protector) and the other containing the terminations of the on-premises inside wiring. Such devices contain the protectors for, and may be located externally or internally to the premises served.

## 9.5.2 Terms and Conditions

9.5.2.1 CLEC may use the existing Qwest NID to terminate its drop if space permits, otherwise a new NID or other Technically Feasible Interconnection point is required. If CLEC installs its own NID, CLEC may connect its NID to the Qwest NID by placing a cross connect between the two. When Provisioning a NID-to-NID connection, CLEC will isolate the Qwest facility in the NID by unplugging the modular unit. If CLEC requires that a non-modular unit be replaced with a modular NID, Qwest will perform the replacement for the charge described in Section 9.5.3.1. If CLEC is a facilities-based provider up to and including its NID, the Qwest facility currently in place, including the NID, will remain in place.

9.5.2.1.1 Qwest shall allow CLEC to connect its Loops directly to the NID field containing the terminations of the on-premises inside wiring not owned or controlled by Qwest, without restriction. Where Qwest does not own or control the on-premises inside wiring, CLEC and the landowner shall determine procedures for such access.

9.5.2.1.2 Qwest shall allow CLEC to use all features and functionality of the Qwest NID including any protection mechanisms, test capabilities, or any other capabilities now existing or as they may exist in the future.

9.5.2.1.3 Pursuant to generally acceptable work practices, and provided the inside wire re-termination is required to meet service requirements of either Parties' End User Customer, either Party may remove the inside wire from the NID and connect that wire to that Party's own NID. Future installation of Qwest NIDs will be such that it will not unnecessarily impede access to the End User Customer's wiring.

9.5.2.1.4 CLEC may enter the subscriber access chamber or End User Customer side of a dual chamber NID enclosure for the purpose of NID-to-NID connections.

9.5.2.1.5 Upon CLEC request, Qwest will make other rearrangements to the inside wire terminations or terminal enclosure. Charges will be assessed per Section 9.5.3.4. No such charge shall be applicable if Qwest initiates the rearrangement of such terminations. In all such instances, rearrangements shall be performed in a non-discriminatory fashion and timeframe and without an End User Customer's perceivable disruption in service. Qwest will not make any rearrangements of wiring that is provided by another Carrier that relocates the other Carrier's test access point without notifying the affected Carrier promptly after such rearrangement if CLEC has properly labeled its cross connect wires.

9.5.2.2 Qwest will retain sole ownership of the Qwest NID and its contents on Qwest's side. Qwest is not required to proactively conduct NID change-outs, on a wide scale basis. At CLEC's request, Qwest will change the NID on an individual request basis by CLEC and charges will be assessed per Section 9.5.3.5 except where Section 9.5.5.1 applies. Qwest is not required to inventory NID locations on behalf of CLEC.

9.5.2.3 When CLEC accesses a Qwest NID, it shall employ generally accepted best engineering practices and comply with industry standards should such standards exist when it physically connects its NID (or equivalent) to the Qwest NID and makes Cross Connections necessary to provide service. At MTE NIDs, CLEC shall clearly label the cross connect wires it uses to provide service. Qwest shall label its terminals when a technician is dispatched.

9.5.2.4 All services fed through a protector field in a Qwest NID located inside a building will interface on an industry standard termination block and then extend, via a Cross Connection to the End User Customer's in-premises wiring. All services fed through a protector field in a Qwest NID that is attached to a building will interface on industry standard lugs or a binding post type of termination and then extend, via a Cross Connection, to the End User Customer's on-premises wiring.

### 9.5.3 Rate Elements

9.5.3.1 If CLEC requests the current simple NID to be replaced with a different simple NID, pursuant to Section 9.5.2.1, charges will be assessed on a time and materials basis with CLEC paying only for the portion of the change out that is specific to and for the functionality that supports CLEC requirements.

9.5.3.2 Recurring rates for unbundled access to the protector field in a Qwest NID are contained in Exhibit A of this Agreement and apply pursuant to Section 9.5.2.5. As of the Effective Date of this Agreement, Qwest has not implemented charges for this recurring rate element, but reserves the right to assess such a charge in the future.

9.5.3.3 When CLEC requests that Qwest perform the work to connect its NID to the Qwest NID, the costs associated with Qwest performing such work will be charged to CLEC on a time and materials basis.

9.5.3.5 CLEC will be billed on a time and materials basis for any change out Qwest performs pursuant to Section 9.5.2.2. CLEC will be billed only for the portion of the change out that is specific to CLEC's request for additional capacity.

### 9.5.4 Ordering Process

9.5.4.1 Intentionally Left Blank.

9.5.4.2 CLEC may access a MTE NID after determining that the terminal in question is a NID, per the process identified in Section 9.3. If the terminal is a NID and CLEC wishes to access the End User Customer field of the NID, no additional verification is needed by Qwest. CLEC shall tag its jumper wire.

9.5.4.2.1 When CLEC seeks to connect to a cross connect field other than to the End User Customer field of the NID, CLEC shall submit a LSR for connection to the NID. Qwest shall notify CLEC, within ten (10) business days, if the connection is not Technically Feasible. In such cases, Qwest shall inform CLEC of the basis for its claim of technical infeasibility and, at the same time, identify all alternative points of connection that Qwest would support. CLEC shall have the option of employing the alternative terminal or disputing the claim of technical infeasibility pursuant to the Dispute Resolution provisions of this Agreement. No additional verification is needed by Qwest and CLEC shall tag its jumper wire.

9.5.4.3 Subject to the terms of Section 9.5.4.2, CLEC may perform a NID-to-NID connection, according to Section 9.5.2.3, and access the End User Customer field of the NID without notice to Qwest. CLEC may access the protector field of the NID by submitting a LSR.

### 9.5.5 Maintenance and Repair

9.5.5.1 If Qwest is dispatched to an End User Customer's location on a maintenance issue and finds the NID to be defective, Qwest will replace the defective element or, if beyond repair, the entire device at no cost to CLEC. If the facilities and lines have been removed from the protector field or damaged by CLEC, CLEC will be



responsible for all costs associated with returning the facilities and lines back to their original state. Charges for this work will be on a time and materials basis and billed directly to CLEC. Billing disputes will be resolved in accordance with the Dispute Resolution process contained in this Agreement. Maintenance and Repair processes are contained in the Access to OSS Section of this Agreement.

## **9.6 Unbundled Dedicated Interoffice Transport (UDIT)**

Qwest shall provide access to Unbundled Dedicated Interoffice Transport (UDIT) in a non-discriminatory manner according to the following terms and conditions.

### **9.6.1 Description**

9.6.1.1 Unbundled Dedicated Interoffice Transport (UDIT) provides CLEC with a network element of a single transmission path between Qwest end offices, Serving Wire Centers or Tandem switches in the same LATA and state. A UDIT can also provide a path between one CLEC Wire Center and a different CLEC Wire Center or between the Qwest Serving Wire Center and CLEC's Wire Center or an IXC's Point of Presence located within the same Qwest Serving Wire Center area. UDIT is a distance-sensitive, flat-rated bandwidth-specific interoffice transmission path designed to a DSX. Qwest shall allow CLEC to access UDIT that is a part of a meet point arrangement between Qwest and another Local Exchange Carrier if CLEC has an Interconnection agreement containing access to UDIT with connecting Local Exchange Carrier at the determined meet point. Qwest rates, terms and conditions shall apply to the percentage of the route owned by Qwest. UDIT is available in DS0 through OC-192 bandwidths and such higher capacities as evolve over time where facilities are available. UDIT in bandwidths up to OC-48 is a defined product. Higher bandwidths can be ordered using the Special Request Process. CLEC can assign channels and transport its choice of voice or data. Specifications, interfaces and parameters are described in Qwest Technical Publication 77389.

9.6.1.2 Intentionally Left Blank.

9.6.1.3 Intentionally Left Blank.

9.6.1.4 All services provided in this Section are subject to the Ratcheting criteria as outlined in Section 9.1.1.4 of this Agreement.

9.6.1.5 CLEC can submit requests through the ASR process to move or rearrange UDIT terminations on CLEC's Demarcation Point or to change NC/NCI options. These rearrangements are available as part of a single Central Office or dual Central Office request. Single Central Office rearrangements are limited to the change in options or movement of terminations within a single Wire Center. Dual Central Office rearrangements are used to change options or move terminations in two (2) Wire Centers.

9.6.1.6 The rearrangement of terminations or option changes are completed as an "uncoordinated change" (basic request) and will be completed within the standard intervals. If CLEC desires a coordinated rearrangement of terminations or options changes, additional labor installation as identified in Exhibit A shall apply.

## 9.6.2 Terms and Conditions

9.6.2.1 To the extent that CLEC is ordering access to a UNE Combination, and Cross Connections are necessary to combine UNEs, Qwest will perform requested and necessary Cross Connections between UNEs in the same manner that it would perform such Cross Connections for its End User Customers or for itself. If not ordered as a combination, CLEC is responsible for performing Cross Connections at its Collocation or other mutually determined Demarcation Point between UNEs and ancillary or Finished Services, and for transmission design work including regeneration requirements for such connections. Such Cross Connections will not be required of CLEC when CLEC orders a continuous UDIT element from one point to another. UDIT may be directly connected to Finished Services, except for services that the Commission or the FCC expressly prohibit to be connected to UDIT by existing rules.

9.6.2.2 Intentionally Left Blank.

9.6.2.3 With the exception of combinations provided through the UNE Combinations Section 9.23, CLEC may utilize any form of Collocation at both ends of the UDIT. Qwest's design will ensure the cable between the Qwest-provided active elements and the DSX will meet the proper signal level requirements. Channel regeneration will not be charged for separately for Interconnection between a Collocation space and Qwest's network. Cable distance limitations are based on ANSI Standard T1.102.1993 "Digital Hierarchy – Electrical Interface; Annex B."

## 9.6.3 Rate Elements

9.6.3.1 Intentionally Left Blank.

9.6.3.2 Intentionally Left Blank.

9.6.3.3 DS0 UDIT rates are contained in Exhibit A of this Agreement and include the following elements:

a) DS0 Transport Termination (Fixed) Rate Element. This recurring rate element provides a 64 Kbps termination. In addition to the fixed rate element, a per-mile rate element, as described below, also applies.

c) DS0 Nonrecurring Charge. One-time charges apply for a specific work activity associated with installation of the DS0 service.

9.6.3.4 Intentionally Left Blank.

9.6.3.5 Intentionally Left Blank.

9.6.3.5.1 Intentionally Left Blank.

9.6.3.6 Low Side Channelization (LSC) Charge. A recurring charge for low side multiplexed channel cards and settings at each end of the DS0 UDIT.

9.6.3.7 Intentionally Left Blank.

9.6.3.8 Intentionally Left Blank.

9.6.3.9 Rearrangement rates are contained in Exhibit A of this Agreement.

9.6.3.10 A nonrecurring charge is applied to the conversion of an existing Private Line/Special Access circuit to UDIT.

#### **9.6.4 Ordering Process**

9.6.4.1 Ordering processes and installation intervals are as follows:

9.6.4.1.1 UDIT is ordered via the Access Service Request (ASR) process. Ordering processes are contained in the Access to OSS Section of this Agreement.

9.6.4.1.2 Intentionally Left Blank.

9.6.4.1.3 The interval will start when Qwest receives a complete and accurate ASR. This date is considered the start of the installation interval if the order is received prior to 3:00 p.m. The installation interval will begin on the next business day for service requests received after 3:00 p.m. The installation intervals have been established and are set forth in Exhibit C, Section 2.0 of this Agreement.

9.6.4.1.4 Subsequent changes to the quantity of services on an existing order will require a revised order. Also, additional charges apply for the following modifications to existing orders unless the need for such change is caused by Qwest:

- a) Service Date changes;
- b) Partial cancellation;
- c) Design change; and
- d) Expedited order.

9.6.4.1.5 An order may be canceled any time up to and including the Service Date. Cancellation charges will apply except when:

- a) The original Due Date or CLEC-initiated subsequent Due Date was, or CLEC has been notified by Qwest that such Due Date will be, delayed ten (10) business days or longer; or
- b) The original Due Date has been scheduled later than the expiration of the standard interval set forth in Exhibit C and CLEC cancels its order no later than ten (10) days before such original Due Date.

9.6.4.1.6 Definitions of the most common critical dates that occur during the ordering and installation process are included in the Definitions Section of this Agreement.

9.6.4.2 UDIT is ordered with basic installation. Qwest will install the UDIT extending connections to CLEC Demarcation Point and will notify CLEC when the work activity is complete.

9.6.4.3 Intentionally Left Blank.

9.6.4.4 Intentionally Left Blank.

9.6.4.5 Qwest will perform industry standard tests, set forth in Technical Publication 77389, when installing UDIT service.

9.6.4.6 To convert an existing Private Line/Special Access circuit to UDIT, CLEC must submit two (2) ASRs to change the circuit identification, Network Channel Interface Code (NCI) and billing.

9.6.4.7 CLEC will submit an Access Service Request (ASR) for rearrangement including appropriate termination information (e.g. Connecting Facility Assignment (CFA) or Network Channel Codes/Network Channel Interface Codes (NC/NCI) codes).

## **9.6.5 Maintenance and Repair**

9.6.5.1 The Parties will perform cooperative testing and trouble isolation to identify where trouble points exist. CLEC Cross Connections will be repaired by CLEC and Qwest Cross Connections will be repaired by Qwest. Maintenance and Repair processes are contained in the Access to OSS Section of this Agreement.

## **9.6.6 Rearrangement**

9.6.6.1 CLEC can submit requests through the ASR process to move or rearrange UDIT terminations on CLEC's Demarcation Point or to change UDIT options. These rearrangements are available through a single office or dual office request. Single office rearrangements are limited to the change in options or movement of terminations within a single Wire Center. Dual office rearrangements are used to change options or movement of terminations in two (2) Wire Centers. Rearrangement is only available for in-place and working UDITs.

9.6.6.2 The rearrangement of terminations or option changes are completed as an "uncoordinated change" (basic request) and will be completed within the normal intervals outlined in Exhibit C. If CLEC desires a coordinated rearrangement of terminations or options changes, additional labor installation as identified in Exhibit A shall apply.

9.6.6.3 CLEC will submit an ASR with the rearrange USOC and appropriate termination information (e.g. CFA) or NC/NCI codes (Network Channel Codes/Network Channel Interface Codes).

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**9.18 Additional Unbundled Elements**

CLEC may request non-discriminatory access to and, where appropriate, development of, additional UNEs not covered in this Agreement pursuant to the Bona Fide Request Process.

**9.19 Construction Charges**

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**9.21 Line Splitting**

**9.21.1 Description**

Line Splitting provides CLEC/DLEC with the opportunity to offer advanced data service simultaneously with voice service when CLEC obtains switching as a Network Element pursuant to a separate written agreement. Line Splitting uses the frequency range above the voice band on a single Loop for the advanced data service. The advanced data service may be provided by the Customer of Record (the voice service provider) or another data service provider chosen by the Customer of Record. A Splitter must be inserted into the Loop in order to accommodate the establishment of the advanced data service. The Splitter separates the voice and data traffic and allows the Loop to be used for simultaneous DLEC data transmission and CLEC-provided voice service to the End User Customer. "CLEC" will herein be referred to as the voice service provider while "DLEC" will be referred to as the advanced data service provider. CLEC and DLEC may be the same entity.

**9.21.2 Terms and Conditions**

9.21.2.1 General

9.21.2.1.1 The Customer of Record (the voice service provider) will order the insertion of a Splitter. Qwest is not responsible for providing the Splitter, filter(s) and/or other equipment necessary for the End User Customer to receive separate voice and data service across a single copper Loop.

9.21.2.1.2 To order Line Splitting, CLEC/DLEC must have a Splitter installed in the Qwest Wire Center that serves the End User Customer. The Splitter must meet the requirements for Central Office equipment Collocation set by the FCC or be compliant with ANSI T1.413.

9.21.2.1.3 CLEC/DLEC may provide any xDSL services that are compatible with CLEC's voice service in accordance with ANSI T1.413 or IEEE 820 or other industry standards.

9.21.2.1.4 There may be only one DLEC at any given time that provides advanced data service on any given Line Splitting arrangement.

9.21.2.1.5 The Customer of Record will be able to request conditioning of the Loop portion of the Line Splitting arrangement. Qwest will perform requested conditioning of shared Loops to remove load coils and excess Bridged Taps. If CLEC requests conditioning and such conditioning significantly degrades the voice services on the Loop to the point that it is unacceptable to CLEC, CLEC shall pay the conditioning rate set forth in Exhibit A to recondition the Loop.

9.21.2.1.6 Splitters may be installed in Qwest Wire Centers in either of the following ways at the discretion of CLEC/DLEC: (a) via the standard Collocation arrangements set forth in the Collocation Section; or (b) via Common Area Splitter Collocation as set forth in the Shared Loop Section of this Agreement. Under either option, Splitters will be appropriately hard-wired or pre-wired so that Qwest is not required to inventory more than two (2) points of termination. For Line Splitting, Qwest shall use the same number of Cross Connections and the same number of tie pairs as it uses for Line Sharing.

9.21.2.1.7 Reserved for Future Use.

9.21.2.1.8 Splitter Collocation requirements are covered in the Shared Loop Section of this Agreement.

### 9.21.3 Rate Elements

The following Line Splitting rate elements are contained in Exhibit A of this Agreement.

#### 9.21.3.1 Recurring Rates for Line Splitting.

9.21.3.1.1 Interconnection Tie Pairs (ITP). A monthly recurring charge to recover the costs associated with the use of two (2) ITPs, one (1) for voice and one (1) for voice/data.

9.21.3.1.2 OSS Charge – A monthly recurring charge to recover the cost of the OSS modifications necessary to provide access to the high frequency portion of the Loop.

### 9.21.3.2 Nonrecurring Rates for Line Splitting

9.21.3.2.1 Basic Installation Charge for Line Splitting – A nonrecurring charge for each Line Splitting arrangement installed will apply.

9.21.3.2.2 Charge for conditioning Loop associated with Line Splitting. A nonrecurring charge for either conditioning the Loop by removing load coils and/or excess Bridged Taps; or reconditioning the line if necessary to assure the quality of the voice service.

### 9.21.3.3 Nonrecurring Rates for Maintenance and Repair

9.21.3.3.1 Trouble Isolation Charge – A nonrecurring charge for trouble isolation will be applied in accordance with the Access to OSS – Maintenance and Repair Section.

9.21.3.3.2 Additional Testing – The Customer of Record may request Qwest to perform additional testing, and Qwest may decide to perform the requested testing on a case-by-case basis. A nonrecurring charge will apply in accordance with Exhibit A.

9.21.3.4 Rates for Splitter Collocation are included in Exhibit A of this Agreement.

9.21.3.5 All of these rates are interim and will be subject to true-up based on either mutually agreed permanent rates or permanent rates established in a cost proceeding conducted by the Commission. In the event interim rates are established by the Commission before permanent rates are set, the interim rates set forth in Exhibit A will be changed to reflect the interim rates set by the Commission; however, no true up will be performed until mutually agreed to permanent rates are established or permanent rates are established by the Commission.

## 9.21.4 Ordering Process

### 9.21.4.1 Line Splitting

9.21.4.1.1 As a part of the pre-order process, CLEC/DLEC may access Loop characteristic information through the Loop Information Tool described in the Access to OSS Section. The Customer of Record will determine, in its sole discretion and at its risk, whether to add data services to any specific Loop.

9.21.4.1.2 The Customer of Record will provide on the LSR, the appropriate frame terminations that are dedicated to Splitters. Qwest will administer all cross connects/jumpers on the COSMIC/MDF and ICDF.

9.21.4.1.3 Basic Installation "lift and lay" procedure will be used for all Line Splitting orders. Under this approach, a Qwest technician "lifts" the Loop from its current termination in a Qwest Wire Center and "lays" it on a new termination connecting to CLEC's/DLEC's collocated equipment in the same Wire Center.

9.21.4.1.4 The Customer of Record shall not place orders for Line Splitting until all work necessary to provision Line Splitting in a given Qwest Wire Center,

including, but not limited to, Splitter installation and tie cable reclassification or augmentation has been completed.

9.21.4.1.5 If the voice service is disconnected on a Line Splitting arrangement, the Line Splitting arrangement shall terminate. CLEC may arrange to provide DSL service to the End User Customer through purchase of another product.

9.21.4.1.6 The Customer of Record (the voice service provider) shall submit the appropriate LSRs associated with establishing Line Splitting.

## **9.21.5 Billing**

9.21.5.1 Qwest shall provide a bill to the Customer of Record (the voice service provider), on a monthly basis, within seven to ten (7-10) calendar Days of the last day of the most recent Billing period, in an agreed upon standard electronic Billing format, Billing information including (1) a summary bill, and (2) individual End User Customer sub-account information consistent with the samples available for CLEC/DLEC review.

9.21.5.2 Qwest shall bill the Customer of Record for all recurring and nonrecurring Line Splitting rate elements.

## **9.21.6 Repair and Maintenance**

9.21.6.1 Qwest will allow CLEC/DLEC to access Line Splitting at the point where the combined voice and data Loop is cross connected to the Splitter.

9.21.6.2 The Customer of Record will be responsible for reporting to Qwest voice service troubles provided over Line Splitting. Qwest will be responsible to repair troubles on the physical line between Network Interface Devices at the Customer premises and the point of demarcation in Qwest Wire Centers. CLEC/DLEC will be responsible for repairing data services provided on Line Splitting. Qwest, CLEC and DLEC each will be responsible for maintaining its equipment. The entity that controls the Splitters will be responsible for their maintenance.

9.21.6.3 Intentionally Left Blank.

9.21.6.4 When Splitters are installed in Qwest Wire Centers via Common Area Splitter Collocation, CLEC/DLEC will order and install additional Splitter cards as necessary to increase the capacity of the Splitters. CLEC/DLEC will leave one (1) unused, spare Splitter card in every shelf to be used for repair and maintenance until such time as the card must be used to fill the shelf to capacity.

9.21.6.5 When Splitters are installed in Qwest Wire Centers via standard Collocation arrangements, CLEC/DLEC may install test access equipment in its Collocation areas in those Wire Centers for the purpose of testing Line Splitting. This equipment must meet the requirements for Central Office equipment set by the FCC.

9.21.6.6 Qwest, CLEC and DLEC will work together to address End User Customer initiated repair requests and to prevent adverse impacts to the End User Customer.



## **9.21.7 Customer of Record and Authorized Agents**

9.21.7.1 "Customer of Record" is defined for purposes of this section as the CLEC providing the voice service. Qwest will bill the Customer of Record for Line Splitting. The Customer of Record may designate an authorized agent pursuant to the terms of sections 9.21.7.2 and 9.21.7.3 to perform ordering and/or Maintenance and Repair functions.

9.21.7.2 In order for the authorized agent of the Customer of Record to perform ordering and/or Maintenance and Repair functions, the Customer of Record must provide its authorized agent the necessary access and security devices, including but not limited to user identifications, digital certificates and SecurID cards, that will allow the authorized agent to access the records of the Customer of Record. Such access will be managed by the Customer of Record.

9.21.7.3 The Customer of Record shall hold Qwest harmless with regard to any harm to Customer of Record as a direct and proximate result of the acts or omissions of the authorized agent of the Customer of Record or any other Person who has obtained from the Customer of Record the necessary access and security devices through the Customer of Record, including but not limited to user identifications, digital certificates and SecurID cards, that allow such Person to access the records of the Customer of Record unless such access and security devices were wrongfully obtained by such Person through the willful or negligent behavior of Qwest.

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## **9.23 Unbundled Network Element Combinations**

### **9.23.1 General Terms**

9.23.1.1 Qwest shall provide CLEC with non-discriminatory access to combinations of Unbundled Network Elements including but not limited to Enhanced Extended Loop (EEL) at the DSO level, according to the following terms and conditions.

9.23.1.2 Qwest will offer to CLEC UNE Combinations, on rates, terms and conditions that are just, reasonable and non-discriminatory in accordance with the terms and conditions of this Agreement and the requirements of Section 251 and Section 252 of the Act, the applicable FCC rules, and other Applicable Laws. The methods of access to UNE Combinations described in this section are not exclusive. Qwest will make available any other form of access requested by CLEC that is consistent with the Act and the regulations thereunder. CLEC shall be entitled access to all combinations functionality as provided in FCC rules and other Applicable Laws. Qwest shall not require CLEC to access any UNE Combinations in conjunction with any other service or element unless specified in this Agreement or as required for Technical Feasibility reasons. Qwest shall not place any use restrictions or other limiting conditions on UNE Combinations accessed by CLEC, except as specified in this Agreement or required by Existing Rules.

9.23.1.2.1 Changes in law, regulations or other "Existing Rules" relating to UNEs and UNE Combinations, including additions and deletions of elements Qwest is required to unbundle and/or provide in a UNE Combination, shall be

incorporated into this Agreement pursuant to Section 2.2. CLEC and Qwest agree that the UNEs identified in Section 9 are not exclusive and that pursuant to changes in FCC rules, state laws, or the Bona Fide Request process, CLEC may identify and request that Qwest furnish additional or revised UNEs to the extent required under Section 251(c)(3) of the Act and other Applicable Laws. Failure to list a UNE herein shall not constitute a waiver by CLEC to obtain a UNE subsequently defined by the FCC or the state Commission.

9.23.1.3 When ordered as combinations of UNEs, Network Elements that are currently combined and ordered together will not be physically disconnected or separated in any fashion except for technical reasons or if requested by CLEC. Network Elements to be provisioned together shall be identified and ordered by CLEC as such. When CLEC orders in combination UNEs that are currently interconnected and functional, such UNEs shall remain interconnected or combined as a working service without any disconnection or disruption of functionality.

9.23.1.4 When ordered in combination, Qwest will combine for CLEC UNEs that are ordinarily combined in Qwest's network, provided that facilities are available.

9.23.1.5 When ordered in combination, Qwest will combine for CLEC UNEs that are not ordinarily combined in Qwest's network, provided that facilities are available and such combination:

9.23.1.5.1 Is Technically Feasible;

9.23.1.5.2 Would not impair the ability of other Carriers to obtain access to UNEs or to interconnect with Qwest's network; and

9.23.1.5.3 Would not impair Qwest's use of its network.

9.23.1.6 When ordered in combination, Qwest will combine CLEC UNEs with Qwest UNEs, provided that facilities are available and such combination:

9.23.1.6.1 Is Technically Feasible;

9.23.1.6.2 Shall be performed in a manner that provides Qwest access to necessary facilities;

9.23.1.6.3 Would not impair the ability of other Carriers to obtain access to UNEs or to interconnect with Qwest's network; and

9.23.1.6.4 Would not impair Qwest's use of its network.

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## 9.23.2 Description

UNE Combinations are available in, but not limited to, the following standard products: DS0 EEL (subject to the limitations set forth below). If CLEC desires access to a different UNE Combination, CLEC may request access through the Special Request Process set forth in this Agreement. Qwest will provision UNE Combinations pursuant to the terms of this Agreement

without requiring an amendment to this Agreement, provided that all of the UNEs included in the combination request, and their associated Billing rate elements are contained in this Agreement. If Qwest develops additional UNE Combination products, CLEC can order such products without using the Special Request Process, but CLEC may need to submit a New Customer Questionnaire and execute an amendment before ordering such products.

### 9.23.3 Terms and Conditions

9.23.3.1 Qwest shall provide non-discriminatory access to UNE Combinations on rates, terms and conditions that are non-discriminatory, just and reasonable. The quality of a UNE Combination Qwest provides, as well as the access provided to that UNE Combination, will be equal between all Carriers requesting access to that UNE Combination; and, where Technically Feasible, the access and UNE Combination provided by Qwest will be provided in "substantially the same time and manner" to that which Qwest provides to itself. In those situations where Qwest does not provide access to UNE Combinations itself, Qwest will provide access in a manner that provides CLEC with a meaningful opportunity to compete.

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9.23.3.7 Enhanced Extended Loop (EEL) -- EEL is a Qwest-provided combination of Loop and dedicated interoffice transport. EEL transport and Loop facilities may utilize DS0 bandwidth. The terms and conditions of Section 9.6 shall apply to the Unbundled Dedicated Interoffice Transport portion of the EEL. The terms and conditions of Section 9.2 shall apply to the Loop portion of the EEL. EEL is offered as a conversion from Private Line/Special Access or as new installation.

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9.23.3.7.2.11 CLEC may request the conversion of an existing DS0 Private Line/Special Access Service to an EEL. Retail and/or resale Private Line circuits may be converted to EEL if the conversion is Technically Feasible and they meet the terms of Section 9.1.1. Qwest will provide CLEC with conversions to EEL according to the standard intervals set forth in Exhibit C.

9.23.3.7.2.11.1 Intentionally Left Blank.

9.23.3.7.2.12 EEL is a combination of Loop and dedicated interoffice transport used for the purpose of connecting an End User Customer to CLEC's Collocation. EEL can also be ordered as a new installation of circuits for the purpose of CLEC providing services to End User Customers.

9.23.3.7.2.12.1 Terms and Conditions

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9.23.3.7.2.12.3 Intentionally Left Blank.

9.23.3.7.2.12.4 EEL combinations consist of DS0 Loops and interoffice transport of the same bandwidth (Point-to-Point EEL).

9.23.3.7.2.12.5 Intentionally Left Blank.

9.23.3.7.2.12.6 Installation intervals are set forth in Exhibit C and in the Service Interval Guide (SIG) on the following web site address: <http://www.qwest.com/carrier/guides/sig/index.html>.

9.23.3.7.2.12.7 Intentionally Left Blank.

## 9.23.3.8 Ordering

9.23.3.8.1 Intentionally Left Blank.

9.23.3.8.2 CLEC will submit EEL orders using the LSR process.

9.23.3.8.3 Qwest will install the appropriate channel card based on the

DS0 EEL Loop LSR order and apply the charges.

9.23.3.8.4 Intentionally Left Blank.

9.23.3.8.5 One (1) LSR is required when CLEC orders Point-to-Point EEL.

9.23.3.9 Rate Elements

9.23.3.9.1 EEL Loop. The EEL Loop is the Loop connection between the End User Customer premises and the Serving Wire Center. EEL Loop is available in DS0 bandwidth. Recurring and nonrecurring charges apply.

9.23.3.9.2 EEL Transport. EEL Transport consists of the dedicated interoffice facilities between Qwest Wire Centers. EEL Transport is available in DS0 bandwidth. Recurring charges apply.

9.23.3.9.3 Intentionally Left Blank.

9.23.3.9.4 DS0 Low Side Channelization and DS0 MUX Low Side Channelization. EEL DS0 Channel Cards are required for each DS0 EEL Loop or DS0 Unbundled Loop connected to a 1/0 Multiplexer. Channel Cards are available for Analog Loop Start, Ground Start, Reverse Battery, and No Signaling.

9.23.3.9.5 Intentionally Left Blank.

9.23.3.10 CLEC may request access to and, where appropriate, development of, additional UNE Combinations. For UNEs Qwest currently combines in its network, CLEC can use the Special Request Process (SRP) set forth in Exhibit F. For UNEs that Qwest does not currently combine, CLEC must use the Bona Fide Request Process (BFR). In its BFR or SRP request, CLEC must identify the specific combination of UNEs, identifying each individual UNE by name as described in this Agreement.

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9.23.3.11.10 Intentionally Left Blank.

9.23.3.12 If CLEC is obtaining services from Qwest under an arrangement or agreement that includes the application of termination liability assessment (TLA) or minimum period charges, and if CLEC wishes to convert such services to UNEs or a UNE Combination, the conversion of such services will not be delayed due to the applicability of TLA or minimum period charges. The applicability of such charges is governed by the terms of the original agreement, Tariff or arrangement.

9.23.3.13 For installation of new UNE Combinations, CLEC will not be assessed UNE rates for UNEs ordered in combination until access to all UNEs that make up such combination have been provisioned to CLEC as a combination, unless a UNE is not available until a later time and CLEC elects to have Qwest provision the other elements before all elements are available.

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9.23.3.15 Intentionally Left Blank.

9.23.3.16 In the event Qwest terminates the Provisioning of any UNE Combination service to CLEC for any reason, CLEC shall be responsible for providing any and all necessary notice to its End User Customers of the termination. In no case shall Qwest be responsible for providing such notice to CLEC's End User Customers. Qwest shall only be required to notify CLEC of Qwest's termination of the UNE Combination service on a timely basis consistent with Commission rules and notice requirements.

#### **9.23.4 Rates and Charges**

9.23.4.1 The rates and charges for the individual Unbundled Network Elements that comprise UNE Combinations are contained in Exhibit A for both recurring and nonrecurring application.

9.23.4.1.1 Recurring monthly charges for each Unbundled Network Element that comprise the UNE Combination shall apply when a UNE Combination is ordered. Rates are contained in Exhibit A.

9.23.4.1.2 Nonrecurring charges, if any, will apply based upon the cost to Qwest of Provisioning the UNE Combination and providing access to the UNE Combination. These nonrecurring charges, if any, are described in Exhibit A.

9.23.4.2 If the Commission takes any action to adjust the rates previously ordered, Qwest will make a compliance filing to incorporate the adjusted rates into Exhibit A. Upon the compliance filing by Qwest, the Parties will abide by the adjusted rates on a going-forward basis, or as ordered by the Commission.

9.23.4.3 CLEC shall be responsible for Billing its End User Customers served over UNE Combinations for all Miscellaneous Charges and surcharges required of CLEC by statute, regulation or otherwise required.

9.23.4.4 Intentionally Left Blank.

9.23.4.5 If an End User Customer is served by CLEC through a UNE Combination, Qwest will not charge, assess, or collect Switched Access charges for InterLATA or IntraLATA calls originating or terminating from that End User Customer's phone after conversion to a UNE Combination is complete.

9.23.4.6 Qwest shall have a reasonable amount of time to implement system or other changes necessary to bill CLEC for Commission-ordered rates or charges associated with UNE Combinations.

### 9.23.5 Ordering Process

9.23.5.1 Most UNE Combinations and associated products and services are ordered via an LSR. Ordering processes are contained in this Agreement and in the PCAT. The following is a high-level description of the ordering process:

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9.23.5.1.2 Intentionally Left Blank.

9.23.5.1.3 Step 1: Complete product questionnaire with account team representative.

9.23.5.1.4 Step 2: Obtain Billing Account Number (BAN) through account team representative.

9.23.5.1.5 Step 3: Allow two (2) to three (3) weeks from Qwest's receipt of a completed questionnaire for accurate loading of UNE Combination rates to the Qwest Billing system.

9.23.5.1.6 Step 4: After account team notification, place UNE Combination orders via an LSR or ASR, as appropriate.

9.23.5.1.7 Additional information regarding the ordering processes are located at: [http://www.qwest.com/wholesale/solutions/clecFacility/une\\_p\\_c.html](http://www.qwest.com/wholesale/solutions/clecFacility/une_p_c.html).

9.23.5.2 Prior to placing an order on behalf of each End User Customer, CLEC shall be responsible for obtaining and have in its possession a Proof of Authorization as set forth in this Agreement.

9.23.5.3 Standard service intervals for each UNE Combination are set forth in Exhibit C. For UNE Combinations with appropriate retail analogues, CLEC and Qwest will use the standard Provisioning interval for the equivalent retail service. CLEC and Qwest can separately agree to Due Dates other than the standard interval.

9.23.5.4 Due Date intervals are established when Qwest receives a complete and accurate Local Service Request (LSR) or Access Service Request (ASR) made through the IMA, EDI or Exact interfaces or through facsimile. For EEL and all other UNE Combinations, the date the LSR or ASR is received is considered the start of the service interval if the order is received on a business day prior to 3:00 p.m. For EEL and all other UNE Combinations, the service interval will begin on the next business day for service requests received on a non-business day or after 3:00 p.m. on a business day.

Business days exclude Saturdays, Sundays, New Year's Day, Memorial Day, Independence Day (4th of July), Labor Day, Thanksgiving Day and Christmas Day.

9.23.5.5 The Parties' obligations and responsibilities for providing and maintaining End User Customer Directory Listings information are contained in the Listings and E911/911 Emergency Services Sections of this Agreement.

9.23.5.6 When Qwest's End User Customer or the End User Customer's New Service Provider orders the discontinuance of the End User Customer's existing service in anticipation of moving to another service provider, Qwest will render its closing bill to the End User Customer effective with the disconnection. If Qwest is not the Current Service Provider, Qwest will issue a bill to CLEC for that portion of the service provided to CLEC should CLEC's End User Customer, a New Service Provider, or CLEC request service be discontinued to the End User Customer. Qwest will notify CLEC by FAX, OSS interface, or other agreed upon processes when an End User Customer moves to another service provider. Qwest shall not provide CLEC or Qwest retail personnel with the name of the other service provider selected by the End User Customer.

9.23.5.7 For UNE Combinations, CLEC shall provide Qwest and Qwest shall provide CLEC with points of contact for order entry, problem resolution, repair, and in the event special attention is required on service request.

### **9.23.6 Billing**

9.23.6.1 Qwest shall provide CLEC, on a monthly basis, within seven (7) to ten (10) calendar Days of the last day of the most recent Billing period, in an agreed upon standard electronic Billing format, Billing information including (1) a summary bill, and (2) individual End User Customer sub-account information consistent with the samples available for CLEC review.

### **9.23.7 Maintenance and Repair**

9.23.7.1 Qwest will maintain facilities and equipment that comprise the service provided to CLEC as a UNE Combination. CLEC or its End User Customers may not rearrange, move, disconnect or attempt to repair Qwest facilities or equipment, other than by connection or disconnection to any interface between Qwest and the End User Customer, without the written consent of Qwest.

## **9.24 Loop Splitting**

### **9.24.1 Description**

Loop Splitting provides CLEC/DLEC with the opportunity to offer advanced data service simultaneously with voice service over an existing Unbundled Loop by using the frequency range above the voice band on the copper Loop. The advanced data service may be provided by the Customer of Record (the voice service provider) or another data service provider chosen by the Customer of Record. The Splitter separates the voice and data traffic and allows the copper Loop to be used for simultaneous DLEC data transmission and CLEC provided voice service to the End User Customer. "CLEC" will herein be referred to as the voice service provider while "DLEC" will be referred to as the advanced data service provider. CLEC and DLEC may be the same entity.



## 9.24.2 Terms and Conditions

### 9.24.2.1 General

9.24.2.1.1 Qwest is not responsible for providing the Splitter, filter(s) and/or other equipment necessary for the End User Customer to receive separate voice and data service across a single copper Loop.

9.24.2.1.2 To order Loop Splitting, CLEC/DLEC must have a Splitter installed in the Qwest Wire Center that serves the End User Customer. The Splitter must meet the requirements for Central Office equipment Collocation set by the FCC or be compliant with ANSI T1.413.

9.24.2.1.3 There may only be one DLEC at any given time that provides advanced data service on any given Unbundled Loop.

9.24.2.1.4 If Loop Splitting is requested for an analog Loop, the Loop must be converted to a 2/4 wire non-loaded Loop or ADSL compatible Loop.

9.24.2.1.4.1 The Customer of Record will be able to request conditioning of the Unbundled Loop. Qwest will perform requested conditioning of Unbundled Loops to remove load coils and excess Bridged Taps under the terms and conditions associated with Loop conditioning contained in Section 9.2 of this Agreement.

9.24.2.1.4.2 If requested conditioning significantly degrades the existing service over the Unbundled Loop to the point that it is unacceptable to CLEC, Customer of Record shall pay to convert back to an analog Loop.

9.24.2.1.5 Splitters may be installed in Qwest Wire Centers in either of the following ways at the discretion of CLEC/DLEC: (a) via the standard Collocation arrangements set forth in the Collocation Section; or (b) via Common Area Splitter Collocation as set forth in the Line Sharing Section of this Agreement. Under either option, Splitters will be appropriately hard-wired or pre-wired so that points of termination are kept to a minimum. For Loop Splitting, Qwest shall use the same length of tie pairs as it uses for Line Sharing, except for the additional CLEC to CLEC connection, which is not required for Line Sharing.

9.24.2.1.6 Splitter Collocation requirements are covered in the Line Sharing Section of this Agreement.

## 9.24.3 Rate Elements

The following Loop Splitting rate elements are contained in Exhibit A of this Agreement.

### 9.24.3.1 Recurring Rates for Loop Splitting

9.24.3.1.1 Interconnection Tie Pairs (ITP) - A monthly recurring charge to recover the costs associated with the use of ITPs.

9.24.3.1.2 OSS Charge – A monthly recurring charge to recover the cost of the OSS modifications necessary to provide access to the high frequency portion of the Unbundled Loop.

9.24.3.2 Nonrecurring Rates for the Loop Splitting

9.24.3.2.1 Basic Installation Charge for Loop Splitting – A nonrecurring charge for Loop Splitting installed will apply.

9.24.3.3 Nonrecurring Rates for Maintenance and Repair

9.24.3.3.1 Trouble Isolation Charge – A nonrecurring charge for trouble isolation will be applied in accordance with the Access to OSS – Maintenance and Repair Section.

9.24.3.3.2 Additional Testing – The Customer of Record may request Qwest to perform additional testing, and Qwest may decide to perform the requested testing on a case-by-case basis. A nonrecurring charge will apply in accordance with Exhibit A.

9.24.3.4 Rates for Splitter Collocation are included in Exhibit A of this Agreement.

9.24.3.5 All of these rates are interim and will be subject to true-up based on either mutually agreed permanent rates or permanent rates established in a cost proceeding conducted by the Commission. In the event interim rates are established by the Commission before permanent rates are set, the interim rates set forth in Exhibit A will be changed to reflect the interim rates set by the Commission; however, no true up will be performed until mutually agreed to permanent rates are established or permanent rates are established by the Commission.

## 9.24.4 Ordering Process

9.24.4.1 Loop Splitting

9.24.4.1.1 As a part of the pre-order process, CLEC/DLEC may access Loop characteristic information through the Loop Information Tool described in the Access to OSS Section. The Customer of Record will determine, in its sole discretion and at its risk, whether to add data services to any specific Unbundled Loop.

9.24.4.1.2 The Customer of Record will provide on the LSR, the appropriate frame terminations that are dedicated to Splitters. Qwest will administer all cross connects/jumpers on the COSMIC/MDF and IDF.

9.24.4.1.3 Basic Installation "lift and lay" procedure will be used for all Loop Splitting orders. Under this approach, a Qwest technician "lifts" the Loop from its current termination in a Qwest Wire Center and "lays" it on a new termination connecting to CLEC's/DLEC's collocated equipment in the same Wire Center.

9.24.4.1.4 The Customer of Record shall not place orders for Loop Splitting until all work necessary to provision Loop Splitting in a given Qwest Wire Center,

including, but not limited to, Splitter installation and tie cable reclassification or augmentation has been completed.

9.24.4.1.5 The Customer of Record shall submit the appropriate LSRs associated with establishing Unbundled Loop and Loop Splitting.

9.24.4.1.6 If the voice is disconnected on a Loop Splitting arrangement, the Loop Splitting arrangement shall terminate. CLEC may arrange to provide DSL service to the End User Customer through purchase of another product.

### **9.24.5 Billing**

9.24.5.1 Qwest shall provide a bill to the Customer of Record, on a monthly basis, within seven (7) to ten (10) calendar Days of the last day of the most recent Billing period, in an agreed upon standard electronic Billing format.

9.24.5.2 Qwest shall bill the Customer of Record for all recurring and nonrecurring Loop Splitting rate elements.

### **9.24.6 Repair and Maintenance**

9.24.6.1 Qwest will allow CLEC/DLEC to access Loop Splitting at the point where the combined voice and data Loop is cross connected to the Splitter.

9.24.6.2 The Customer of Record will be responsible for reporting to Qwest service troubles provided over Loop Splitting. Qwest will be responsible to repair troubles on the physical line between Network Interface Devices at the End User Customer premises and the point of demarcation in Qwest Wire Centers. Qwest, CLEC and DLEC each will be responsible for maintaining its equipment. The entity that controls the Splitters will be responsible for their maintenance.

9.24.6.3 Qwest, CLEC and DLEC will continue to develop repair and maintenance procedures for Loop Splitting and agree to document final agreed to procedures in a methods and procedures document that will be made available on Qwest's web site.

### **9.24.7 Customer of Record and Authorized Agents**

9.24.7.1 "Customer of Record" is defined for the purposes of this section as the voice service provider. Qwest will bill the Customer of Record for Loop Splitting. The Customer of Record may designate an authorized agent pursuant to the terms of sections 9.24.7.2 and 9.24.7.3 to perform ordering and/or Maintenance and Repair functions.

9.24.7.2 In order for the authorized agent of the Customer of Record to perform ordering and/or Maintenance and Repair functions, the Customer of Record must provide its authorized agent the necessary access and security devices, including but not limited to user identifications, digital certificates and SecurID cards, that will allow the authorized agent to access the records of the Customer of Record. Such access will be managed by the Customer of Record.

9.24.7.3 The Customer of Record shall hold Qwest harmless with regard to any

harm Customer of Record receives as a direct and proximate result of the acts or omissions of the authorized agent of the Customer of Record or any other Person who has obtained from the Customer of Record the necessary access and security devices, including but not limited to user identifications, digital certificates and SecurID cards, that allow such Person to access the records of the Customer of Record unless such access and security devices were wrongfully obtained by such Person through the willful or negligent behavior of Qwest.

## **Section 10.0 - ANCILLARY SERVICES**

### **10.1 Intentionally Left Blank.**

### **10.2 Local Number Portability**

#### **10.2.1 Description**

10.2.1.1 Local Number Portability (LNP) is defined by the FCC as the ability of users of Telecommunications Services to retain, at the same location, existing Telecommunications numbers without impairment of quality, reliability, or convenience when switching from one Telecommunications Carrier to another. Effective with this Agreement, Qwest will provide CLEC with non-discriminatory access to Qwest's LNP database on an unbundled basis only to the extent CLEC is using a Qwest local circuit Switch on an unbundled basis as addressed in Section 9.11.2.2. Qwest will allow CLEC to port telephone numbers for its End User Customers in the same manner as Qwest ports telephone numbers for Qwest End User Customers. CLEC may port telephone numbers into and out of Qwest End Office Switches on behalf of an End User Customer using the FCC rules and industry guidelines as described in the following Sections.

10.2.1.2 Qwest uses the Location Routing Number (LRN) architecture. Under the LRN architecture, each End Office Switch is assigned a unique ten-digit LRN, the first six digits of which identify the location of that End Office Switch. The LRN technology is a triggering and addressing method which allows the re-homing of individual telephone numbers to other End Office Switches and ensures the proper routing of calls to ported telephone numbers through the use of a database and the signaling network. The LRN solution interrupts call processing through the use of an Advanced Intelligent Network (AIN) trigger, commonly referred to as the LRN trigger. During this interruption, a query is launched to the LNP database in the signaling network and the call is re-addressed using the LRN information for the ported telephone number. The LRN will route the call to the proper End Office Switch destination. The actual routing of the call with either the dialed telephone number, for calls to non-ported telephone numbers, or the LRN, for calls to ported telephone numbers, observes the rules, protocols and requirements of the existing Public Office Dialing Plan (PODP).

#### **10.2.2 Terms and Conditions**

10.2.2.1 Qwest will provide Local Number Portability (LNP), also known as long-term number portability, in a non-discriminatory manner in compliance with the FCC's rules and regulations and the guidelines of the FCC's North American Numbering Council's (NANC) Local Number Portability Administration (LNPA) Working Group and the Industry Numbering Committee (INC) of the Alliance for Telecommunications Industry Solutions (ATIS). Unless specifically excluded in Section 10.2.2.6, all telephone numbers assigned to an End User Customer are available to be ported through LNP. Mass calling events shall be handled in accordance with the industry's non-LRN recommendation (NANC's High Volume Call-In Networks dated February 18, 1998).

10.2.2.2 Each Party shall use reasonable efforts to facilitate the expeditious deployment of LNP. The Parties shall comply with the processes and implementation schedules for LNP deployment prescribed by the FCC. In accordance with industry guidelines, the publications of LNP capable End Office Switches and the schedule and

status for future deployment will be identified in the Local Exchange Routing Guide (LERG).

10.2.2.3 In connection with the provision of LNP, the Parties agree to support and comply with all relevant requirements or guidelines that are adopted by the FCC, or that are agreed to by the Telecommunications industry as a national industry standard.

10.2.2.4.1 Parties understand that LNP order activity must be coordinated with facilities cutovers in order to ensure that the End User Customer is provided with uninterrupted service. If the Party porting the telephone number experiences problems with its port or provision of its Loop, and needs to delay or cancel the port and any Loop disconnection, that Party shall notify the other Party immediately. Parties will work cooperatively and take prompt action to delay or cancel the port and any Loop disconnection in accordance with industry (LNPA's National Number Porting Operations Team), accepted procedures to minimize End User Customer service disruptions.

10.2.2.4.2 Parties shall transmit a port create subscription or port concurrence message to the NPAC, in accordance with the FCC's LNPA Working Group's guidelines. Qwest will routinely send a concurrence message within the time frames established by the industry.

10.2.2.5 The Parties agree to implement LNP within the guidelines set forth by the generic technical requirements for LNP as specified in Section 21 of this Agreement.

10.2.2.6 Neither Party shall be required to provide Local Number Portability for telephone numbers that are excluded by FCC rulings (e.g. 500 and 900 NPAs, 950 and 976 NXX number services).

10.2.2.7 After an End Office Switch becomes equipped with LNP, all NXXs assigned to that End Office Switch will be defined as portable, to the extent Technically Feasible, and translations will be changed in each Party's Switches so that the portable NXXs are available for LNP database queries. When an NXX is defined as portable, it will also be defined as portable in all LNP-capable End Office Switches that have direct trunks to the End Office Switch associated with the portable NXX.

10.2.2.8 Each Party shall offer Local Number Portability to End User Customers for any portion of an existing DID block without being required to port the entire block of DID telephone numbers. Each Party shall permit End User Customers who port a portion of DID telephone numbers to retain DID service on the remaining portion of the DID telephone numbers.

10.2.2.9 At the time of porting a telephone number via LNP from Qwest, Qwest shall ensure that the LIDB entry for that telephone number is de-provisioned if the Qwest LIDB is not being used by CLEC.

10.2.2.10 Both Parties agree to follow the LNP End Office Switch request process established by the Parties and in compliance with industry guidelines.

10.2.2.11 NXX Migration, or Local Exchange Routing Guide Reassignment, reassigns the entire Central Office Code (NXX) to CLEC's End Office Switch if the code

is used solely for one End User Customer. Where one Party has activated an entire NXX for a single End User Customer, or activated a substantial portion of an NXX for a single End User Customer with the remaining telephone numbers in the NXX either reserved for future use or otherwise unused, if such End User Customer chooses to receive service from the other Party, the first Party shall cooperate with the second Party to have the entire NXX reassigned to an End Office Switch operated by the second Party through the NANP administrator. In addition, both Parties agree to cooperate in arranging necessary updates and industry notification in the LERG (and associated industry databases, routing tables, etc.). Such transfer will be accomplished with appropriate coordination between the Parties and subject to appropriate industry lead-times (as identified in the LERG and the Central Office Code Administration guidelines) for movement of NXXs from one End Office Switch to another. Other applications of NXX migration will be discussed by the Parties as circumstances arise.

10.2.2.12 In connection with all LNP requests, the Parties agree to comply with the National Emergency Number Association (NENA) recommended standards for service provider Local Number Portability (NENA-02-011), as may be updated from time to time, regarding unlocking and updating End User Customers' telephone number records in the 911/Automatic Location Information (ALI) database. The Current Service Provider shall send the 911 unlock record on the completion date of the order to the 911 database administrator.

10.2.2.13 Porting of Reserved Numbers. The End User Customers of each Party may port Reserved Numbers from one Party to the other Party via LNP. Qwest will port telephone numbers previously reserved by the End User Customer via the appropriate retail Tariffs until these reservations expire. Qwest will reserve telephone numbers in accordance with the FCC's rules.

10.2.2.14 Limits on Subscriber Relocation. Qwest and CLEC agree that an End User Customer may geographically relocate at the same time as it ports its telephone number, using LNP, to the New Service Provider; provided, however, that the Current Service Provider may require that the End User Customer's relocation at the time of the port to the New Service Provider be limited to the geographic area represented by the NXX of the ported telephone number. The Current Service Provider may not impose a relocation limitation on the New Service Provider or the New Service Provider's subscribers that is more restrictive than that which the Current Service Provider would impose upon its own subscribers with telephone numbers having the same NXX as the telephone number(s) being ported. In addition, the Current Service Provider may not impose any restrictions on relocation within the same Rate Center by a ported End User Customer while that End User Customer is served by the New Service Provider.

### **10.2.3 Service Management System**

10.2.3.1 Each Party shall sign the appropriate NPAC user agreement(s) and obtain certification from the appropriate NPAC administrator(s) that the Party or the Party's Service Order Administration (SOA) and Local Service Management System (LSMS) vendor(s) has systems and equipment that are compatible with the NPAC's established protocols and that the application of such systems and equipment is compatible with the NPAC.

10.2.3.2 Each Party shall cooperate to facilitate the administration of the SMS

through the process prescribed in the documents referenced in Section 21.

#### **10.2.4 Database and Query Services**

10.2.4.1 Local Switch Ports include CLEC use of Qwest's Local Number Portability Database, only to the extent CLEC is using a local circuit Switch on an unbundled basis as addressed in Section 9.11.2.2. The LNP database provides the call routing information used by Qwest's End Office Switches and Tandem Switches to route CLEC's End User Customer's calls to a ported telephone number or to terminate calls to CLEC's End User Customer's using a ported telephone number. Qwest shall perform default LNP queries where CLEC is unable to perform its own query. CLEC shall perform default LNP queries where Qwest is unable to perform its own query. Qwest query services and charges are defined in FCC Tariff #1, including End Office and Tandem Switch Default Query Charges which are contained in Tariff Section 13 (Miscellaneous Service) and Database Query Charges which are contained in Tariff Section 20 (CCSAC Service Applications).

10.2.4.2 For local calls to a NXX in which at least one (1) telephone number has been ported via LNP at the request of CLEC, the Party that owns the originating Switch shall query an LNP database as soon as the call reaches the first LNP-capable Switch in the call path. The Party that owns the originating Switch shall query on a local call to a NXX in which at least one (1) telephone number has been ported via LNP prior to any attempts to route the call to any other Switch. Prior to the first telephone number in a NXX being ported via LNP at the request of CLEC, Qwest may query all calls directed to the NXX, subject to the Billing provisions as discussed in Section 10.2.4.1 and provided that Qwest queries shall not adversely affect the quality of service to CLEC's End User Customers as compared to the service Qwest provides its own End User Customers.

10.2.4.3 A Party shall be charged for a LNP query by the other Party only if the Party to be charged is the N-1 Carrier and it was obligated to perform the LNP query but failed to do so. Parties are not obligated to perform the LNP query prior to the first port requested in a NXX.

10.2.4.4 On calls originating from a Party's network, the Party will populate, if Technically Feasible, the Jurisdiction Information Parameter (JIP) with the first six digits of the originating LRN in the SS7 Initial Address Message.

10.2.4.5 Each Party shall cooperate in the process of porting telephone numbers from one Carrier to another so as to limit service outage for the ported End User Customer. Qwest shall update its LNP database from the NPAC SMS data within fifteen (15) minutes of receipt of a download from the NPAC SMS.

#### **10.2.5 Ordering**

10.2.5.1 Both Parties shall comply with ordering standards as developed by the industry and as described in Section 12 of this Agreement. LNP service is ordered via a Local Service Request and associated LNP forms. CLEC may order LNP either manually or through an electronic interface. The electronic gateway solution for ordering service is described in Section 12 of this Agreement.

10.2.5.2 Standard Due Date Intervals. Service intervals for LNP are described



below. These intervals include the time for Firm Order Confirmation (FOC). Orders received after 7:00 p.m. (mountain time) are considered the next business day. The following service intervals have been established for LNP:

	Telephone Numbers To Port	Interval*
<u>Simple</u> (1FR/1FB)	1-5	3 business days (includes FOC 24 hr interval)
	6-50	4 business days (includes FOC 24 hr interval)
	51 or more	Project Basis
<u>Complex</u> (PBX Trunks, ISDN, Centrex)	1-25	5 business days (includes FOC 24 hr interval)
	26 or more	Project Basis

\*Intervals for LNP with Unbundled Loops shall be governed by Section 9.2.4.6 of the Agreement.

10.2.5.3 Most LNP order activity is flow-through, meaning that the ten (10) digit unconditional trigger, or Line Side Attribute (LSA) trigger, can be set automatically. CLEC may request any Due Date/Frame Due Time (DD/FDT) where the trigger can be set automatically, although there may be some instances when Qwest or the Number Portability Administration Center/Service Management System (NPAC/SMS) will provide prior electronic notice of specific blocks of time which cannot be used as a DD/FDT due to scheduled maintenance or other circumstances. If the DD/FDT on a flow-through cut is outside Qwest's normal business hours for LNP, Qwest will have personnel available in the repair center to assist in the event that CLEC experiences problems during the cut. In addition, Qwest allows CLEC to request a managed cut on a 24 X 7 basis in those situations where a cut would otherwise have been flow-through, but where CLEC has a business need to have Qwest personnel dedicated to the cut. The terms and conditions for managed cuts are described in 10.2.5.4.

10.2.5.4 LNP Managed Cut With CLEC-Provided Loop: A managed cut permits CLEC to select a project managed cut for LNP. Managed cuts are offered on a 24 X 7 basis.

10.2.5.4.1 The date and time for the managed cut requires up-front planning and may need to be coordinated between Qwest and CLEC. All requests will be processed on a first come, first served basis and are subject to Qwest's ability to meet a reasonable demand. Considerations such as system downtime, Switch upgrades, Switch maintenance, and the possibility of other CLECs requesting the same FDT in the same End Office Switch (Switch contention) must be reviewed. In the event that any of these situations would

occur, Qwest will coordinate with CLEC for an agreed upon FDT, prior to issuing the Firm Order Confirmation (FOC). In special cases where a FDT must be agreed upon, the interval to reach agreement will not exceed two (2) days. In addition, standard intervals will apply.

10.2.5.4.2 CLEC shall request a managed cut by submitting a Local Service Request (LSR) and designating this order as a managed cut in the remarks section of the LSR form.

10.2.5.4.3 CLEC will incur additional charges for the managed cut dependent upon the FDT. The rates are based upon whether the request is within Qwest's normal business hours or out of hours. Qwest's normal business hours are 7:00 a.m. to 7:00 p.m., End User Customer local time, Monday through Friday. The rate for managed cuts during normal business hours is the standard rate. The rate for managed cuts out of hours, except for Sundays and Holidays, is the overtime rate. Sundays and Holidays are at premium rate.

10.2.5.4.4 Charges for managed cuts shall be based upon actual hours worked in one-half ( $\frac{1}{2}$ ) hour increments. Exhibit A of this Agreement contains the rates for managed cuts. CLEC understands and agrees that in the event CLEC does not make payment for managed cuts, unless disputed as permitted under Section 5.4 of this Agreement, Qwest shall not accept any new LSR requests for managed cuts.

10.2.5.4.5 Qwest will schedule the appropriate number of employees prior to the cut, normally not to exceed three (3) employees, based upon information provided by CLEC. CLEC will also have appropriate personnel scheduled for the negotiated FDT. If CLEC's information is modified during the cut, and, as a result, non-scheduled employees are required, CLEC shall be charged a three (3) hour minimum callout charge per each additional non-scheduled employee. If the cut is either cancelled, or supplemented to change the Due Date, within twenty-four (24) hours of the negotiated FDT, CLEC will be charged a one person three (3) hour minimum charge. If the cut is cancelled due to a Qwest error or a new Due Date is requested by Qwest within twenty-four (24) hours of the negotiated FDT, Qwest may be charged by CLEC one person three (3) hour minimum charge as set forth in Exhibit A.

10.2.5.4.6 In the event that the LNP managed cut conversion is not successful, CLEC and Qwest agree to isolate and fix the problem in a timeframe acceptable to CLEC or the End User Customer. If the problem cannot be corrected within an acceptable timeframe to CLEC or the End User Customer, CLEC may request the restoration of Qwest service for the ported End User Customer. Such restoration shall begin immediately upon request. If CLEC is in error then a supplemental order shall be provided to Qwest. If Qwest is in error, no supplemental order or additional order will be required of CLEC.

10.2.5.4.7 Qwest shall ensure that any LNP order activity requested in conjunction with a managed cut shall be implemented in a manner that avoids interrupting service to the End User Customer, including, without limitation, ensuring that the End User Customer's Qwest Loop will not be disconnected prior to confirmation that CLEC's Loop has been successfully installed.

## 10.2.6 Maintenance and Repair

10.2.6.1 Each Party is responsible for its own End User Customers and will have the responsibility for resolution of any service trouble report(s) from its End User Customers. End User Customers will be instructed to report all cases of trouble to their Current Service Provider.

10.2.6.2 Each Party will provide its respective End User Customers the correct telephone numbers to call for access to its respective repair bureau. Each Party will provide its repair contact telephone numbers to one another on a reciprocal basis.

10.2.6.3 Qwest will work cooperatively with CLEC to isolate and resolve trouble reports. When the trouble condition has been isolated and found to be within a portion of the Qwest network, Qwest will perform standard tests and isolate and repair the trouble within twenty-four (24) hours of receipt of the report.

10.2.6.4 Qwest will proactively test new Switch features and service offerings to ensure there are no problems with either the porting of telephone numbers or calls from Qwest End User Customers to CLEC End User Customers with ported telephone numbers or vice versa.

## 10.2.7 Rate Elements

10.2.7.1 Qwest will comply with FCC and Commission rules on cost recovery for Local Number Portability.

## 10.3 911/E911 Service

### 10.3.1 Description

10.3.1.1 911 and E911 provides an End User Customer access to the applicable emergency service bureau, where available, by dialing a 3-digit universal telephone number (911).

10.3.1.2 Automatic Location Identification/Data Management System (ALI/DMS). The ALI/DMS database contains End User Customer information (including name, address, telephone number, and sometimes special information from the Current Service Provider or End User Customer) used to determine to which Public Safety Answering Point (PSAP) to route the call. The ALI/DMS database is used to provide more routing flexibility for E911 calls than Basic 911.

10.3.1.3 Basic 911 directly connects to the PSAP all 911 calls from one or more local exchange End Office Switches that serve a geographic area. E911 provides additional Selective Routing flexibility for 911 calls. E911 uses End User Customer data, contained in the ALI/DMS, to determine to which Public Safety Answering Point (PSAP) to route the call.

### 10.3.2 Terms and Conditions

10.3.2.1 Qwest will provide nondiscriminatory access to the same Basic 911 or Enhanced 911 features, functions and services that Qwest provides to its End User

Customers. E911 functions provided to CLEC shall be at the same level of accuracy and reliability as for such support and services that Qwest provides to its End User Customers for such similar functionality.

10.3.2.2 In counties where Qwest has obligations under existing agreements as the primary provider of the 911 system to the county, CLEC will participate in the provision of the 911 System as described in Section 10.3.

10.3.2.3 Qwest shall conform to all state regulations concerning emergency services.

10.3.2.4 Qwest shall route E911 calls to the appropriate PSAP.

10.3.2.5 Each Party will be responsible for those portions of the 911 system for which it has total control, including any necessary maintenance to each Party's portion of the 911 system.

10.3.2.6 Qwest will provide CLEC with the identification of the Qwest 911 controlling office that serves each geographic area served by CLEC.

10.3.2.7 Qwest will provide CLEC with the ten-digit telephone numbers of each PSAP agency, for which Qwest provides the 911 function, to be used by CLEC to acquire emergency telephone numbers for operators to handle emergency calls in those instances where CLEC's End User Customer dials "0" instead of "911". It shall be the responsibility of CLEC to verify or confirm the appropriate use of the contact information provided by Qwest with each PSAP prior to offering 911 calls or publication of such data.

10.3.2.8 If a third party is the primary service provider to a county, CLEC will negotiate separately with such third party with regard to the provision of 911 service to the county. All relations between such third party and CLEC are separate from this Agreement and Qwest makes no representations on behalf of the third party.

10.3.2.9 If CLEC is the primary service provider to the county, CLEC and Qwest will negotiate the specific provisions necessary for providing 911 service to the county and will include such provisions in an amendment to this Agreement.

10.3.2.11 CLEC is responsible for network management of its network components in compliance with the Network Reliability Council Recommendations and meeting the network standard of Qwest for the 911 call delivery.

10.3.2.12 The Parties shall provide a single point of contact to coordinate all activities under this Agreement.

10.3.2.13 Neither Party will reimburse the other for any expenses incurred in the provision of E911 services. All costs incurred by the Parties for 911/E911 services shall be billed to the appropriate PSAP.

10.3.2.14 Qwest's designated E911 database provider, an independent third party, will be responsible for maintaining the E911 database. CLEC shall have non-discriminatory unbundled access to the E911 database, including the listings of other LECs for purposes of providing 911 services related to the public health, safety and

welfare.

### **10.3.3 E911 Database Updates**

10.3.3.1 CLEC exchanges to be included in Qwest's E911 Database will be indicated via written notice to the appropriate 911 authority (state agency or PSAP administrator or county) and will not require an amendment to this Agreement.

10.3.3.2 Qwest's designated E911 database provider, an independent third party, will be responsible for maintaining the E911 database. Qwest, or its designated database provider, will provide to CLEC an initial copy of the most recent Master Street Address Guide (MSAG), and subsequent versions on a quarterly basis, at no charge. MSAGs provided outside the quarterly schedule will be provided and charged on an Individual Case Basis. The data will be provided in computer readable format. Qwest shall provide CLEC access to the Master Street Address Guide at a level of accuracy and reliability that is equivalent to the access Qwest provides to itself.

### **10.3.4 E911 Database Updates for Facilities-Based CLECs**

10.3.4.1 Qwest will ensure that the 911 database entries for CLEC will be maintained with the same accuracy and reliability that Qwest maintains for Qwest's own End User Customers.

10.3.4.2 For Selective Routing table updates, facilities-based CLECs will negotiate directly with Qwest's database provider for the input and validation of End User Customer data into the Qwest Automatic Location Identification (ALI) database. CLEC will negotiate directly with the PSAP (or PSAP agency's) DMS/ALI provider for input of End User Customer data into the ALI database. In most cases the Selective Routing table updates and the ALI database will be managed by the same provider. CLEC assumes all responsibility for the accuracy of the data that CLEC provides for MSAG preparation and E911 Database operation.

10.3.4.3 If it is facilities-based, CLEC will provide End User Customer data to Qwest's agent for the Qwest ALI database utilizing NENA-02-010 Recommended Formats and Protocols For ALI Data Exchange standards. Qwest will furnish CLEC any variations to NENA recommendations required for ALI database input.

10.3.4.4 If it is facilities-based, CLEC will provide End User Customer data to Qwest's database provider for Qwest's ALI database that is MSAG valid and meets all components of the NENA-02-011 Recommended Data Standards for Local Exchange Carriers, ALI Service Providers and 9-1-1 Jurisdictions standard format, as specified by Qwest.

10.3.4.5 If it is facilities-based, CLEC will update its End User Customer records provided to Qwest's database provider for Qwest's ALI database to agree with the 911 MSAG standards for its service areas.

10.3.4.6 Qwest's E911 database administrator, an independent third party, shall resolve failed Local Number Portability migrate records in accordance with the NENA standard, NENA-02-011 Sections 22B.1-2, for Qwest records where Qwest is the donor company as defined in the NENA standard. The Qwest E911 database administrator

will compare CLEC's (i.e., recipient company as defined in the NENA standard) failed migrate records to the Regional Number Portability Administration Center's (NPAC) database once each business day to determine if the migrate record (i.e., ported telephone number) has been activated by the recipient company. If the migrate record has been activated by CLEC in the NPAC, the record shall be unlocked and the migrate record processed. If, at the end of ten (10) business days, the NPAC database does not show the migrate record as activated or the record owner identification does not match, the migrate record will be rejected. The E911 database administrator will send reports regarding CLEC's failed migrate records (i.e., 755 error code) and rejected migrate records (i.e., 760 error code) to CLEC or CLEC's designated database administrator. Qwest's E911 database administrator will also resolve failed migrate records for CLEC, if valid based on the NPAC database.

### **10.3.5 E911 Database Updates for Resale Based CLECs**

10.3.5.1 For resold services, Qwest, or its designated database provider, will provide updates to the ALI database in a manner that is at the same level of accuracy and reliability as such updates are provided for Qwest's End User Customers. For resold accounts, CLEC shall provide Qwest with accurate End User Customer location information to be updated to the ALI/DMS database. Qwest shall use its current process to update and maintain End User Customer information in the ALI/DMS database.

### **10.3.6 E911 Database Accuracy**

10.3.6.1 E911 Database accuracy shall be measured jointly by the PSAPs and Qwest's database provider in a format supplied by Qwest. The reports shall be forwarded to CLEC by Qwest's database provider when relevant and will indicate incidents when incorrect or no ALI data is displayed. The reports provided to CLEC shall contain CLEC-specific information regarding CLEC's accounts.

10.3.6.2 Each discrepancy report will be jointly researched by Qwest and CLEC. Corrective action will be taken immediately by the responsible Party.

10.3.6.3 Each Party providing updates to the E911 database will be responsible for the accuracy of its End User Customer records. Each Party providing updates specifically agrees to indemnify and hold harmless the other Party from any claims, damages, or suits related to the accuracy of End User Customer data provided for inclusion in the E911 Database.

10.3.6.4 Qwest and its vendor will provide non-discriminatory error correction for records submitted to the Automatic Location Identification (ALI) database. For resold accounts, if vendor detects errors, it will attempt to correct them. If vendor is unable to correct the error, vendor will contact Qwest for error resolution. For errors referred to Qwest, Qwest will provide the corrections in a non-discriminatory manner. If Qwest is unable to resolve the error, Qwest will contact the Resale-CLEC for resolution. In the case of facilities-based CLECs, the vendor will interface directly with CLEC to resolve record errors.

### **10.3.7 E911 Interconnection**

10.3.7.1 If required by CLEC, Qwest shall interconnect direct trunks from CLEC's

network to the Basic 911 PSAP, or the E911 tandem. Such trunks may alternatively be provided by CLEC. If provided by Qwest, such trunks will be provided on a non-discriminatory basis. Qwest shall provide special protection identification for CLEC 911 circuits in the same manner as Qwest provides for its 911 circuits.

10.3.7.1.1 The Parties shall establish a minimum of two (2) dedicated trunks from CLEC's Central Office to each Qwest 911/E911 Selective Router (i.e., 911 Tandem Office) that serves the areas in which CLEC provides Exchange Service, for the provision of 911/E911 services and for access to all subtending PSAPs (911 Interconnection Trunk Groups). CLEC can order diverse routing for 911/E911 circuits, if facilities are available. When Qwest facilities are available, Qwest will comply with diversity of facilities and systems as ordered by CLEC. Where there is alternate routing of 911/E911 calls to a PSAP in the event of failures, Qwest shall make that alternate routing available to CLEC.

10.3.7.1.2 911 Interconnection Trunk Groups must be, at a minimum, DS0 level trunks configured as a 2-wire analog interface or as part of a digital (1.544 Mbps) interface. Either configuration must use Centralized Automatic Message Accounting (CAMA) type signaling with MF tones that will deliver Automatic Number Identification (ANI) with the voice portion of the call, or Signaling System 7 (SS7) if available (i.e., other signaling technology as available). All 911 Interconnection trunk groups must be capable of transmitting and receiving Baudot code necessary to support the use of Telecommunications Devices for the Deaf (TTY/TDDs).

10.3.7.1.3 Qwest shall begin restoration of 911/E911 trunking facilities immediately upon notification of failure or outage. Qwest must provide priority restoration of trunks or network outages on the same terms and conditions it provides itself. CLEC will be responsible for the isolation, coordination, and restoration of all 911 network maintenance problems to CLEC's demarcation. Qwest will be responsible for the coordination and restoration of all 911 network maintenance problems beyond the demarcation. Qwest repair service includes testing and diagnostic service from a remote location, dispatch of or in-person visit(s) of personnel. Where an on-site technician is determined to be required, a technician will be dispatched without delay. CLEC is responsible for advising Qwest of the circuit identification when notifying Qwest of a failure or outage. The Parties agree to work cooperatively and expeditiously to resolve any 911 outage. Qwest will refer network trouble to CLEC if no defect is found in Qwest's network. The Parties agree that 911 network problem resolution will be managed in an expeditious manner at all times.

10.3.7.2 For CLEC-identified 911 trunk blockages, Qwest agrees to take corrective action using the same trunking service procedures used for Qwest's own E911 trunk groups.

10.3.7.3 The Parties will cooperate in the routing of 911 traffic in those instances where the ALI/ANI information is not available on a particular 911 call.

10.3.7.4 For facilities-based CLEC using its own switch(es), Qwest shall provide 911 Interconnection, including the provision of dedicated trunks from CLEC End Office Switch to the 911 control office, at Parity with what Qwest provides itself.

10.3.7.5 For CLEC's resale local exchange lines, Qwest shall provide access to the same 911 trunks used for Qwest's retail End User Customers which extend from the Qwest End Office Switch to the Basic 911 PSAP or the E911 Tandem Switch. CLEC access to such 911 trunks shall be on a shared, non-discriminatory basis.

### **10.3.8 E911 and Number Portability**

10.3.8.1 When a Qwest telephone number is ported out, receiving CLEC shall be responsible to update the ALI/DMS database. When a CLEC telephone number is ported in, Qwest shall be responsible to update the ALI/DMS database.

### **10.3.9 Public Switch/Automatic Location Identification (PS/ALI) Service**

#### **10.3.9.1 PS/ALI Description**

10.3.9.1.1 Private Switch/Automatic Location Identification (PS/ALI) Service provides End User Customers using a private telephone Switch, such as Private Branch Exchanges (PBXs) and some Centrex/Centron, with the Selective Routing and/or Automatic Location Identification (SR/ALI) feature(s) of E911 for individual telephone stations served by the PBX or Centrex/Centron. The PS/ALI capability allows for the storage and retrieval of Automatic Location Identification and/or the Selective Routing of that call to the appropriate Public Safety Answering Point (PSAP).

10.3.9.1.2 CLEC's PS/ALI End User Customer systems are viewed as a Serving Wire Center within the E911 network. The Automatic Number Identification (ANI) generated by the PBX/Centrex/Centron will be read, processed, and utilized as if it were a typical End Office Switch. The E911 SR will route the E911 PS/ALI call to the appropriate PSAP based on the ANI received, or the default Emergency Service Number (ESN). Upon receipt of the information, the PSAP forwards the ANI information to the ALI database over an existing data network, where it is then used to retrieve the stored station name, address and location information. The PSAP monitor then displays the station address and location information for handling by the emergency response personnel.

10.3.9.1.3 The PS/ALI capability consists of the ALI database updates and transport of PS/ALI calls to an E911 SR or to the appropriate PSAP.

#### **10.3.9.2 PS/ALI Terms and Conditions**

10.3.9.2.1 PS/ALI service is only available in areas where E911 is currently supported. PS/ALI is not available with Basic 911 service.

10.3.9.2.2 CLEC or CLEC's PS/ALI End User Customer is responsible for establishing and maintaining the E911 database records for the PBX/Centrex/Centron. CLEC or CLEC's PS/ALI End User Customer shall provide the PBX/Centrex/Centron ALI information to Qwest's designated E911 database provider. PS/ALI information includes the name, address and location information for each station behind the PBX/Centrex/Centron. Qwest does not guarantee or confirm the accuracy of End User Customer provided information.



10.3.9.2.3 When the station user dials 911, the PBX/Centrex/Centron must be able to recognize the digits as a complete dialing code. (In some systems, it may be necessary to dial a single digit network access code before dialing 911, i.e., dial "9" to make a call outside of the private Switch prior to dialing 911). The PBX/Centrex/Centron must provide a full seven (7) digit numbering system and the associated ANI for every station within the private Switch. If the seven (7) digit telephone number is not dialable, CLEC's PS/ALI End User Customer is responsible to identify the associated call back telephone number to be populated in the database. PS/ALI Service is not available with Digital Switched Service (DSS). PS/ALI is available over Primary Rate Interface (PRI) trunks. If CLEC's PS/ALI End User Customer uses Integrated Service Digital Network – Primary Rate Interface (ISDN-PRI) to provide PS/ALI, special Centralized Automatic Accounting (CAMA) trunks are not required.

10.3.9.2.4 For PS/ALI resold service, CLEC shall meet the terms and conditions for Qwest's PS/ALI retail product.

### 10.3.9.3 PS/ALI Database Updates

10.3.9.3.1 Qwest's designated E911 database provider, an independent third party, will be responsible for maintaining the PS/ALI E911 database. Qwest's E911 database provider will provide CLEC's PS/ALI End User Customer with the specific PC based PS/ALI software requirements to access and update the ALI database with their station name, address and location information.

10.3.9.3.2 CLEC's PS/ALI End User Customer will provide the input and validation of station data directly into the ALI database. CLEC's PS/ALI End User Customer will provide station data to Qwest's ALI database provider that is Master Street Address Guide (MSAG) valid and utilizes National Emergency Number Association (NENA) guidelines. PS/ALI follows the NENA-02-010 Recommended Formats and Protocols For ALI Data Exchange, NENA-02-011 Recommended Data Standards for Local Exchange Carriers (LEC), ALI Service Providers and 911 Jurisdictions. Qwest will furnish CLEC with any variations to NENA recommendations required for PS/ALI database input.

### 10.3.9.4 PS/ALI Database Accuracy

10.3.9.4.1 PS/ALI database accuracy shall be measured jointly by the PSAPs and Qwest's database provider. The reports shall be forwarded to CLEC or CLEC's PS/ALI End User Customer by Qwest's database provider when relevant and will indicate incidents when incorrect or no ALI data is displayed. The responsible Party will take corrective action immediately.

10.3.9.4.2 Each Party providing PS/ALI updates to the E911 database will be responsible for the accuracy of its records.

### 10.3.9.5 PS/ALI Interconnection

10.3.9.5.1 Facilities-based CLEC using its own switch(es) shall interconnect direct trunks from CLEC's network to the PSAP or the E911 tandem (Selective Router), in accordance with the terms and conditions identified in

"E911 Interconnection". If technically capable, CLEC may route PS/ALI calls over CLEC's existing E911 Interconnection trunks. In some instances technical requirements may necessitate provisioning dedicated PS/ALI CAMA trunks between either CLEC's Switch and the E911 Selective Router or PSAP or between CLEC's PS/ALI End User Customer PBX/Centrex/Centron and the E911 Selective Router or PSAP. In these instances the dedicated PS/ALI ES CAMA trunks must comply with the terms and conditions of standard E911 Interconnection.

10.3.9.5.2 For Reseller CLEC, CLEC's PS/ALI End User Customer is required to install a minimum of two (2) trunks for each main location listed where the PBX/Centrex/Centron resides on an End User Customer's premises to the 911 system. The dedicated PS/ALI ES CAMA trunks will comply with the terms and conditions of standard E911 Interconnection. PS/ALI service is available in some Qwest End Office Switches over PRI trunks. If CLEC's PS/ALI End User Customer uses ISDN PRI to provide PS/ALI, special CAMA trunks are not required. Dedicated circuits are not required for Centron service.

#### 10.3.9.6 PS/ALI Rate Elements

10.3.9.6.1 Rates and charges for PS/ALI service will be assessed based on CLEC's specific requirements. Both nonrecurring and monthly recurring rates may be applicable as shown in Exhibit A. Rate elements for PS/ALI include charges for establishing the service account with the E911 database provider, trunks, transport, Selective Routing, and ALI service features, storage and retrieval.

#### 10.3.9.7 PS/ALI Ordering

##### 10.3.9.7.1 Facilities-based CLEC Using its Own Switch(es) – PS/ALI Ordering

10.3.9.7.1.1 Once all critical information has been obtained and agreed upon in the PS/ALI joint planning meeting, CLEC's PS/ALI Interconnection arrangement will determine the ordering process to be followed. If CLEC is planning on routing PS/ALI traffic over an existing E911 ES trunk group, and capacity exists to handle the additional PS/ALI traffic, CLEC will not be required to issue any changes to the existing E911 Interconnection arrangement. If CLEC determines that a new dedicated PS/ALI ES trunk group is required to route PS/ALI traffic from CLEC Switch to the Qwest SR, CLEC will follow the process outlined in the PCAT E911 ordering section.

10.3.9.7.1.2 ALI service features may be ordered from Qwest or directly from the third party database provider. If ordering from Qwest, CLEC will use the ASR process. If ordering directly from the third party provider, CLEC will need to establish service with the third party provider for the PS/ALI update, storage and retrieval capability.

##### 10.3.9.7.2 Resale – PS/ALI Ordering

10.3.9.7.2.1 Orders for Resold PS/ALI are submitted using the Local Service Ordering Guidelines (LSOG) and should be placed via the Interconnect Mediated Access Graphical User Interface (IMA GUI) or Interconnect Mediated Access Electronic Data Interexchange (IMA EDI).

#### 10.3.9.8 PS/ALI Billing

10.3.9.8.1 Upon completion of implementation of the PS/ALI service, Qwest will initiate PS/ALI nonrecurring and recurring Billing.

## 10.4 White Pages Directory Listings

### 10.4.1 Description

White Pages Listings Service (Listings) consists of Qwest placing the names, addresses and telephone numbers of CLEC's End User Customers in Qwest's Listings database, based on End User Customer information provided to Qwest by CLEC. Qwest is authorized to use CLEC End User Customer Listings as noted below.

### 10.4.2 Terms and Conditions

10.4.2.1 CLEC will provide in standard format, by mechanized or by manual transmission to Qwest, its primary, premium and privacy Listings. Qwest will accept one (1) primary Listing for each main telephone number belonging to CLEC's End User Customers at no charge.

10.4.2.2 CLEC will be charged for premium Listings (e.g., additional, foreign, cross-reference) and privacy Listings (i.e., nonlisted and nonpublished) at Qwest's General Exchange Listing Tariff rates, less the wholesale discount, as described in Exhibit A. Primary Listings and other types of Listings are defined in the Qwest General Exchange Tariffs.

10.4.2.3 Information on submitting and updating Listings is available in "Facility Based CLECs and Reseller/Unbundled Network CLECs Directory Listings User Document." Qwest will furnish CLEC the Listings format specifications. Directory publishing schedules and deadlines for Qwest's official directory publisher will be provided to CLEC.

10.4.2.4 If CLEC provides its End User Customer's Listings to Qwest, CLEC grants Qwest access to CLEC's End User Customer Listings information for use in its Directory Assistance Service, and for other lawful purposes, except that CLEC's Listings supplied to Qwest by CLEC and marked as nonpublished or nonlisted Listings shall not be used for marketing purposes subject to the terms and conditions of this Agreement. Qwest will incorporate CLEC End User Customer Listings in the Directory Assistance Database. Qwest will incorporate CLEC's End User Customer Listings information in all existing and future Directory Assistance applications developed by Qwest. Should Qwest cease to be a Telecommunications Carrier, by virtue of a divestiture, merger or other transaction, this access grant automatically terminates.

10.4.2.5 CLEC End User Customer Listings will be treated the same as Qwest's End User Customer Listings. Prior written authorization from CLEC, which authorization

may be withheld, shall be required for Qwest to sell, make available, or release CLEC's End User Customer Listings to directory publishers, or other third parties other than Directory Assistance providers. No prior authorization from CLEC shall be required for Qwest to sell, make available, or release CLEC's End User Customer Directory Assistance Listings to Directory Assistance providers. Listings shall not be provided or sold in such a manner as to segregate End User Customers by Carrier. Qwest will not charge CLEC for updating and maintaining Qwest's Listings databases. CLEC will not receive compensation from Qwest for any sale of Listings by Qwest as provided for under this Agreement.

10.4.2.6 To the extent that state Tariffs limit Qwest's liability with regard to Listings, the applicable state Tariff(s) is incorporated herein and supersedes the Limitation of Liability section of this Agreement with respect to Listings only.

10.4.2.7 Qwest is responsible for maintaining Listings, including entering, changing, correcting, rearranging and removing Listings in accordance with CLEC orders.

10.4.2.8 Qwest provides non-discriminatory appearance and integration of white pages Listings for all CLEC's and Qwest's End User Customers. All requests for white pages Directory Listings, whether CLEC or Qwest End User Customers, follow the same processes for entry into the Listings database.

10.4.2.9 Qwest will take reasonable steps in accordance with industry practices to accommodate nonpublished and nonlisted Listings provided that CLEC has supplied Qwest the necessary privacy indicators on such Listings.

10.4.2.10 CLEC white pages Listings will be in the same font and size as Listings for Qwest End User Customers, and will not be separately classified.

10.4.2.11 Qwest processes for publication of white pages Directory Listings will make no distinction between CLEC and Qwest subscribers. CLEC Listings will be provided with the same accuracy and reliability as Qwest's End User Customer Listings. Qwest will ensure CLEC Listings provided to Qwest are included in the white pages directory published on Qwest's behalf using the same methods and procedures, and under the same terms and conditions, as Qwest uses for its own End User Customer Listings.

10.4.2.12 Qwest shall ensure its third party publisher distributes appropriate alphabetical and classified directories (white and yellow pages) and recycling services to CLEC End User Customers at Parity with Qwest End User Customers, including providing directories a) upon establishment of new service; b) during annual mass distribution; and c) upon End User Customer request.

10.4.2.13 CLEC shall use commercially reasonable efforts to ensure that Listings provided to Qwest are accurate and complete. All third party Listings information is provided AS IS, WITH ALL FAULTS. CLEC further represents that it shall review all Listings information provided to Qwest, including End User Customer requested restrictions on use, such as nonpublished and nonlisted restrictions.

10.4.2.14 Reserved for Future Use.

10.4.2.15 CLEC shall be solely responsible for knowing and adhering to state laws or rulings regarding Listings and for supplying Qwest with the applicable Listing information.

10.4.2.16 CLEC agrees to provide to Qwest its End User Customer names, addresses and telephone numbers in a standard mechanized or manual format, as specified by Qwest.

10.4.2.17 CLEC will supply its ACNA/CIC or CLCC/OCN, as appropriate, with each order to provide Qwest the means of identifying Listings ownership.

10.4.2.18 Prior to placing Listings orders on behalf of End User Customers, CLEC shall be responsible for obtaining, and have in its possession, Proof of Authorization (POA), as set forth in Section 5.3 of this Agreement.

10.4.2.19 Qwest will provide monthly Listing verification proofs that provide the data to be displayed in the published white pages directory and available on Directory Assistance. Verification proofs containing nonpublished and nonlisted Listings are also available upon request on the same monthly schedule.

10.4.2.20 Qwest will provide CLEC a reasonable opportunity to verify the accuracy of the Listings to be included in the white pages directory and Directory Assistance.

10.4.2.21 CLEC may review and if necessary edit the white page Listings prior to the close date for publication in the directory.

10.4.2.22 CLEC is responsible for all dealings with, and on behalf of, CLEC's End User Customers, including:

10.4.2.22.1 All End User Customer account activity (e.g., End User Customer queries and complaints);

10.4.2.22.2 All account maintenance activity (e.g., additions, changes, issuance of orders for Listings to Qwest);

10.4.2.22.3 Determining privacy requirements and accurately coding the privacy indicators for CLEC's End User Customer information (if End User Customer information provided by CLEC to Qwest does not contain a privacy indicator, no privacy restrictions will apply); and

10.4.2.22.4 Any additional services requested by CLEC's End User Customers.

10.4.2.23 Pursuant to Sections 222 (a), (b), (c), (d), and (e) of the Telecommunications Act, Qwest will provide subscriber list information gathered in Qwest's capacity as a provider of Local Exchange Service on a timely basis, under non-discriminatory and reasonable rates, terms and conditions to CLEC upon request for the purpose of publishing directories in any format. Rates may be subject to federal or state law or rules, as appropriate. Upon request by CLEC, Qwest shall enter into negotiations with CLEC for CLEC's use of subscriber list information for purposes other than publishing directories, and Qwest and CLEC will enter into a written contract if

agreement is reached for such use.

10.4.2.23.1 Qwest shall use commercially reasonable efforts to ensure that its retail End User Customer Listings provided to CLEC are accurate and complete. Any third party Listings are provided AS IS, WITH ALL FAULTS. Qwest further represents that it shall review all its retail End User Customer Listings information provided to CLEC including End User Customer requested restrictions on use, such as nonpublished and nonlisted restrictions.

10.4.2.24 Qwest represents and warrants that any arrangement for the publication of white pages Directory Listings with an Affiliate or contractor, requires such Affiliate or contractor to publish the Directory Listings of CLEC contained in Qwest's Listings database so that CLEC's Directory Listings are non-discriminatory in appearance and integration, and have the same accuracy and reliability that such Affiliate or contractor provides to Qwest's End User Customers.

10.4.2.25 Qwest further agrees that any arrangements for the publication of white pages Directory Listings with an Affiliate or contractor shall require such Affiliate or contractor to include in the customer guide pages of the white pages directory, a notice that End User Customers should contact their Current Service Provider to request any modifications to their existing Listing or to request a new Listing.

10.4.2.26 Qwest agrees that any arrangement with an Affiliate or contractor for the publication of white pages Directory Listings shall require such Affiliate or contractor to provide CLEC space in the Customer guide pages of the white pages directory for the purpose of notifying End User Customers how to reach CLEC to: (1) request service; (2) contact repair service; (3) dial Directory Assistance; (4) reach an account representative; (5) request buried cable locate service; and (6) contact the special needs center for End User Customers with disabilities.

### **10.4.3 Rate Elements**

The following rate elements apply to White Pages Listings and are contained in Exhibit A of this Agreement.

10.4.3.1 Primary Listings; and

10.4.3.2 Premium/Privacy Listings.

### **10.4.4 Ordering Process**

10.4.4.1 Qwest provides training on white page Listings requests and submission processes. The ordering process is similar to the service ordering process.

10.4.4.2 CLEC Listings can be submitted for inclusion in Qwest white pages directories according to the directions in the Qwest Listings User Documents for Facility-Based and Reseller CLECs, which is available on-line through the PCAT (<http://www.qwest.com/wholesale/pcat/>) or will be provided in hard copy to CLEC upon request. Initial information and directions are available in the PCAT.

10.4.4.3 CLEC can submit the OBF forms incorporated in the Local Service

Request via the IMA-EDI, IMA-GUI, or fax.

## 10.5 Directory Assistance

### 10.5.1 Description

10.5.1.1 Directory Assistance Service is a telephone number, voice Information Service that Qwest provides to its own End User Customers and to other Telecommunications Carriers. Qwest provides CLEC non-discriminatory access to Qwest's Directory Assistance centers, services and Directory Assistance Databases. There are three (3) forms of Directory Assistance Services available pursuant to this Agreement -- Directory Assistance Service, Directory Assistance List Services, and Directory Assistance Database Service. These services are available with CLEC-specific branding, generic branding and Directory Assistance Call Completion Link options. Qwest will provide CLEC with non-discriminatory access to its Directory Assistance Service. Directory Assistance Service is provided to CLEC for resale with resold local exchange lines at the wholesale discount as described in Exhibit A. Directory Assistance Service is provided to CLEC as a facilities-based provider pursuant to Section 251(b)(3) of the Act. As such, the pricing requirements of Section 252(d)(1) of the Act are not applicable. Directory Assistance Service shall be provided to CLEC as a facilities-based provider at market-based rates as described in Exhibit A.

10.5.1.1.1 Directory Assistance Service. The published and non-listed telephone numbers provided within the relevant geographic area are those contained in Qwest's then current Directory Assistance Database.

10.5.1.1.1.1 Local Directory Assistance Service -- Allows CLEC's End User Customers to receive published and non-listed telephone numbers within the caller's NPA/LATA geographic areas, whichever is greater.

10.5.1.1.1.2 National Directory Assistance Service -- Allows CLEC's End User Customers to receive Listings from Qwest's Local Directory Assistance Database and from the database of the National Directory Assistance Services vendor selected by Qwest. National Directory Assistance Service includes Local Directory Assistance Service.

10.5.1.1.1.3 Call Branding Service - Allows CLEC's End User Customers to receive the service options listed in 10.5.1.1.1.1 and 10.5.1.1.1.2 branded with the brand of CLEC, where Technically Feasible or with a generic brand. Call Branding announces CLEC's name to CLEC's End User Customer at the start and completion of the call. Call Branding is an optional service available to CLEC.

a) Front End Brand - Announces CLEC's name to CLEC's End User Customer at the start of the call. There is a nonrecurring charge to setup and record the Front End Brand message.

b) Back End Brand - Announces CLEC's name to CLEC's End User Customer at the completion of the call. There is a

nonrecurring charge to setup and record the Back End Brand message.

c) There is a nonrecurring charge to load CLEC's branded message in each Switch.

d) Qwest will record CLEC's branded message.

10.5.1.1.1.4 Call Completion Link allows CLEC's End User Customers' calls to be returned to CLEC for completion on CLEC's network, where available. There is a recurring charge per call.

10.5.1.1.2 Directory Assistance List Service -- Directory Assistance List Service is the access to Qwest's Directory Listings for subscribers within Qwest's fourteen (14) states for the purpose of providing Directory Assistance Service to its local exchange End User Customers subject to the terms and conditions of this Agreement. See Section 10.6 for terms and conditions relating to the Directory Assistance List Services.

10.5.1.1.2.1 If CLEC elects to build its own Directory Assistance Service, it can obtain Qwest Directory Listings through the purchase of the Directory Assistance List.

10.5.1.1.3 Directory Assistance Database Service -- Qwest shall provide CLEC non-discriminatory access to Qwest's Directory Assistance Database or "Directory1" database, where Technically Feasible, on a "per dip" basis.

## 10.5.2 Terms and Conditions

10.5.2.1 Qwest will provide CLEC non-discriminatory access to Qwest's Directory Assistance Databases, Directory Assistance centers and personnel to provide Directory Assistance Service.

10.5.2.2 Qwest's Directory Assistance Database contains only those published and non-listed telephone number Listings obtained by Qwest from its own End User Customers and other Telecommunications Carriers.

10.5.2.3 Qwest will provide access to Directory Assistance Service for facilities-based CLEC using its own switch(es) via dedicated multi-frequency (MF) operator service trunks. CLEC may purchase operator service trunks from Qwest or provide them itself. These operator service trunks will be connected directly to a Qwest Directory Assistance host or remote Switch. CLEC will be required to order or provide at least one (1) operator services trunk for each NPA served.

10.5.2.4 Qwest will perform Directory Assistance Services for CLEC in accordance with operating methods, practices, and standards in effect for all Qwest End User Customers. Qwest will provide the same priority of handling for CLEC's End User Customer calls to Qwest's Directory Assistance Service as it provides for its own End User Customer calls. Calls to Qwest's Directory Assistance are handled on a first come, first served basis, without regard to whether calls are originated by CLEC or Qwest End User Customers.



10.5.2.5 Call Branding for Directory Assistance will entail recording and setting up a brand message. Dedicated interoffice facilities are required.

10.5.2.6 Call Completion Link requires dedicated interoffice facilities.

10.5.2.7 If CLEC elects to access the Qwest Directory Assistance Databases on a per dip basis, Qwest will provide to CLEC the facility and equipment specifications necessary to enable CLEC to obtain compatible facilities and equipment.

10.5.2.8 Reseller CLEC's End User Customers may use the same dialing pattern to access Directory Assistance Service as used by Qwest's End User Customers (i.e., 411, 1+411, or 1+NPA+555-1212).

10.5.2.9 Facilities-based CLEC using its own switch(es) may choose to have its End User Customers dial a unique number or use the same dialing pattern as Qwest End User Customers to access Qwest Directory Assistance operators.

10.5.2.10 Qwest will timely enter into its Directory Assistance Database updates of CLEC's Listings. Qwest will implement quality assurance procedures such as random testing for Listing accuracy. Qwest will identify itself to End User Customers calling its Directory Assistance Service provided for itself either by company name or operating company name or operating company number so that End User Customers have a means to identify with whom they are dealing.

10.5.2.10.1 In accordance with Section 18, CLEC may request a comprehensive audit of Qwest's use of CLEC's Directory Assistance Listings. In addition to the terms specified in Section 18, the following also apply: as used herein, "Audit" shall mean a comprehensive review of the other Party's delivery and use of the Directory Assistance Listings provided hereunder and such other Party's performance of its obligations under this Agreement. CLEC may perform up to two (2) audits per twelve (12) month period commencing with the Effective Date of this Agreement of Qwest's use of CLEC's Directory Assistance Listings in Qwest's Directory Assistance Service. CLEC shall be entitled to "seed" or specially code some or all of the Directory Assistance Listings that it provides hereunder in order to trace such information during an Audit and ensure compliance with the disclosure and use restrictions set forth in this Agreement.

10.5.2.11 Qwest shall use CLEC's Directory Assistance Listings supplied to Qwest by CLEC under the terms of this Agreement for purposes of providing Directory Assistance Service and for providing Directory Assistance List Information to Directory Assistance providers, and for other lawful purposes, except that CLEC's Directory Assistance Listings supplied to Qwest by CLEC and marked as nonpublished or nonlisted Listings shall not be used for marketing purposes.

### 10.5.3 Rate Elements

The following rate elements apply to Directory Assistance Service and are contained in Exhibit A of this Agreement.

10.5.3.1 A per call rate is applicable for Local Directory Assistance and National Directory Assistance Service selected by CLEC.

10.5.3.2 A nonrecurring setup and recording fee will be charged for establishing each Call Branding option. A nonrecurring charge to load CLEC's brand in each Switch is also applicable. Such nonrecurring fees must be paid before service commences.

10.5.3.3 A per call rate is applicable for Call Completion Link.

#### 10.5.4 Ordering Process

CLEC will order Directory Assistance Service by completing the questionnaire entitled "Qwest Operator Services/Directory Assistance Questionnaire for Local Service Providers." This questionnaire may be obtained from CLEC's Qwest account manager.

#### 10.5.5 Billing

10.5.5.1 Qwest will track and bill CLEC for the number of calls placed to Qwest's Directory Assistance Service by CLEC's End User Customers as well as for the number of requests for Call Completion Link.

10.5.5.2 For purposes of determining when CLEC is obligated to pay the per call rate, the call shall be deemed made and CLEC shall be obligated to pay when the call is received by the operator services Switch. An End User Customer may request and receive no more than two (2) telephone numbers per Directory Assistance call. Qwest will not credit, rebate or waive the per call charge due to any failure to provide a telephone number.

10.5.5.3 Call Completion Link will be charged at the per call rate when the End User Customer completes the required action (i.e., "press the number one," "stay on the line," etc.).

### 10.6 Directory Assistance List

#### 10.6.1 Description

10.6.1.1 Directory Assistance List (DA List) information consists of name, address and telephone number information for all End User Customers of Qwest and other LECs that are contained in Qwest's Directory Assistance Database and, where available, related elements required in the provision of Directory Assistance Service to CLEC's End User Customers. No prior authorization from CLEC shall be required for Qwest to sell, make available, or release CLEC's End User Customer Directory Assistance Listings to Directory Assistance providers. In the case of End User Customers who have non-published Listings, Qwest shall provide the End User Customer's local Numbering Plan Area (NPA), address, and an indicator to identify the non-published status of the Listing to CLEC; however, Qwest will not provide the non-published telephone number. Directory Assistance List service is provided pursuant to Section 251(b)(3) of the Act. As such, the pricing requirements of Section 252(d)(1) of the Act are not applicable. Directory Assistance List service shall be provided to CLEC at market-based rates as described in Exhibit A.

10.6.1.2 Qwest will provide DA List information via initial loads and daily updates by means of Network Data Mover (NDM) or as otherwise mutually agreed upon by the

Parties. Qwest will provide all changes, additions or deletions to the DA List information overnight on a daily basis. The Parties will use a mutually agreed upon format for the data loads.

10.6.1.3 DA List information shall specify whether the Qwest End User Customer is a residential, business, or government subscriber, and the Listings of other Carriers will specify such information where it has been provided on the Carrier's Listing order.

10.6.1.4 In the event CLEC requires a reload of DA List information from Qwest's database in order to validate, synchronize or reconcile its database, a reload will be made available according to the rate specified in Exhibit A.

10.6.1.5 Qwest and CLEC will cooperate in the designation of a location to which the data will be provided.

## 10.6.2 Terms and Conditions

10.6.2.1 Qwest grants to CLEC, as a competing provider of telephone Exchange Service and telephone toll service, access to the Directory Assistance List information Option 1) solely for the purpose of providing Directory Assistance Services, or Option 2) for purposes of providing Directory Assistance Services and for other lawful purposes, except that Listings included in Qwest's Directory Assistance List information and marked as non-published or non-listed Listings, or Listings marked with an "omit from lists" indicator shall not be used for marketing purposes, subject to the terms and conditions of this Agreement. CLEC will advise Qwest when it orders Qwest's Directory Assistance List information whether it chooses Option 1 or 2. As it pertains to the use of Directory Assistance List information in this Agreement, "Directory Assistance Service" shall mean the provision, by CLEC via a live operator or a mechanized system, of telephone number and address information for an identified telephone service End User Customer or the name and/or address of the telephone service End User Customer for an identified telephone number. Should CLEC cease to be a Telecommunications Carrier, a competing provider of telephone Exchange Service or telephone toll service, this access grant automatically terminates.

10.6.2.1.1 Qwest shall make commercially reasonable efforts to ensure that Listings belonging to Qwest retail End User Customers provided to CLEC in Qwest's DA List information are accurate and complete. All third party DA List information is provided AS IS, WITH ALL FAULTS. Qwest further represents that it shall review all of its End User Customer Listings information provided to CLEC, including End User Customer requested restrictions on use, such as non-published and non-listed restrictions.

10.6.2.2 CLEC will obtain and timely enter into its Directory Assistance Database daily updates of the DA List information, will implement quality assurance procedures such as random testing for Directory Assistance Listing accuracy, and will identify itself to End User Customers calling its DA Service either by company name or operating company number so that End User Customers have a means to identify with whom they are dealing.

10.6.2.3 Reserved for Future Use.

10.6.2.4 Qwest shall retain all right, title, interest and ownership in and to the DA Listing information it provides hereunder. CLEC acknowledges and understands that while it may disclose the names, addresses, and telephone numbers (or an indication of non-published status) of Qwest's End User Customers to a third party calling its Directory Assistance for such information, the fact that such End User Customer subscribes to Qwest's Telecommunications Services is Confidential and Proprietary Information and shall not be disclosed to any third party.

10.6.2.5 CLEC shall not sublicense, copy or allow any third party to access, download, copy or use the DA List information, or any portions thereof, or any information extracted therefrom. Each Party shall take commercially reasonable and prudent measures to prevent disclosure and unauthorized use of Qwest's DA List information at least equal to the measures it takes to protect its own Confidential and Proprietary Information, including but not limited to implementing adequate computer security measures to prevent unauthorized access to Qwest's DA List information when contained in any database.

10.6.2.5.1 Unauthorized use of Qwest's DA List information, or any disclosure to a third party of the fact that an End User Customer, whose Listing is furnished in the DA List, subscribes to Qwest's, another Local Exchange Carrier's, Reseller's or CMRS's Telecommunications Services shall be considered a material breach of this Agreement and shall be resolved under the Dispute Resolution provisions of this Agreement.

10.6.2.6 Within five (5) Days after the expiration or earlier termination of this Agreement, CLEC shall (a) return and cease using any and all DA List information which it has in its possession or control, (b) extract and expunge any and all copies of such DA List information, any portions thereof, and any and all information extracted therefrom, from its files and records, whether in print or electronic form or in any other media whatsoever, and (c) provide a written certification to Qwest from an officer that all of the foregoing actions have been completed. A copy of this certification may be provided to third party Carriers if the certification pertains to such Carriers' DA List information contained in Qwest's database.

10.6.2.7 CLEC is responsible for ensuring that it has proper security measures in place to protect the privacy of the End User Customer information contained within the DA List information. CLEC must remove from its database any telephone number for an End User Customer whose Listing has become non-published when so notified by Qwest.

10.6.2.8 Audits -- In accordance with Section 18, Qwest may request a comprehensive audit of CLEC's use of the DA List information. In addition to the terms specified in Section 18, the following also apply:

10.6.2.8.1 As used herein, "Audit" shall mean a comprehensive review of the other Party's delivery and use of the DA List information provided hereunder and such other Party's performance of its obligations under this Agreement. Either Party (the Requesting Party) may perform up to two (2) Audits per twelve (12) month period commencing with the Effective Date of this Agreement. Qwest shall be entitled to "seed" or specially code some or all of the DA List information that it provides hereunder in order to trace such information during an Audit and

ensure compliance with the disclosure and use restrictions set forth in Section 10.6.2.2 above.

10.6.2.8.2 All paper and electronic records will be subject to Audit.

10.6.2.9 CLEC recognizes that certain Carriers who have provided DA List information that is included in Qwest's database may be third party beneficiaries of this Agreement for purposes of enforcing any terms and conditions of the Agreement other than payment terms with respect to their DA List information.

10.6.2.10 Qwest will provide a non-discriminatory process and procedure for contacting End User Customers with non-published telephone numbers in emergency situations for non-published telephone numbers that are included in Qwest's Directory Assistance Database. Such process and procedure will be available to CLEC for CLEC's use when CLEC provides its own Directory Assistance and purchases Qwest's Directory Assistance List product.

### **10.6.3 Rate Elements**

Recurring and nonrecurring rate elements for DA List information are described below and are contained in Exhibit A of this Agreement.

10.6.3.1 Initial Database Load -- A "snapshot" of data in the Qwest DA List information database or portion of the database at the time the order is received.

10.6.3.2 Reload -- A "snapshot" of the data in the Qwest DA List information database or portion of the database required in order to refresh the data in CLEC's database.

10.6.3.3 Daily Updates -- Daily change activity affecting DA List information in the Listings database.

10.6.3.4 One-Time Set-Up Fees -- Charges for special database loads.

10.6.3.5 Output Charges -- Media charges resulting from either the electronic transmission or tape delivery of the DA List information, including any shipping costs.

### **10.6.4 Ordering**

10.6.4.1 CLEC may order the initial DA List information load or update files for Qwest's local Exchange Service areas in its 14 state operating territory or, where Technically Feasible, CLEC may order the initial DA List information load or update files by Qwest White Page Directory Code or NPA.

10.6.4.2 Special requests for data at specific geographic levels (such as NPA) must be negotiated in order to address data integrity issues.

10.6.4.3 CLEC shall use the Directory Assistance List Order Form found in the PCAT.

## 10.7 Toll and Assistance Operator Services

### 10.7.1 Description

10.7.1.1 Toll and assistance operator services are a family of offerings that assist End User Customers in completing EAS/local and long distance calls. Qwest provides non-discriminatory access to Qwest operator service centers, services and personnel. Qwest will provide CLEC with non-discriminatory access to its operator services. Toll and assistance operator services are provided to CLEC for resale with resold local exchange lines at the wholesale discount as described in Exhibit A. Toll and assistance operator services are provided to CLEC as a facilities-based provider pursuant to Section 251(b)(3) of the Act. As such, the pricing requirements of Section 252(d)(1) of the Act are not applicable. Toll and assistance operator services shall be provided to CLEC as a facilities-based provider at market-based rates as described in Exhibit A.

10.7.1.1.1 Local Assistance. Assists CLEC End User Customers requesting help or information on placing or completing EAS/local calls, connects CLEC End User Customers to home NPA Directory Assistance, and provides other information and guidance, including referral to the business office and repair, as may be consistent with Qwest's customary practice for providing End User Customer assistance.

10.7.1.1.2 IntraLATA Toll Assistance. Qwest will direct CLEC's End User Customer to contact its provider to complete InterLATA toll calls. Nothing in this Section is intended to obligate Qwest to provide any toll services to CLEC or CLEC's End User Customers.

10.7.1.1.3 Emergency Assistance. Provide assistance for handling CLEC's End User Customer's EAS/local and IntraLATA toll calls to emergency agencies, including but not limited to, police, sheriff, highway patrol and fire. CLEC is responsible for providing Qwest with the appropriate emergency agency numbers and updates.

10.7.1.1.4 Busy Line Verification (BLV) is performed when a calling party requests assistance from the operator bureau to determine if the called line is in use. The operator will not complete the call for the calling party initiating the BLV inquiry. Only one BLV attempt will be made per call, and a charge shall apply.

10.7.1.1.5 Busy Line Interrupt (BLI) is performed when a calling party requests assistance from the operator to interrupt a telephone call in progress. The operator will interrupt the busy line and inform the called party that there is a call waiting. The operator will not connect the calling and called parties. The operator will make only one BLI attempt per call and the applicable charge applies whether or not the called party releases the line.

10.7.1.1.6 Quote Service – Provide time and charges to hotel/motel and other CLEC End User Customers for guest/account identification.

### 10.7.2 Terms and Conditions

10.7.2.1 For Facilities-based CLEC using its own switch(es), Interconnection to

Qwest's operator services Switch is Technically Feasible at two (2) distinct points on the Trunk Side of the Switch. The first connection point is an operator services trunk connected directly to the Qwest operator services host Switch. The second connection point is an operator services trunk connected directly to a remote Qwest operator services Switch.

10.7.2.2 Trunk Provisioning and facility ownership must follow Qwest guidelines.

10.7.2.3 In order for CLEC to use Qwest's operator services as a facilities-based CLEC using its own switch(es), CLEC must provide an operator service trunk between CLEC's End Office Switch and the Interconnection point on the Qwest operator services Switch for each NPA served.

10.7.2.4 The technical requirements of operator service trunk are covered in the Operator Services Systems Generic Requirement (OSSGR), Telcordia document FR-NWT-000271, Section 6 (Signaling) and Section 10 (System Interfaces) in general requirements form.

10.7.2.5 Each Party's operator bureau shall accept BLV and BLI inquiries from the operator bureau of the other Party in order to allow transparent provision of BLV/BLI traffic between the Parties' networks.

10.7.2.6 CLEC will provide separate no-test trunks (not the local/IntraLATA trunks) to the Qwest BLV/BLI hub or to the Qwest operator services Switches.

10.7.2.7 Qwest will perform operator services in accordance with operating methods, practices, and standards in effect for all its End User Customers. Qwest will respond to CLEC's End User Customer calls to Qwest's operator services according to the same priority scheme as it responds to Qwest's End User Customer calls. Calls to Qwest's operator services are handled on a first come, first served basis, without regard to whether calls are originated by CLEC or Qwest End User Customers.

10.7.2.8 Qwest will provide operator services to CLEC where Technically Feasible and facilities are available. Qwest may from time-to-time modify and change the nature, extent, and detail of specific operator services available to its retail End User Customers, and to the extent it does so, Qwest will provide forty-five (45) Days advance written notice to CLEC of such changes.

10.7.2.9 Qwest shall maintain adequate equipment and personnel to reasonably perform the operator services. CLEC shall provide and maintain the facilities necessary to connect its End User Customers to the locations where Qwest provides the operator services and to provide all information and data needed or reasonably requested by Qwest in order to perform the operator services.

10.7.2.10 Call Branding is an optional service available to CLEC. Call Branding announces CLEC's name to CLEC's End User Customer at the start of the call and at the completion of the call. If CLEC selects the Call Branding option, Qwest will provide Call Branding to CLEC where Technically Feasible.

a) Front End Brand – Announces CLEC's name to CLEC's End User Customer at the start of the call. There is a nonrecurring charge to setup and

record the Front End Brand message.

b) Back End Brand – Announces CLEC's name to CLEC's End User Customer at the completion of the call. There is a nonrecurring charge to setup and record the Back End Brand message.

10.7.2.11 Call Branding for toll and operator services will entail recording and setup of a brand message. Qwest will record CLEC's branded message. Dedicated interoffice facilities will be required.

10.7.2.12 Call Branding also entails a non-recurring charge to load CLEC's branded message in each Switch.

10.7.2.13 CLEC's End User Customers may dial "0" or "0+" to access Qwest operator services. Facilities-based CLEC using its own switch(es) may choose to have its End User Customers access Qwest operators by dialing a unique number or by using the same dialing pattern as Qwest End User Customers.

### 10.7.3 Rate Elements

Qwest toll and assistance operator services are offered under two (2) pricing options. Option A offers a per message rate structure. Option B offers a work second and a per call structure. Applicable recurring and non-recurring rate elements are detailed below and in Exhibit A of this Agreement.

#### 10.7.3.1 Option A - Operator Services Rate Elements

10.7.3.1.1 Operator Handled Calling Card – For each completed calling card call that was dialed 0+ where the operator entered the calling card number.

10.7.3.1.2 Machine Handled Calling Card – For each completed call that was dialed 0+ where the End User Customer entered the required information, such as calling card number.

10.7.3.1.3 Station Call – For each completed station call, including station sent paid, collect, third number special Billing or 0- calling card call.

10.7.3.1.4 Person Call – For each completed person to person call regardless of the Billing used by the End User Customer.

10.7.3.1.5 Connect to Directory Assistance – For each operator placed call to Directory Assistance.

10.7.3.1.6 Busy Line Verify – For each call where the operator determines that conversation exists on a line.

10.7.3.1.7 Busy Line Interrupt – For each call where the operator interrupts conversation on a busy line and requests release of the line.

10.7.3.1.8 Operator Assistance – For each EAS/local call, whether completed or not, that does not potentially generate an operator surcharge.



These calls include, but are not limited to: calls given the DDD rate because of transmission problems; calls where the operator has determined there should be no charge, such as Busy Line Verify attempts where conversation was not found on the line; calls where the End User Customer requests information from the operator and no attempt is made to complete a call; and calls for quote service.

10.7.3.1.9 "Completed call" as used in this Section shall mean that the End User Customer makes contact with the location, telephone number, person or extension designated by the End User Customer.

#### 10.7.3.2 Option B - Per Work Second and Computer Handled Calls

10.7.3.2.1 Operator Handled - CLEC will be charged per work second for all calls originating from its End User Customers and facilities that are routed to Qwest's operator for handling. Work second charging begins when the Qwest operator position connects with CLEC's End User Customer and terminates when the connection between the Qwest operator position and CLEC's End User Customer is terminated.

10.7.3.2.2 Machine Handled - calls that are routed without operator intervention. Machine handled calls include, but are not limited to, credit card calls where the End User Customer enters the calling card number, calls originating from coin telephones where the computer requests deposit of coins, additional End User Customer key actions, recording of End User Customer voice, etc.

10.7.3.3 Call Branding Nonrecurring Charge. Qwest will charge to CLEC a nonrecurring setup and recording fee for establishing Call Branding and loading each Switch with CLEC's branded message. CLEC must pay such nonrecurring charges prior to commencement of the service. The nonrecurring set-up and recording charge will apply each time CLEC's brand message is changed. The nonrecurring charge to load the Switches with CLEC's branded message will be assessed each time there is any change to the Switch.

### 10.7.4 Ordering Process

CLEC will order operator services by completing the "Qwest Operator Services/Directory Assistance Questionnaire for Local Service Providers." Copies of this questionnaire may be obtained from CLEC's designated Qwest account manager.

### 10.7.5 Billing

10.7.5.1 Qwest will track usage and bill CLEC for the calls placed by CLEC's End User Customers and facilities.

10.7.5.2 Qwest will compute CLEC's invoice based on both Option A (Price Per Message) and Option B (Price Per Work Second and Computer Handled Calls). Qwest will charge CLEC whichever option results in a lower charge.

10.7.5.3 If, due to equipment malfunction or other error, Qwest does not have available the necessary information to compile an accurate Billing statement, Qwest may

render a reasonably estimated bill, but shall notify CLEC of the methods of such estimate and cooperate in good faith with CLEC to establish a fair, equitable estimate. Qwest shall render a bill reflecting actual billable quantities when and if the information necessary for the Billing statement becomes available.

## **10.8 Access to Poles, Ducts, Conduits, and Rights of Way**

### **10.8.1 Description**

10.8.1.1 Pole Attachments – Where it has ownership or control to do so, Qwest will provide CLEC with access to available Pole Attachment space for the placing of facilities for the purpose of transmitting Telecommunications Services.

10.8.1.1.1 The term Pole Attachment means any attachment by CLEC to a pole owned or controlled by Qwest.

10.8.1.2 Ducts and Conduits – Where it has ownership or control to do so, Qwest will provide CLEC with access to available ducts/conduits for the purpose of placing facilities for transmitting Telecommunications Services. A spare duct/conduit will be leased for copper facilities only, and an innerduct for the purpose of placing fiber. CLEC may place innerduct in an empty duct/conduit. Control of CLEC-installed spare innerduct shall vest in Qwest immediately upon installation; ownership of such innerduct shall vest to Qwest if and when CLEC abandons such innerduct. Within a multiple tenant environment (MTE), duct may traverse building Entrance Facilities, building entrance links, equipment rooms, Remote Terminals, cable vaults, telephone closets or building riser.

10.8.1.2.1 The terms duct and conduit mean a single enclosed raceway for conductors, cable and/or wire. Duct and conduit may be in the ground, may follow streets, bridges, public or private ROW or may be within some portion of a multiple tenant environment. Within a multiple tenant environment, duct and conduit may traverse building entrance facilities, building entrance links, equipment rooms, Remote Terminals, cable vaults, telephone closets or building riser. The terms duct and conduit include riser conduit.

10.8.1.2.2 The term innerduct means a duct-like raceway smaller than a duct/conduit that is inserted into a duct/conduit so that the duct may typically carry three (3) cables.

10.8.1.2.3 The term microduct means a smaller version of innerduct. Four (4) microducts can be placed within a 1¼-inch innerduct.

10.8.1.3 Rights of Way (ROW) – Where it has ownership or control to do so, Qwest will provide to CLEC, via an Access Agreement in the form of Attachment 4 to Exhibit D, access to available ROW for the purpose of placing Telecommunications facilities. ROW includes land or other property owned or controlled by Qwest and may run under, on, above, across, along or through public or private property or enter multiple tenant environments.

10.8.1.3.1 ROW means a real property interest in privately-owned real property, but expressly excluding any public, governmental, federal or Native

American, or other quasi-public or non-private lands, sufficient to permit Qwest to place Telecommunications facilities on such real property; such property owner may permit Qwest to install and maintain facilities under, on, above, across, along or through private property or enter multiple tenant environments. Within a multiple tenant environment, a ROW includes a pathway that is actually used or has been specifically designated for use by Qwest as part of its transmission and distribution network where the boundaries of the pathway are clearly defined either by written specifications or unambiguous physical demarcation.

10.8.1.4 Intentionally Left Blank.

10.8.1.5 The phrase "ownership or control to do so" means the legal right, as a matter of state law, to (i) convey an interest in real or personal property, or (ii) afford access to third parties as may be provided by the landowner to Qwest through express or implied agreements, or through Applicable Law as defined in this Agreement.

10.8.1.6 Poles, Ducts and Rights of Way (PDR) Transfer of Responsibility refers to the transfer of the occupancy of space for either aerial or underground facilities to assuming CLEC from vacating CLEC.

10.8.1.6.1 A PDR Transfer of Responsibility request received by Qwest is irrevocable upon one hundred percent (100%) payment by assuming CLEC of the nonrecurring transfer charge.

## 10.8.2 Terms and Conditions

Qwest shall provide CLEC non-discriminatory access to poles, ducts, conduit and Rights of Way (ROW) on terms and conditions found in the Revised Qwest Rights of Way, Pole Attachment and/or Duct/Innerduct Occupancy General Information Document, attached hereto as Exhibit D. Qwest will not favor itself over CLEC when Provisioning access to poles, ducts, conduits and Rights of Way (ROW). Qwest shall not give itself preference when assigning space.

10.8.2.1 Subject to the provisions of this Agreement, Qwest agrees to issue to CLEC authorization for CLEC to attach, operate, maintain, rearrange, transfer and remove at its sole expense its facilities on poles/duct/innerduct or ROW owned or controlled in whole or in part by Qwest, subject to orders placed by CLEC. Any and all rights granted to CLEC shall be subject to and subordinate to any future local, state and/or federal requirements.

10.8.2.2 Qwest will rely on such codes as the National Electrical Safety Code (NESC) to prescribe standards with respect to capacity, safety, reliability, and general engineering principles.

10.8.2.3 Federal requirements, such as those imposed by Federal Energy Regulatory Commission (FERC) and Occupational Safety and Health Administration (OSHA), will continue to apply to the extent such requirements affect requests for attachments or occupancy to Qwest facilities under Section 224(f)(1) of the Act.

10.8.2.4 CLEC shall provide access to a map of the requested poles/duct/innerduct/ROW route, including estimated distances between major points, the identification and location of the poles/duct/innerduct and ROW and a description of

CLEC's facilities. Qwest agrees to provide to CLEC access to relevant plats, maps, engineering records and other data within ten (10) business days of receiving a request for such information, except in the case of extensive requests. Extensive requests involve the gathering of plats from more than one (1) location, span more than five (5) Wire Centers, or consist of ten (10) or more intra-Wire Center requests submitted simultaneously. Responses to extensive requests will be provided within a reasonable interval, not to exceed forty-five (45) calendar Days.

10.8.2.5 Except as expressly provided herein, or in the Pole Attachment Act of 1934 as amended and its regulations and rules, or in any applicable state or municipal laws, nothing herein shall be construed to compel Qwest to construct, install, modify or place any poles/duct/innerduct or other facility for use by CLEC.

10.8.2.6 Qwest retains the right to determine the availability of space on poles/duct/innerduct, conduit and ROW consistent with 47 USC § 224 and FCC orders, rules and regulations pursuant to 47 USC § 224. In the event Qwest determines that rearrangement of the existing facilities on poles, duct/innerduct/conduit, and ROW is required before CLEC's facilities can be accommodated, the actual cost of such modification will be included in CLEC's nonrecurring charges for the associated order (Make-Ready fee). When modifications to a Qwest spare duct/conduit include the placement of innerduct, Qwest or CLEC will install the number of innerduct required to fill the duct/conduit to its full capacity.

10.8.2.7 Qwest shall make manhole ingress and egress for duct/innerduct access available to CLEC. Qwest will perform a feasibility study to determine whether to provide a stub out via the pre-constructed knock out within the manhole, or to perform a core drill of the manhole.

10.8.2.8 Where such authority does not already exist, CLEC shall be responsible for obtaining the necessary legal authority to occupy ROW, and/or poles/duct/innerduct on governmental, federal, Native American, and private rights of way. CLEC shall obtain any permits, licenses, bonds, or other necessary legal authority and permission, at CLEC's sole expense, in order to perform its obligations under this Agreement. CLEC shall contact all owners of public and private rights-of-way to obtain the permission required to perform the work prior to entering the property or starting any work thereon. See Section 10.8.4. CLEC shall comply with all conditions of rights-of-way and permits. Once such permission is obtained, all such work may be performed by Qwest or CLEC at the option of CLEC.

10.8.2.9 Access to a Qwest Central Office manhole will be permitted where Technically Feasible. If space is available, Qwest will allow access through the Central Office manhole to the POI (Point of Interconnection). There shall be a presumption that there shall be no fiber splices allowed in the Central Office manhole. However, where CLEC can establish the necessity and Technical Feasibility of splicing in the Central Office manhole, such action shall be permitted.

10.8.2.10 Replacement/Modification/Installation - If CLEC requests Qwest to replace or modify existing poles/duct/innerduct to increase its strength or capacity for the sole benefit of CLEC, CLEC shall pay Qwest the total actual replacement cost, Qwest's actual cost to transfer its attachments to new poles/duct/innerduct, as necessary, and the actual cost for removal (including actual cost of destruction) of the replaced

poles/duct/innerduct, if necessary. Ownership of new poles/duct/innerduct shall vest to Qwest.

10.8.2.10.1 Upon request, Qwest shall permit CLEC to install poles/duct/innerduct. Qwest reserves the right to reject any non-conforming replacement pole/duct/innerduct installed by CLEC that does not conform to the NESC, OSHA or local ordinances.

10.8.2.10.2 To the extent that a modification is incurred for the benefit of multiple parties, CLEC shall pay a proportionate share of the total actual cost based on the ratio of the amount of new space occupied by the facilities of CLEC to the total amount of space occupied by all parties including Qwest or its Affiliates participating in the modification. Parties who do not initiate, request or receive additional space from a modification, are not required to share in the cost of the modification. CLEC, Qwest or any other party that uses a modification as an opportunity to bring its facilities into compliance with applicable safety or other requirements will be deemed to be sharing in the modification and will be responsible for its share of the modification cost. Attaching entities will not be responsible for sharing in the cost of governmentally mandated pole or other facility modification. Qwest does not and will not favor itself over other Carriers when Provisioning access to poles, innerduct and rights-of-way.

10.8.2.10.3 The modifying party or parties may recover a proportionate share of the modification costs from parties that later are able to obtain access as a result of the modification. The proportionate share of the subsequent attacher will be reduced to take account of depreciation to the pole or other facility that has occurred since the modification. The modifying party or parties seeking to recover modification costs from parties that later obtain attachments shall be responsible for maintaining all records regarding modification costs. Qwest shall not be responsible for maintaining records regarding modification costs on behalf of attaching entities.

10.8.2.11 Notification of modifications initiated by or on behalf of Qwest and at Qwest's expense shall be provided to CLEC at least sixty (60) calendar Days prior to beginning modifications. Such notification shall include a brief description of the nature and scope of the modification. If CLEC does not respond to a requested rearrangement of its facilities within sixty (60) Days after receipt of written notice from Qwest requesting rearrangement, Qwest may perform or have performed such rearrangement and CLEC shall pay the actual cost thereof. No such notice shall be required in emergency situations or for routine maintenance of poles/duct/innerduct completed at Qwest's expense.

10.8.2.12 Qwest reserves the right to make an on-site/final construction inspection of CLEC's facilities occupying the poles/duct/innerduct system. CLEC shall reimburse Qwest for the actual cost of such inspections except where specified in this Section.

10.8.2.13 When final construction inspection by Qwest has been completed, CLEC shall correct such non-complying conditions within the reasonable period of time specified by Qwest in its written notice. If corrections are not completed within the specified reasonable period, occupancy authorizations for the ROW, poles/duct/innerduct system where non-complying conditions remain uncorrected shall

suspend forthwith, regardless of whether CLEC has energized the facilities occupying said poles/duct/innerduct or ROW system and CLEC shall remove its facilities from said poles/duct/innerduct or ROW in accordance with the provisions of this Section, provided, however, if the corrections physically cannot be made within such specified time, and CLEC has been diligently prosecuting such cure, CLEC shall be granted a reasonable additional time to complete such cure. Qwest may deny further occupancy authorization to CLEC until such non-complying conditions are corrected or until CLEC's facilities are removed from the poles/duct/innerduct system where such non-complying conditions exist. If agreed between both Parties, Qwest shall perform or have performed such corrections and CLEC shall pay Qwest the actual cost of performing such work. Subsequent inspections to determine if appropriate corrective actions have been taken may be made by Qwest.

10.8.2.14 Once CLEC's facilities begin occupying the poles/duct/innerduct or ROW system, Qwest may perform a reasonable number of inspections. Qwest shall bear the cost of such inspections unless the results of the inspection reveal a material violation or hazard, or that CLEC has in any other way failed to comply with the provisions of Section 10.8.2.20; in which case CLEC shall reimburse Qwest the costs of inspections and re-inspections, as required. CLEC's representative may accompany Qwest on such field inspections. The cost of periodic inspection or any special inspections found necessary due to the existence of sub-standard or unauthorized occupancies shall be billed separately.

10.8.2.15 The costs of inspections made during construction and/or the final construction survey and subsequent inspection shall be billed to CLEC upon completion of the inspections.

10.8.2.16 Final construction, subsequent, and periodic inspections or the failure to make such inspections, shall not relieve CLEC of any responsibilities, obligations, or liability assigned under this Agreement.

10.8.2.17 CLEC may use individual workers of its choice to perform any work necessary for the attaching of its facilities so long as such workers have the same qualifications and training as Qwest's workers. CLEC may use any contractor approved by Qwest to perform make-ready work.

10.8.2.18 If Qwest terminates an order for cause, or if CLEC terminates an order without cause, subject to 10.8.4.4.4, CLEC shall pay termination charges equal to the amount of fees and charges remaining on the terminated order(s) and shall remove its facilities from the poles/duct/innerduct within sixty (60) calendar Days, or cause Qwest to remove its facilities from the poles/duct/innerduct at CLEC's expense; provided, however, that CLEC shall be liable for and pay all fees and charges provided for in this Agreement to Qwest until CLEC's facilities are physically removed. "Cause" as used herein shall include CLEC's use of its facilities in material violation of any Applicable Law or in aid of any unlawful act or making an unauthorized modification to Qwest's poles/duct/innerduct, or, in the case of ROW, any act or omission that violates the terms and conditions of either (a) the Access Agreement by which Qwest conveys a right of access to the ROW to CLEC, or (b) the instrument granting the original ROW to Qwest or its predecessor.

10.8.2.19 Qwest may abandon or sell any poles/duct/innerduct/conduit or ROW at

any time by giving written notice to CLEC. Any poles/duct/innerduct/conduit or ROW that is sold, will be sold subject to all existing legal rights of CLEC. Upon abandonment of poles/duct/innerduct/conduit or ROW, and with the concurrence of the other joint user(s), if necessary, CLEC shall, within sixty (60) calendar Days of such notice, either: 1) continue to occupy the poles/duct/innerduct/conduit or ROW pursuant to its existing rights under this Agreement if the poles/duct/innerduct/conduit or ROW is purchased by another party; 2) purchase the poles/duct/innerduct/conduit or ROW from Qwest at the current market value; or 3) remove its facilities therefrom. Failure to explicitly elect one of the foregoing options within sixty (60) calendar Days shall be deemed an election to purchase the poles/duct/innerduct/conduit or ROW at the current market value if no other party purchased the poles/duct/innerduct/conduit or ROW within this sixty (60) Day period.

10.8.2.20 CLEC's facilities shall be placed and maintained in accordance with the requirements and specifications of the current applicable standards of Telcordia Manual of Construction Standards, the National Electrical Code, the National Electrical Safety Code, and the rules and regulations of the Occupational Safety and Health Act, all of which are incorporated by reference, and any governing authority having jurisdiction. Where a difference in specifications exists, the more stringent shall apply. Notwithstanding the foregoing, CLEC shall only be held to such standard as Qwest, its Affiliates or any other Telecommunications Carrier is held. Failure to maintain facilities in accordance with the above requirements or failure to correct as provided in Section 10.8.2.13 shall be cause for termination of the order. CLEC shall in a timely manner comply with all requests from Qwest to bring its facilities into compliance with these terms and conditions.

10.8.2.21 Should Qwest under the provisions of this Agreement remove CLEC's facilities from the poles/duct/innerduct covered by any order, Qwest will deliver the facilities removed upon payment by CLEC of the cost of removal, storage and delivery, and all other amounts due Qwest. If CLEC removes facilities from poles/duct/innerduct for other than repair or maintenance purposes, no replacement on the poles/duct/innerduct shall be made until all outstanding charges due Qwest for previous occupancy have been paid in full. CLEC shall advise Qwest in writing as to the date on which the removal of facilities from the poles/duct/innerduct has been completed.

10.8.2.23 No act or failure to act by Qwest with regard to an unauthorized occupancy shall be deemed as the authorization of the occupancy. Any subsequently issued authorization shall not operate retroactively or constitute a waiver by Qwest of any of its rights or privileges under this Agreement or otherwise. CLEC shall be subject to all liabilities of the Agreement in regard to said unauthorized occupancy from its inception.

10.8.2.24 Qwest will provide CLEC non-discriminatory access to poles/ducts/innerducts/conduits and ROW pursuant to 47 USC § 224 and FCC orders, rules and regulations pursuant to 47 USC § 224. In the event of a conflict between this Agreement, on one hand, and 47 USC § 224 and FCC orders, rules and regulations pursuant to 47 USC § 224, on the other, 47 USC § 224 and FCC orders, rules and regulations pursuant to 47 USC § 224 shall govern. Further, in the event of a conflict between Exhibit D, on one hand, and this Agreement or 47 USC § 224 and FCC orders, rules and regulations pursuant to 47 USC § 224, on the other, this Agreement or 47 USC § 224 and FCC orders, rules and regulations pursuant to 47 USC § 224 shall govern,

provided however, that any Access Agreement that has been duly executed, acknowledged and recorded in the real property records for the county in which the ROW is located shall govern in any event pursuant to its terms.

10.8.2.25 Nothing in this Agreement shall require Qwest to exercise eminent domain on behalf of CLEC.

10.8.2.26 Qwest will not enter into ROW agreements for the provision of Telecommunications Services, including agreements relating to ROW within multiple tenant environments, that preclude CLEC from using ROW over which Qwest has ownership or control. Upon CLEC request, Qwest will certify to a landowner with whom Qwest has an ROW agreement, the following:

10.8.2.26.1 that the ROW agreement with Qwest does not preclude the landowner from entering into a separate ROW agreement with CLEC; and

10.8.2.26.2 that there will be no penalty under the agreement between the landowner and Qwest if the landowner enters into a ROW agreement with CLEC.

10.8.2.27 For purposes of permitting CLEC to determine whether Qwest has ownership or control over duct/conduit or ROW, including duct/conduit or ROW within a specific multiple tenant environment, if CLEC requests a copy of an agreement between Qwest and the owner of a duct/conduit or ROW, including duct/conduit or ROW within a specific multiple tenant environment, that grants Qwest access to, ownership of, or control of duct/conduit or ROW within a specific multiple tenant environment, Qwest will provide the agreement to CLEC pursuant to the terms of this Section. CLEC will submit a completed Attachment 1.A from Exhibit D that identifies a specific multiple tenant environment or route for each agreement.

10.8.2.27.1 Upon receipt of a completed Attachment 1.A, Qwest will prepare and return an MTE matrix or ROW matrix, as applicable, within ten (10) Days, which will identify (a) the owner of the duct/conduit or ROW or multiple tenant environment as reflected in Qwest's records, and (b) whether or not Qwest has a copy of an agreement that provides Qwest access to duct/conduit or ROW or multiple tenant environment in its possession. Qwest makes no representations or warranties regarding the accuracy of its records, and CLEC acknowledges that the original property owner may not be the current owner of the property.

10.8.2.27.2 Intentionally Left Blank.

10.8.2.28 In cities where Qwest has deployed microduct technology but no vacant microduct is available on the specified route, CLEC may request Qwest to place microduct along the desired route or CLEC can choose to place microduct that must meet Qwest specifications.

10.8.2.29 In cities where Qwest has not deployed microduct and CLEC wishes to use this technology, CLEC must lease an innerduct. In these locations CLEC will be required to furnish and place the microduct. At the conclusion of the lease, CLEC and Qwest will make a joint decision whether or not CLEC will be required to remove CLEC's microduct from the innerduct.



10.8.2.30 If any microduct is found occupying facilities for which no order is in effect, Qwest, without prejudice to its other rights or remedies, may assess a charge and CLEC agrees to pay the lesser of (a) the annual fee per microduct run between two (2) manholes for the number of years since the most recent inventory, or (b) five (5) times the annual fee per microduct run between two (2) manholes.

10.8.2.30.1 In addition, CLEC agrees to pay (a) interest on these fees at a rate set for the applicable time period by the Internal Revenue Service for individual underpayments pursuant to Section 6621 of the Internal Revenue Service Code (25 U.S.C 6621, Rev. Rul. 2000-30, 2000-25 IRS 1262), and (b) the cost of any audit required to identify unauthorized CLEC occupancy.

10.8.2.30.2 Qwest shall waive half the unauthorized occupancy fee if the following conditions are met:

10.8.2.30.2.1 CLEC cures such unauthorized occupancy by removing it or submitting a valid order for the attachment within thirty (30) days of written notification from Qwest.

10.8.2.30.2.2 The unauthorized occupancy did not require Qwest to take curative measures (e.g., pulling additional microduct) prior to cure by CLEC.

10.8.2.30.2.3 CLEC reimburses Qwest for cost of audit, or portion thereof, which discovered the unauthorized occupancy. Qwest shall also waive the unauthorized occupancy fee if the unauthorized occupancy arose due to error by Qwest rather than CLEC. CLEC is required to submit in writing, within ten (10) business days after receipt of written notification from Qwest of the unauthorized occupancy, a Poles/Duct/Innerduct/Microduct Application. If such application is not received by Qwest within the specified time period, CLEC will be required to remove its unauthorized facility within thirty (30) calendar Days of the final date for submitting the required application, or Qwest may remove CLEC's facilities without liability, and the cost of such removal shall be borne by CLEC.

10.8.2.31 To be eligible for PDR Transfer of Responsibility of the occupancy of space for poles or conduit, vacating CLEC must have a valid Agreement in place for those facilities specified for transfer.

10.8.2.31.1 The assuming CLEC is required to have an Agreement with Qwest that includes all elements involved in the transfer.

10.8.2.31.2 The Agreement referenced in the PDR Transfer of Responsibility request will be transferred either in its entirety or portion thereof as specified in the PDR Transfer of Responsibility Application Form and Transfer Authorization Agreement.

10.8.2.31.3 The PDR Transfer of Responsibility includes changing the following Qwest items: Customer name, Access Carrier Name Abbreviation (ACNA), Master Customer Number (MCN), customer address, telephone

number, billing and contact information, and contact telephone number. The eight (8) character CLEC CLLI™ code will remain the same.

10.8.2.31.4 If vacating CLEC has filed for bankruptcy, assuming CLEC must comply with 11 U.S.C. Section 365.2.6l, the negotiation of the terms and conditions between vacating CLEC and assuming CLEC is the responsibility of those two parties. Qwest does not participate in these discussions. Qwest manages the database and records the transfer.

10.8.2.31.5 Qwest is not responsible for the physical condition of CLEC's facilities.

10.8.2.31.6 Prior to submission of a PDR Transfer of Responsibility request, all work in progress must be negotiated between vacating and assuming CLEC.

10.8.2.31.7 Prior to submitting a Transfer of Responsibility request, assuming CLEC's financial obligations to Qwest must be in good standing. If vacating CLEC is unable to meet its financial obligations, assuming CLEC will be required to assume the financial obligations of vacating CLEC.

10.8.2.31.8 Vacating and assuming CLEC must provide Qwest a signed Qwest PDR Transfer Authorization Agreement providing the following information: All Qwest Central Office Service Areas that may apply, PDR Billing Authorization Numbers (BAN), requested completion date (not binding), and state specific charge for the transfer as indicated in Exhibit A.

10.8.2.31.9 Once the transfer request is accepted, Qwest will submit the signed PDR Transfer of Responsibility Request Consent Form to vacating and assuming CLECs and the transfer will be completed.

### 10.8.3 Rate Elements

Qwest fees for attachments are in accordance with Section 224 of the Act and FCC orders, rules and regulations promulgated thereunder, as well as the rates established by the Commission including the following rates, are reflected in Exhibit A.

10.8.3.1 Inquiry Fee. A non-refundable pre-paid charge used to recover the costs associated with performing an internal record review to determine if a requested route and/or facility is available, or with respect to ROW, to determine the information necessary to create the MTE matrix or ROW matrix, as applicable, which identifies, for each ROW, the name of the original grantor and the nature of the ROW (i.e., publicly recorded and non-recorded) and the MTE matrix or ROW matrix, as applicable, which identifies each requested legal agreement between Qwest and a third party who has a multiple tenant environment in Qwest's possession that relates to Telecommunications Services provided to or through real property owned by the third party (MTE Agreement) and, for each such MTE Agreement, the name of the third party. Separate Inquiry Fees apply for ROW, poles and duct/conduit/innerduct.

10.8.3.2 Field Verification Fee/Access Agreement Preparation Fee. In the case of poles and duct/innerduct, the Field Verification Fee is a non-refundable pre-paid charge which recovers the estimated actual costs for a field survey verification required for a

route and to determine scope of any required make-ready work. Separate Field Verification Fees apply for poles and manholes. In the case of ROW, the Access Agreement Preparation Fee is a non-refundable, pre-paid charge which recovers the estimated actual costs for preparation of the Access Agreement for each ROW requested by CLEC. Field Verification and Access Agreement Preparation Fees shall be billed in advance.

10.8.3.3 Make-Ready Fee. A pre-paid non-refundable (other than true-up) charge which recovers the cost of necessary work required to make the requested facility/ROW available for access. For innerduct, this could include, but is not limited to, the placing of innerduct in conduit/duct systems or core drilling of manholes. For Pole Attachment requests, this could include, but is not limited to, the replacement of poles to meet required clearances over roads or land. For ROW, this make-ready could include, but is not limited to, personnel time, including attorney time. With respect to ROW, make-ready work refers to legal or other investigation or analysis arising out of CLEC's failure to comply with the process described in Exhibit D for ROW, or other circumstances giving rise to such work beyond the simple preparation of one or more Access Agreements. The estimated pre-paid fee shall be billed in advance.

10.8.3.4 Pole Attachment Fee. A pre-paid fee which is charged for the occupancy, including during any make-ready period, of one (1) foot of pole space (except for antenna attachment which requires two (2) feet). This fee shall be annual unless CLEC requests that it be semi-annual.

10.8.3.5 Innerduct Occupancy Fee. A pre-paid fee which is charged for the occupancy, including during any make-ready period, of an innerduct on a per foot basis. This fee shall be annual unless CLEC requests that it be semi-annual.

10.8.3.6 Access Agreement Consideration. A pre-paid fee which constitutes consideration for conveying access to the ROW to CLEC. This fee shall be a one-time (i.e. nonrecurring) fee.

10.8.3.7 Microduct Occupancy Fee. A pre-paid fee which is charged for the occupancy, including during any make-ready period, and billed annually per microduct, per foot.

10.8.3.8 PDR Transfer of Responsibility. Vacating CLEC will not incur charges for a transfer of responsibility agreement. A PDR Transfer of Responsibility charge for assuming CLEC will be a nonrecurring charge associated with the transfer of the agreement.

#### **10.8.4 Ordering**

There are two (2) steps required before placing an order for access to ROW, duct/innerduct and Pole Attachment: Inquiry Review and Field Verification.

10.8.4.1 Inquiry Reviews. Upon receipt of an inquiry regarding ROW access, Pole Attachment or duct/innerduct occupancy, Qwest will provide CLEC with Exhibit D. CLEC will review the documents and provide Qwest with maps of the desired area indicating the routes and entrance points for proposed attachment, proposed occupancy or proposed CLEC construction on Qwest owned or controlled poles, duct/innerduct and

ROW as well as the street addresses of any multiple tenant environments upon or through which CLEC proposes construction on ROW owned or controlled by Qwest. CLEC will include the appropriate inquiry fee with a completed Attachment 1.A from Exhibit D.

10.8.4.1.1 Inquiry Review – Duct/Conduit/Innerduct. Qwest will complete the database inquiry and prepare a duct/conduit structure diagram (referred to as a "Flatline") which shows distances and access points (such as manholes). Along with the Flatline will be estimated costs for field verification of available facilities. These materials will be provided to CLEC within ten (10) calendar Days or within the time frames of the applicable federal or state law, rule or regulation.

10.8.4.1.2 Inquiry Review – Poles. Qwest will provide the name and contact number for the appropriate local field engineer for joint validation of the poles and route and estimated costs for field verification on Attachment 1.B of Exhibit D within ten (10) calendar Days of the request.

10.8.4.1.3 Inquiry Review – ROW. Qwest shall, upon request of CLEC, provide the ROW matrix, the MTE matrix and a copy of all publicly recorded agreements listed in those matrices to CLEC within ten (10) Days of the request. Qwest will provide to CLEC a copy of agreements listed in the matrices that have not been publicly recorded if CLEC obtains authorization for such disclosure from the third party owner(s) of the real property at issue by an executed version of the Consent to Disclosure form, which is included in Exhibit D, Attachment 4. Qwest may redact all dollar figures from copies of agreements listed in the matrices that have not been publicly recorded that Qwest provides to CLEC. Any dispute over whether terms have been redacted appropriately shall be resolved pursuant to the Dispute Resolution procedures set forth in this Agreement. Alternatively, in order to secure any agreement that has not been publicly recorded, CLEC may provide a legally binding and satisfactory agreement to indemnify Qwest in the event of any legal action arising out of Qwest's provision of such agreement to CLEC. In that event, CLEC shall not be required to provide an executed Consent to Disclosure form. Qwest makes no warranties concerning the accuracy of the information provided to CLEC; CLEC expressly acknowledges that Qwest's files contain only the original ROW instruments, and that the current owner(s) of the fee estate may not be the party identified in the document provided by Qwest.

10.8.4.2 Field Verification – Poles Duct/Innerduct and Access Agreement Preparation (ROW). CLEC will review the inquiry results and determine whether to proceed with field verification for poles/ducts or Access Agreement preparation for ROW. If field verification or Access Agreement preparation is desired, CLEC will sign and return Attachment 1.B of Exhibit D along with a check for the relevant verification fee (Field Verification Fee or Access Agreement Preparation Fee) plus \$10.00 per Access Agreement as consideration for the Access Agreement. Upon payment of the relevant fee and Access Agreement consideration, if applicable, Qwest will provide, as applicable, depending on whether the request is for poles, duct/innerduct/conduit, or ROW: (a) in the case of duct/innerduct/conduit, a field survey and site investigation of the duct/innerduct/conduit, including the preparation of distances and drawings, to determine availability of existing duct/innerduct/conduit; identification of make-ready costs required to provide space; the schedule in which the make-ready work will be

completed; and, the annual recurring prices associated with the attachment of facilities; (b) in the case of ROW, the completed Access Agreement(s), executed and acknowledged by Qwest. Upon completion of the Access Agreement(s) by CLEC, in accordance with the instructions, terms and conditions set forth in Exhibit D, the Access Agreement becomes effective to convey the interest identified in the Access Agreement (if any). Any dispute regarding whether a legal agreement conveys a ROW shall be resolved between CLEC and the relevant third party or parties, and such disputes shall not involve Qwest; and/or (c) in the case of poles, estimates of make-ready costs and the annual recurring prices associated with the attachment of facilities shall be as provided in Exhibit A. The verification of (a), (b), and (c), above, shall be completed by Qwest not later than forty-five (45) calendar Days after CLEC's submission of the inquiry request. Make-ready time, if any, and CLEC review time is not part of the forty-five (45) Day interval. The Attachment 2 quotation shall be valid for ninety (90) calendar Days.

10.8.4.2.1 CLEC-Performed Field Verification. At the option of CLEC, it may perform its own field verification (in lieu of Qwest performing same) with the following stipulations: 1) Verifications will be conducted by a Qwest approved contractor; 2) A Qwest contractor will monitor the activity of CLEC contractor and a current labor rate will be charged to CLEC; 3) CLEC will provide Qwest with a legible copy of manhole butterfly drawings that reflect necessary make-ready effort; and 4) Qwest will use CLEC-provided butterfly drawings and documentation to check against existing jobs and provide a final field report of available duct/innerduct. CLEC will be charged standard rates for tactical planner time.

10.8.4.3 Order – Poles and Duct/Innerduct. The review, signing and return of Attachment 2 of the General Information Document along with payment of the Make-Ready and prorated recurring access charges for the current relevant period (annual or semi-annual) shall be accepted as an order for the attachment or occupancy. Upon receipt of the accepted order from CLEC and applicable payment for the fees identified, Qwest will assign the requested space and commence any make-ready work which may be required. Qwest will notify CLEC when poles/duct/innerduct are ready.

10.8.4.4 Make-Ready - Estimates of Make-Ready are used to cover actual Make-Ready costs.

10.8.4.4.1 If Qwest requests, CLEC will be responsible for payment of the actual Make-Ready costs determined if such costs exceed the estimate. Such payment shall be made within thirty (30) Days of receipt of an invoice for the costs that exceed the estimate.

10.8.4.4.2 Within fifteen (15) business days of a request, Qwest will provide CLEC copies of records reflecting actual cost of Make-Ready work; provided, however, that, if Qwest does not possess all such records at the time of the request, then Qwest will provide copies of such records within fifteen (15) business days of receipt of such records. CLEC must request such records, if at all, within sixty (60) calendar Days after written notification of the completion of the Make-Ready work.

10.8.4.4.3 If the actual Make-Ready costs are less than the estimate, an appropriate credit for the difference will be issued upon request. Such request

must be received within sixty (60) calendar Days following CLEC's receipt of copies of records if CLEC has requested records under this paragraph, or within sixty (60) calendar Days after written notification of the completion of Make-Ready work if CLEC has not requested records under this paragraph. Such credit will issue within ten (10) business days of Qwest's receipt of either all records related to such actual costs or CLEC's request for credit, whichever comes last, but in no event later than ninety (90) calendar Days following the request for credit.

10.8.4.4.4 If CLEC cancels or if, due to circumstances unforeseen during inquiry/verification, Qwest denies the request for poles, ducts or ROW, upon CLEC request, Qwest will also refund the difference between the actual Make-Ready costs incurred and those prepaid by CLEC, if any. Such request must be made within thirty (30) calendar Days of CLEC's receipt of written denial or notification of cancellation. Any such refund shall be made within ten (10) business days of either receipt of CLEC's request or Qwest's receipt of all records relating to the actual costs, whichever comes last, but in no event later than ninety (90) calendar Days following the denial.

10.8.4.5 The PDR Transfer of Responsibility process requires the submission of the DPR Transfer of Responsibility Application Form containing information for both the vacating and assuming CLECs, a signed Qwest PDR Transfer Authorization Agreement, and full payment of the quoted PDR Transfer of Responsibility charge.

10.8.4.5.1 The PDR Transfer of Responsibility Application Form and Transfer Authorization Agreement are on Qwest's web site at: <http://www.qwest.com/wholesale/pcat/poleductrow.html>.

10.8.4.5.2 The PDR Transfer of Responsibility Application Form and an electronic version of the Transfer Authorization Agreement with "Agreed" entered in the designated signature blocks (this will act as your electronic signature) must be submitted to [wstt@qwest.com](mailto:wstt@qwest.com).

10.8.4.5.3 The printed and signed PDR Transfer Authorization Agreement and full payment is to be mailed to: Resource Allocation, 700 W. Mineral MT-G28.24, Littleton CO 80120.

## 10.8.5 Billing

10.8.5.1 CLEC agrees to pay the following fees in advance as specified in Exhibit A: Inquiry Fee, Field Verification Fee, Access Agreement Preparation Fee, Make-Ready Fee, Pole Attachment Fee, Duct/Innerduct Occupancy Fee and Access Agreement Consideration. Make-Ready Fees will be computed in compliance with applicable local, state and federal guidelines. Usage fees for poles/duct/innerduct (i.e., Pole Attachment Fee and Duct/Innerduct Occupancy Fee) will be assessed on an annual basis (unless CLEC requests a semi-annual basis). Annual usage fees for poles/duct/innerduct will be assessed as of January 1 of each year. Semi-annual usage fees for poles/duct/innerduct will be assessed as of January 1 and July 1 of each year. All fees shall be paid within thirty (30) Days following receipt of invoices. All fees are not refundable except as expressly provided herein.

10.8.5.2 Vacating CLEC is obligated to pay all recurring charges until Qwest completes the PDR Transfer of Responsibility request. Once the transfer is complete, the effective date to cease recurring billing will coincide with the same date recurring billing starts for assuming CLEC.

#### **10.8.6 Maintenance and Repair**

In the event of any service outage affecting both Qwest and CLEC, repairs shall be effectuated on a non-discriminatory basis as established by local, state or federal requirements. Where such requirements do not exist, repairs shall be made in the following order: electrical, telephone (EAS/local), telephone (long distance), and cable television, or as mutually agreed to by the users of the affected poles/duct/innerduct.

## Section 11.0 - NETWORK SECURITY

11.1 Protection of Service and Property. Each Party shall exercise the same degree of care to prevent harm or damage to the other Party and any third parties, its employees, agents or End User Customers, or their property as it employs to protect its own personnel, End User Customers and property, etc.

11.2 Each Party is responsible to provide security and privacy of communications. This entails protecting the confidential nature of Telecommunications transmissions between End User Customers during technician work operations and at all times. Specifically, no employee, agent or representative shall monitor any circuits except as required to repair or provide service of any End User Customer at any time. Nor shall an employee, agent or representative disclose the nature of overheard conversations, or who participated in such communications or even that such communication has taken place. Violation of such security may entail state and federal criminal penalties, as well as civil penalties. CLEC is responsible for covering its employees on such security requirements and penalties.

11.3 The Parties' Telecommunications networks are part of the national security network, and as such, are protected by federal law. Deliberate sabotage or disablement of any portion of the underlying equipment used to provide the network is a violation of federal statutes with severe penalties, especially in times of national emergency or state of war. The Parties are responsible for covering their employees on such security requirements and penalties.

11.4 Qwest and CLEC share responsibility for security and network protection for each Collocation arrangement. Each Party's employees, agents or representatives must secure its own portable test equipment, spares, etc. and shall not use the test equipment or spares of other parties. Use of such test equipment or spares without written permission constitutes theft and may be prosecuted. Exceptions are the use of Qwest ladders in the Wire Center, either rolling or track, which CLEC may use in the course of work operations. Qwest assumes no liability to CLEC, its agents, employees or representatives, if CLEC uses a Qwest ladder available in the Wire Center.

11.5 Each Party is responsible for the physical security of its employees, agents or representatives. Providing safety glasses, gloves, etc. must be done by the respective employing Party. Hazards handling and safety procedures relative to the Telecommunications environment is the training responsibility of the employing Party. Proper use of tools, ladders, and test gear is the training responsibility of the employing Party.

11.6 In the event that one Party's employees, agents or representatives inadvertently damage or impair the equipment of the other Party, prompt notification will be given to the damaged Party by verbal notification between the Parties' technicians at the site or by telephone to each Party's 24 x 7 security numbers.

11.7 Each Party shall comply at all times with Qwest security and safety procedures and requirements while performing work activities on Qwest's Premises.

11.8 Qwest will allow CLEC to inspect or observe spaces which house or contain CLEC equipment or equipment enclosures at any time and to furnish CLEC with all keys, entry codes, lock combinations, or other materials or information which may be needed to gain entry into any secured CLEC space, in a manner consistent with that used by Qwest.



11.9 Qwest will limit the keys used in its keying systems for enclosed collocated spaces which contain or house CLEC equipment or equipment enclosures to its employees and representatives to emergency access only. CLEC shall further have the right to change locks where deemed necessary for the protection and security of such spaces.

11.10 Keys may entail either metallic keys or combination electronic ID/key cards. It is solely the responsibility of CLEC to ensure keys are not shared with unauthorized personnel and recover keys and electronic ID/keys promptly from discharged personnel, such that office security is always maintained. Qwest has similar responsibility for its employees.

11.11 CLEC will train its employees, agents and vendors on Qwest security policies and guidelines.

11.12 When working on Qwest ICDF Frames or in Qwest's common or CLEC equipment line-ups, Qwest and CLEC employees, agents and vendors agree to adhere to Qwest quality and performance standards provided by Qwest and as specified in this Agreement.

11.13 CLEC shall report all material losses to Qwest Security. All security incidents are to be referred directly to local Qwest Security – 1-888-879-7328. In cases of emergency, CLEC shall call 911 and 1-888-879-7328.

11.14 Qwest and CLEC employees, agents and vendors will display the identification/access card above the waist and visible at all times.

11.15 Qwest and CLEC shall ensure adherence by their employees, agents and vendors to all applicable Qwest environmental health and safety regulations. This includes all fire/life safety matters, OSHA, EPA, Federal, State and local regulations, including evacuation plans and indoor air quality.

11.16 Qwest and CLEC employees, agents and vendors will secure and lock all doors and gates.

11.17 CLEC will report to Qwest all property and equipment losses immediately, any lost cards or keys, vandalism, unsecured conditions, security violations, anyone who is unauthorized to be in the work area or is not wearing the Qwest identification/access card.

11.18 Qwest and CLEC's employees, agents and vendors shall comply with Qwest Central Office fire and safety regulations, which include but are not limited to, wearing safety glasses in designated areas, keeping doors and aisles free and clean of trip hazards such as wire, checking ladders before moving, not leaving test equipment or tools on rolling ladders, not blocking doors open, providing safety straps and cones in installation areas, using electrostatic discharge protection, and exercising good housekeeping.

11.19 Smoking is not allowed in Qwest buildings, Wire Centers, or other Qwest facilities. No open flames shall be permitted anywhere within the buildings, Wire Centers or other facilities. Failure to abide by this restriction may result in denial of access for that individual and may constitute a violation of the access rules, subjecting CLEC employee, agent or vendor to denial of unescorted access. Qwest shall provide written notice within five (5) calendar Days of CLEC violation of this provision to CLEC prior to denial of access and such notice shall include: 1) identification of the violation of this provision and the personnel involved,

2) identification of the safety regulation violated, and 3) date and location of such violation. CLEC will have five (5) calendar Days to remedy any such violation for which it has received notice from Qwest. In the event that CLEC fails to remedy any such violation of which it has received notice within such five (5) calendar Days following receipt of such notice, CLEC shall be denied unescorted access to the affected Premises. In the event CLEC disputes any action Qwest seeks to take or has taken pursuant to this provision, CLEC may pursue immediate resolution by expedited Dispute Resolution.

11.20 No flammable or explosive fluids or materials are to be kept or used anywhere within the Qwest buildings or on the grounds.

11.21 No weapons of any type are allowed on Qwest Premises. Vehicles on Qwest property are subject to this restriction as well.

11.22 Except as otherwise provided in this Agreement, CLEC's employees, agents or vendors may not make any modifications, alterations, additions or repairs to any space within the building or on the grounds, provided, however, nothing in Section 11 shall prevent CLEC, its employees or agents from performing modifications, alterations, additions or repairs to its own equipment or facilities.

11.23 Qwest employees may request CLEC's employees, agents or vendors to stop any work activity that in their reasonable judgment is a jeopardy to personal safety or poses a potential for damage to the Qwest Premises, Qwest equipment or Qwest services within the facility until the situation is remedied. CLEC employees may report any work activity that in their reasonable judgment is a jeopardy to personal safety or poses a potential for damage to the building, CLEC equipment or CLEC services within the facility, to Qwest Service Assurance (800-713-3666) and the reported work activity will be immediately stopped until the situation is remedied. In the event such non-compliant activity occurs in a Qwest Central Office, notification of the non-compliant activity may be made to the Central Office supervisor, and the Central Office supervisor shall immediately stop the reported work activity until the situation is remedied. The compliant Party shall provide immediate notice of the non-compliant work activity to the non-compliant Party and such notice shall include: 1) identification of the non-compliant work activity, 2) identification of the safety regulation violated, and 3) date and location of safety violation. If such non-compliant work activities pose an immediate threat to the safety of the other Party's employees, interference with the performance of the other Party's service obligations, or pose an immediate threat to the physical integrity of the other Party's facilities, the compliant Party may perform such work and/or take action as is necessary to correct the condition at the non-compliant Party's expense. In the event the non-compliant Party disputes any action the compliant Party seeks to take or has taken pursuant to this provision, the non-compliant Party may pursue immediate resolution by expedited Dispute Resolution. If the non-compliant Party fails to correct any safety non-compliance within ten (10) calendar Days of written notice of non-compliance, or if such non-compliance cannot be corrected within ten (10) calendar Days of written notice of non-compliance, and if the non-compliant Party fails to take all appropriate steps to correct as soon as reasonably possible, the compliant Party may pursue immediate resolution by expedited Dispute Resolution.

11.24 Qwest is not liable for any damage, theft or personal injury resulting from CLEC's employees, agents or vendors parking in a Qwest parking area.

11.25 CLEC's employees, agents or vendors outside the designated CLEC access area, or without proper identification may be asked to vacate the Premises and Qwest security

may be notified. Continued violations may result in termination of access privileges. Qwest shall provide immediate notice of the security violation to CLEC and such notice shall include: 1) identification of the security violation, 2) identification of the security regulation violated, and 3) date and location of security violation. CLEC will have five (5) calendar Days to remedy any such alleged security violation before any termination of access privileges for such individual. In the event CLEC disputes any action Qwest seeks to take or has taken pursuant to this provision, CLEC may pursue immediate resolution by expedited or other Dispute Resolution.

11.26 Building related problems may be referred to the Qwest Work Environment Centers:

800-879-3499 (CO, WY, AZ, NM)

800-201-7033 (all other Qwest states)

11.27 CLEC will submit a Qwest Collocation Access Application form for individuals needing to access Qwest facilities. CLEC and Qwest will meet to review applications and security requirements.

11.28 CLEC employees, agents and vendors will utilize only corridors, stairways and elevators that provide direct access to CLEC's space or the nearest restroom facility. Such access will be covered in orientation meetings. Access shall not be permitted to any other portions of the building.

11.29 CLEC will collect identification/access cards for any employees, agents or vendors no longer working on behalf of CLEC and forward them to Qwest Security. If cards or keys cannot be collected, CLEC will immediately notify Qwest at 800-210-8169.

11.30 CLEC will assist Qwest in validation and verification of identification of its employees, agents and vendors by providing a telephone contact available seven (7) Days a week, twenty-four (24) hours a Day.

11.31 Qwest and CLEC employees, agents and vendors will notify Qwest Service Assurance (800-713-3666) prior to gaining access into a Central Office after hours, for the purpose of disabling Central Office alarms for CLEC access. Normal business hours are 7:00 a.m. to 5:00 p.m.

11.32 CLEC will notify Qwest if CLEC has information that its employee, agent or vendor poses a safety and/or security risk. Qwest may deny access to anyone who in the reasonable judgment of Qwest threatens the safety or security of facilities or personnel.

11.33 CLEC will supply to Qwest Security, and keep up to date, a list of its employees, agents and vendors who require access to CLEC's space. The list will include names and social security numbers. Names of employees, agents or vendors to be added to the list will be provided to Qwest Security, who will provide it to the appropriate Qwest personnel.

11.34 Revenue Protection. Qwest shall make available to CLEC all present and future fraud prevention or revenue protection features. These features include, but are not limited to, screening codes, 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 and 500 numbers. Qwest shall additionally provide partitioned access to fraud

prevention, detection and control functionality within pertinent Operations Support Systems which include but are not limited to LIDB Fraud monitoring systems.

11.34.1 Uncollectable or unbillable revenues resulting from, but not confined to, Provisioning, maintenance, or signal network routing errors shall be the responsibility of the Party causing such error or malicious acts, if such malicious acts could have reasonably been avoided.

11.34.2 Uncollectible or unbillable revenues resulting from the accidental or malicious alteration of software underlying Network Elements or their subtending Operational Support Systems by unauthorized third parties that could have reasonably been avoided shall be the responsibility of the Party having administrative control of access to said Network Element or operational support system software.

11.34.3 Qwest shall be responsible for any direct uncollectible or unbillable revenues resulting from the unauthorized physical attachment to Loop facilities from the Main Distribution Frame up to and including the Network Interface Device, including clip-on fraud, if Qwest could have reasonably prevented such fraud.

11.34.4 To the extent that incremental costs are directly attributable to a revenue protection capability requested by CLEC, those costs will be borne by CLEC.

11.34.5 To the extent that either Party is liable to any toll provider for fraud and to the extent that either Party could have reasonably prevented such fraud, the Party who could have reasonably prevented such fraud must indemnify the other for any fraud due to compromise of its network (e.g., clip-on, missing information digits, missing toll restriction, etc.).

11.34.6 If Qwest becomes aware of potential fraud with respect to CLEC's accounts, Qwest will promptly inform CLEC and, at the direction of CLEC, take reasonable action to mitigate the fraud where such action is possible.

11.35 Law Enforcement Interface. Qwest provides emergency assistance to 911 centers and law enforcement agencies seven (7) Days a week/twenty-four (24) hours a Day. Assistance includes, but is not limited to, release of 911 trace and subscriber information; in-progress trace requests; establishing emergency trace equipment, release of information from an emergency trap/trace or \*57 trace; requests for emergency subscriber information; assistance to law enforcement agencies in hostage/barricade situations, kidnappings, bomb threats, extortion/scams, runaways and life threats.

11.36 Qwest provides trap/trace, pen register and Title III assistance directly to law enforcement, if such assistance is directed by a court order. This service is provided during normal business hours, Monday through Friday. Exceptions are addressed in the above paragraph. The charges for these services will be billed directly to the law enforcement agency, without involvement of CLEC, for any lines served from Qwest Wire Centers or cross boxes.

11.37 In all cases involving telephone lines served from Qwest Wire Centers or cross boxes, whether the line is a resold line or Unbundled Loop element, Qwest will perform trap/trace Title III and pen register assistance directly with law enforcement. CLEC will not be involved or notified of such actions, due to non-disclosure court order considerations, as well as timely response duties when law enforcement agencies are involved. Exceptions to the above

will be those cases, as yet undetermined, where CLEC must participate due to technical reasons wherein its circuitry must be accessed or modified to comply with law enforcement, or for legal reasons that may evolve over time. CLEC will provide Qwest with a twenty-four (24) hours a Day, seven (7) Days a week contact for processing such requests, should they occur.

## **Section 12.0 - ACCESS TO OPERATIONAL SUPPORT SYSTEMS (OSS)**

### **12.1 Description**

12.1.1 Qwest has developed and shall continue to provide Operational Support System (OSS) interfaces using electronic gateways and manual processes. These gateways act as a mediation or control point between CLEC's and Qwest's OSS. These gateways provide security for the interfaces, protecting the integrity of the Qwest OSS and databases. Qwest's OSS interfaces have been developed to support Pre-ordering, Ordering and Provisioning, Maintenance and Repair and Billing. This section describes the interfaces and manual processes that Qwest has developed and shall provide to CLEC. Additional technical information and details shall be provided by Qwest in training sessions and documentation and support, such as the "Interconnect Mediated Access User's Guide." Qwest will continue to make improvements to the electronic interfaces as technology evolves, Qwest's legacy systems improve, or CLEC needs require. Qwest shall provide notification to CLEC consistent with the provisions of the Change Management Process (CMP) set forth in Section 12.2.6.

12.1.2 Through its electronic gateways and manual processes, Qwest shall provide CLEC non-discriminatory access to Qwest's OSS for Pre-ordering, Ordering and Provisioning, Maintenance and Repair, and Billing functions. For those functions with a retail analogue, such as pre-ordering and ordering and Provisioning of resold services, Qwest shall provide CLEC access to its OSS in substantially the same time and manner as it provides to itself. For those functions with no retail analogue, such as pre-ordering and ordering and Provisioning of Unbundled Elements, Qwest shall provide CLEC access to Qwest's OSS sufficient to allow an efficient competitor a meaningful opportunity to compete. Qwest will comply with the standards for access to OSS set forth in Section 20. Qwest shall deploy the necessary systems and personnel to provide sufficient access to each of the necessary OSS functions. Qwest shall provide assistance for CLEC to understand how to implement and use all of the available OSS functions. Qwest shall provide CLEC sufficient electronic and manual interfaces to allow CLEC equivalent access to all of the necessary OSS functions. Through its web site, training, disclosure documentation and development assistance, Qwest shall disclose to CLEC any internal business rules and other formatting information necessary to ensure that CLEC's requests and orders are processed efficiently. Qwest shall provide training to enable CLEC to devise its own course work for its own employees. Through its documentation available to CLEC, Qwest will identify how its interface differs from national guidelines or standards. Qwest shall provide OSS designed to accommodate both current demand and reasonably foreseeable demand.

### **12.2 OSS Support for Pre-Ordering, Ordering and Provisioning**

#### **12.2.1 Local Service Request (LSR) Ordering Process**

12.2.1.1 Qwest shall provide electronic interface gateways for submission of LSRs, including both an Electronic Data Interchange (EDI) interface and a Graphical User Interface (GUI).

12.2.1.2 The interface guidelines for EDI are based upon the Order & Billing Forum (OBF) Local Service Order Guidelines (LSOG), the Telecommunication Industry Forum (TCIF) Customer Service Guidelines; and the American National Standards Institute/Accredited Standards Committee (ANSI ASC) X12 protocols. Exceptions to the

above guidelines/standards shall be specified in the EDI disclosure documents.

12.2.1.3 The GUI shall provide a single interface for Pre-Order and Order transactions from CLEC to Qwest and is browser based. The GUI interface shall be based on the LSOG and utilizes a WEB standard technology, Hyper Text Markup Language (HTML), JAVA and the Transmission Control Protocol/Internet Protocol (TCP/IP) to transmit messages.

12.2.1.4 Functions Pre Ordering - Qwest will provide real time, electronic access to pre-order functions to support CLEC's ordering via the electronic interfaces described herein. Qwest will make the following real time pre-order functions available to CLEC:

12.2.1.4.1 Features, services and Primary Interexchange Carrier (PIC) options for IntraLATA toll and InterLATA toll available at a valid service address;

12.2.1.4.2 Access to Customer Service Records (CSRs) for Qwest retail or resale End User Customers. The information will include Billing name, service address, Billing address, service and feature subscription, Directory Listing information, and long distance Carrier identity;

12.2.1.4.3 Telephone number request and selection;

12.2.1.4.4 Reservation of appointments for service installations requiring the dispatch of a Qwest technician on a non-discriminatory basis;

12.2.1.4.5 Information regarding whether dispatch is required for service installation and available installation appointments;

12.2.1.4.6 Service address verification;

12.2.1.4.7 Facility availability, Loop qualification, including resale-DSL, and Loop make-up information, including, but not limited to, Loop length, presence of Bridged Taps, repeaters, and loading coils. This Section 12.2.1.4.1.7 shall apply only to CLEC orders for Unbundled Loops or Loop combinations.

12.2.1.4.8 A list of valid available CFAs for Unbundled Loops.

12.2.1.4.9 A list of one to five (1-5) individual Meet Points or a range of Meet Points for shared Loops.

12.2.1.4.10 Design Layout Record (DLR) Query which provides the layout for the local portion of a circuit at a particular location where applicable.

12.2.1.5 Dial-Up Capabilities

12.2.1.5.1 Reserved for Future Use.

12.2.1.5.2 Reserved for Future Use.

12.2.1.5.3 When CLEC requests from Qwest more than fifty (50) SecurIDs for use by CLEC Customer service representatives at a single CLEC location,

CLEC shall use a T1 line instead of dial-up access at that location. If CLEC is obtaining the line from Qwest, then CLEC shall be able to use SecurIDs until such time as Qwest provisions the T1 line and the line permits pre-order and order information to be exchanged between Qwest and CLEC.

#### 12.2.1.6 Access Service Request (ASR) Ordering Process

12.2.1.6.1 Qwest shall provide a computer-to-computer batch file interface for submission of ASRs based upon the OBF Access Service Order Guidelines (ASOG). Qwest shall supply exceptions to these guidelines in writing in sufficient time for CLEC to adjust system requirements.

12.2.1.7 Facility Based EDI Listing Process -- Qwest shall provide a Facility Based EDI Listing interface to enable CLEC Listing data to be translated and passed into the Qwest Listing database. This interface is based upon OBF LSOG and ANSI ASC X12 standards. Qwest shall supply exceptions to these guidelines/standards in writing in sufficient time for CLEC to adjust system requirements.

12.2.1.8 Qwest will establish interface contingency plans and disaster recovery plans for the interfaces described in this Section. Qwest will work cooperatively with CLECs through the CMP process to consider any suggestions made by CLECs to improve or modify such plans. CLEC specific requests for modifications to such plans will be negotiated and mutually agreed upon between Qwest and CLEC.

12.2.1.9 Ordering and Provisioning - Qwest will provide access to ordering and status functions. CLEC will populate the service request to identify what features, services, or elements it wishes Qwest to provision in accordance with Qwest's published business rules.

12.2.1.9.1 Qwest shall provide all Provisioning services to CLEC during the same business hours that Qwest provisions services for its End User Customers. Qwest will provide out-of-hours Provisioning services to CLEC on a non-discriminatory basis as it provides such Provisioning services to itself, its End User Customers, its Affiliates or any other Party. Qwest shall disclose the business rules regarding out-of-hours Provisioning on its wholesale web site.

12.2.1.9.2 When CLEC places an electronic order, Qwest will provide CLEC with an electronic Firm Order Confirmation notice (FOC). The FOC will follow industry-standard formats and contain the Qwest Due Date for order completion. Upon completion of the order, Qwest will provide CLEC with an electronic completion notice which follows industry-standard formats and which states when the order was completed. Qwest supplies two (2) separate completion notices: 1) service order completion (SOC) which notifies CLEC that the service order record has been completed, and 2) Billing completion that notifies CLEC that the service order has posted to the Billing system.

12.2.1.9.3 When CLEC places a manual order, Qwest will provide CLEC with a manual Firm Order Confirmation notice. The confirmation notice will follow industry-standard formats. Upon completion of the order, Qwest will provide CLEC with a completion notice which follows industry-standard formats and which states when the order was completed. Qwest supplies two (2) separate



completion notices: 1) service order completion (SOC) which notifies CLEC that the service order record has been completed, and 2) Billing completion that notifies CLEC that the service order has posted to the Billing system.

12.2.1.9.4 When CLEC places an electronic order, Qwest shall provide notification electronically of any instances when (1) Qwest's Committed Due Dates are in jeopardy of not being met by Qwest on any service or (2) an order is rejected. The standards for returning such notices are set forth in Section 20.

12.2.1.9.5 When CLEC places a manual order, Qwest shall provide notification of any instances when (1) Qwest's Committed Due Dates are in jeopardy of not being met by Qwest on any service or (2) an order is rejected. The standards for returning such notices are set forth in Section 20.

12.2.1.9.6 Business rules regarding rejection of LSRs or ASRs are subject to the provisions of Section 12.2.6.

12.2.1.9.7 Where Qwest provides installation on behalf of CLEC, Qwest shall advise the CLEC End User Customer to notify CLEC immediately if CLEC's End User Customer requests a service change at the time of installation.

## **12.2.2 Maintenance and Repair**

12.2.2.1 Qwest shall provide electronic interface gateways, including an Electronic Bonding interface and a GUI interface, for reviewing an End User Customer's trouble history at a specific location, conducting testing of an End User Customer's service where applicable, and reporting trouble to facilitate the exchange of updated information and progress reports between Qwest and CLEC while the Trouble Report (TR) is open and a Qwest technician is working on the resolution. CLEC may also report trouble through manual processes. For designed services, the TR will not be closed prior to verification by CLEC that trouble is cleared.

## **12.2.3 Interface Availability**

12.2.3.1 Qwest shall make its OSS interfaces available to CLEC during the hours listed in the Gateway Availability PIDs in Section 20.

12.2.3.2 Qwest shall notify CLEC in a timely manner regarding system downtime through mass email distribution and pop-up windows as applicable.

## **12.2.4 Billing**

12.2.4.1 For products billed out of the Qwest Interexchange Access Billing System (IABS), Qwest will utilize the existing CABS/BOS format and technology for the transmission of bills.

12.2.4.2 For products billed out of the Qwest Customer Record Information System (CRIS), Qwest will utilize the existing EDI standard for the transmission of monthly local Billing information. EDI is an established standard under the auspices of the ANSI/ASC X12 Committee. A proper subset of this specification has been adopted by the Telecommunications Industry Forum (TCIF) as the "811 Guidelines" specifically

for the purposes of Telecommunications Billing. Any deviance from these standards and guidelines shall be documented and accessible to CLEC.

### 12.2.5 Outputs

Output information will be provided to CLEC in the form of bills, files, and reports. Bills will capture all regular monthly and incremental/usage charges and present them in a summarized format. The files and reports delivered to CLEC come in the following categories:

Usage Record File	Line Usage Information
Loss and Completion	Order Information
Category 11	Facility Based Line Usage Information
SAG/FAM	Street Address/Facility Availability Information

#### 12.2.5.1 Bills

12.2.5.1.1 CRIS Summary Bill - The CRIS Summary Bill represents a monthly summary of charges for most wholesale products sold by Qwest. This bill includes a total of all charges by entity plus a summary of current charges and adjustments on each sub-account. Individual sub-accounts are provided as Billing detail and contain monthly, one-time charges and incremental/call detail information. The Summary Bill provides one bill and one payment document for CLEC. These bills are segmented by state and bill cycle. The number of bills received by CLEC is dictated by the product ordered and the Qwest region in which CLEC is operating.

12.2.5.1.2 IABS Bill - The IABS Bill represents a monthly summary of charges. This bill includes monthly and one-time charges plus a summary of any usage charges. These bills are segmented by product, LATA, Billing account number (BAN) and bill cycle.

#### 12.2.5.2 Files and Reports

12.2.5.2.1 Daily Usage Record File provides the accumulated set of call information for a given Day as captured or recorded by the network Switches. This file will be transmitted Monday through Friday, excluding Qwest holidays. This information is a file of unrated Qwest originated usage messages and rated CLEC originated usage messages. It is provided in ATIS standard Electronic Message Interface (EMI) format. This EMI format is outlined in the document SR-320; which can be obtained directly from ATIS. The Daily Usage Record File contains multi-state data for the Data Processing Center generating this information. Individual state identification information is contained with the message detail. Qwest will provide this data to CLEC with the same level of precision and accuracy it provides itself. This file will be provided for resale products.

12.2.5.2.2 The charge for this Daily Usage Record File is contained in Exhibit

A of this Agreement.

12.2.5.2.3 Routing of in-region IntraLATA Collect, Calling Card, and Third Number Billed Messages - Qwest will distribute in-region IntraLATA collect, calling card, and third number billed messages to CLEC and exchange with other CLECs operating in region in a manner consistent with existing inter-company processing agreements. Whenever the daily usage information is transmitted to a Carrier, it will contain these records for these types of calls as well.

12.2.5.2.4 Loss Report provides CLEC with a daily report that contains a list of accounts that have had lines and/or services disconnected. This may indicate that the End User Customer has changed CLECs or removed services from an existing account. This report also details the order number, service name and address, and date this change was made. Individual reports will be provided for resale and Unbundled Loop products.

12.2.5.2.5 Completion Report provides CLEC with a daily report. This report is used to advise CLEC that the order(s) for the service(s) requested is complete. It details the order number, service name and address and date this change was completed. Individual reports will be provided for resale and Unbundled Loop products.

12.2.5.2.6 Category 11 Records are Exchange Message Records (EMR) which provide mechanized record formats that can be used to exchange access usage information between Qwest and CLEC. Category 1101 series records are used to exchange detailed access usage information.

12.2.5.2.7 Category 1150 series records are used to exchange summarized Meet Point Billed access minutes-of-use. Qwest will make accessible to CLEC through electronic means the transmission method/media types available for these mechanized records.

12.2.5.2.8 SAG/FAM Files. The SAG (Street Address Guide)/FAM (Features Availability Matrix) files contain the following information:

- a) SAG provides Address and Serving Central Office Information.
- b) FAM provides USOCs and descriptions by state (POTS services only), and USOC availability by NPA-NXX with the exception of Centrex. InterLATA/IntraLATA Carriers by NPA-NXX.

These files are made available via a download process. They can be retrieved by FTP (File Transfer Protocol), NDM connectivity, or a Web browser.

## 12.2.6 Change Management

Qwest agrees to maintain a change management process, known as the Change Management Process (CMP), that is consistent with or exceeds industry guidelines, standards and practices to address Qwest's OSS, products and processes. The CMP shall include, but not be limited to, the following: (i) provide a forum for CLEC and Qwest to discuss CLEC and Qwest change requests (CR), CMP notifications, systems release life cycles, and communications; (ii) provide

a forum for CLECs and Qwest to discuss and prioritize CRs, where applicable pursuant to Exhibit G; (iii) develop a mechanism to track and monitor CRs and CMP notifications; (iv) establish intervals where appropriate in the process; (v) processes by which CLEC impacts that result from changes to Qwest's OSS, products or processes can be promptly and effectively resolved; (vi) processes that are effective in maintaining the shortest timeline practicable for the receipt, development and implementation of all CRs; (vii) sufficient dedicated Qwest processes to address and resolve in a timely manner CRs and other issues that come before the CMP body; (viii) processes for OSS Interface testing; (ix) information that is clearly organized and readily accessible to CLECs, including the availability of web-based tools; (x) documentation provided by Qwest that is effective in enabling CLECs to build an electronic gateway; and (xi) a process for changing CMP that calls for collaboration among CLECs and Qwest and requires agreement by the CMP participants. Pursuant to the scope and procedures set forth in Exhibit G, Qwest will submit to CLECs through the CMP, among other things, modifications to existing products and product and technical documentation available to CLECs, introduction of new products available to CLECs, discontinuance of products available to CLECs, modifications to pre-ordering, ordering/Provisioning, maintenance/repair or Billing processes, introduction of pre-ordering, ordering/Provisioning, maintenance/repair or Billing processes, discontinuance of pre-ordering, ordering/Provisioning, maintenance/repair or Billing processes, modifications to existing OSS interfaces, introduction of new OSS interfaces, and retirement of existing OSS interfaces. Qwest will maintain as part of CMP an escalation process so that CMP issues can be escalated to a Qwest representative authorized to make a final decision and a process for the timely resolution of disputes. The governing document for CMP, known as the "Change Management Process" Document is the subject of ongoing negotiations between Qwest and CLECs in the ongoing CMP redesign process. The CMP Document will continue to be changed through those discussions. The CMP Document reflects the commitments Qwest has made regarding maintaining its CMP and Qwest commits to implement agreements made in the CMP redesign process as soon as practicable after they are made. The CMP Document will be subject to change through the CMP process, as set forth in the CMP Document. Qwest will maintain the most current version of the CMP Document on its wholesale web site.

12.2.6.1 In the course of establishing operational ready system interfaces between Qwest and CLEC to support local service delivery, CLEC and Qwest may need to define and implement system interface specifications that are supplemental to existing standards. CLEC and Qwest will submit such specifications to the appropriate standards committee and will work towards their acceptance as standards.

12.2.6.2 Release updates will be implemented pursuant to the CMP.

12.2.6.3 Intentionally Left Blank.

## **12.2.7 CLEC Responsibilities for Implementation of OSS Interfaces**

12.2.7.1 Before CLEC implementation can begin, CLEC must completely and accurately answer the New Customer Questionnaire as required in Section 3.2.

12.2.7.2 Once Qwest receives a complete and accurate New Customer Questionnaire, Qwest and CLEC will mutually agree upon time frames for implementation of connectivity between CLEC and the OSS interfaces.

### **12.2.8 Qwest Responsibilities for On-going Support for OSS Interfaces**

Qwest will support previous EDI releases for six (6) months after the next subsequent EDI release has been deployed.

12.2.8.1 Qwest will provide written notice to CLEC of the need to migrate to a new release.

12.2.8.2 Qwest will provide an EDI Implementation Coordinator to work with CLEC for business scenario re-certification, migration and data conversion strategy definition.

12.2.8.3 Re-certification is the process by which CLEC demonstrates the ability to generate correct functional transactions for enhancements not previously certified. Qwest will provide the suite of tests for re-certification to CLEC with the issuance of the disclosure document.

12.2.8.4 Qwest shall provide training mechanisms for CLEC to pursue in educating its internal personnel. Qwest shall provide training necessary for CLEC to use Qwest's OSS interfaces and to understand Qwest's documentation, including Qwest's business rules.

### **12.2.9 CLEC Responsibilities for On-going Support for OSS Interfaces**

12.2.9.1 If using the GUI interface, CLEC will take reasonable efforts to train CLEC personnel on the GUI functions that CLEC will be using.

12.2.9.2 An exchange protocol will be used to transport EDI formatted content. CLEC must perform certification testing of exchange protocol prior to using the EDI interface.

12.2.9.3 Qwest will provide CLEC with access to a stable testing environment that mirrors production to certify that its OSS will be capable of interacting smoothly and efficiently with Qwest's OSS. Qwest has established the following test processes to assure the implementation of a solid interface between Qwest and CLEC:

12.2.9.3.1 Connectivity Testing – CLEC and Qwest will conduct connectivity testing. This test will establish the ability of the trading partners to send and receive EDI messages effectively. This test verifies the communications between the trading partners. Connectivity is established during each phase of the implementation cycle. This test is also conducted prior to controlled production and before going live in the production environment if CLEC or Qwest has implemented environment changes when moving into production.

12.2.9.3.2 Stand-Alone Testing Environment (SATE) – Qwest's stand-alone testing environment will take pre-order and order requests, pass them to the stand-alone database, and return responses to CLEC during its development and implementation of EDI. The SATE provides CLEC the opportunity to validate its technical development efforts built via Qwest documentation without the need to schedule test times. This testing verifies CLEC's ability to send correctly formatted EDI transactions through the EDI system edits successfully for both

new and existing releases. SATE uses test account data supplied by Qwest. Qwest will make additions to the test beds and test accounts as it introduces new OSS electronic interface capabilities, including support of new products and services, new interface features, and functionalities. All SATE pre-order queries and orders are subjected to the same edits as production pre-order and order transactions. This testing phase is optional.

12.2.9.3.3 Interoperability Testing – CLEC has the option of participating with Qwest in Interoperability testing to provide CLEC with the opportunity to validate technical development efforts and to quantify processing results. Interoperability testing verifies CLEC's ability to send correct EDI transactions through the EDI system edits successfully. Interoperability testing requires the use of valid data in Qwest production systems. All Interoperability pre-order queries and order transactions are subjected to the same edits as production orders. This testing phase is optional when CLEC has conducted Stand-Alone Testing successfully. Qwest shall process pre-order transactions in Qwest's production OSS and order transactions through the business processing layer of the EDI interfaces.

12.2.9.3.4 Controlled Production – Qwest and CLEC will perform controlled production. The controlled production process is designed to validate the ability of CLEC to transmit EDI data that completely meets X12 standards definitions and complies with all Qwest business rules. Controlled production consists of the controlled submission of actual CLEC production requests to the Qwest production environment. Qwest treats these pre-order queries and orders as production pre-order and order transactions. Qwest and CLEC use controlled production results to determine operational readiness. Controlled production requires the use of valid account and order data. All certification orders are considered to be live orders and will be provisioned.

12.2.9.3.5 If CLEC is using EDI, Qwest shall provide CLEC with a pre-allotted amount of time to complete certification of its business scenarios. Qwest will allow CLEC a reasonably sufficient amount of time during the day and a reasonably sufficient number of days during the week to complete certification of its business scenarios consistent with CLEC's business plan. It is the sole responsibility of CLEC to schedule an appointment with Qwest for certification of its business scenarios. CLEC must make every effort to comply with the agreed upon dates and times scheduled for the certification of its business scenarios. If the certification of business scenarios is delayed due to CLEC, it is the sole responsibility of CLEC to schedule new appointments for certification of its business scenarios. Qwest will make reasonable efforts to accommodate CLEC schedule. Conflicts in the schedule could result in certification being delayed. If a delay is due to Qwest, Qwest will honor CLEC's schedule through the use of alternative hours.

12.2.9.4 If CLEC is using the EDI interface, CLEC must work with Qwest to certify the business scenarios that CLEC will be using in order to ensure successful transaction processing. Qwest and CLEC shall mutually agree to the business scenarios for which CLEC requires certification. Certification will be granted for the specified release of the EDI interface. If CLEC is certifying multiple products or services, CLEC has the option of certifying those products or services serially or in parallel where Technically Feasible.

12.2.9.4.1 For a new software release or upgrade, Qwest will provide CLEC a stable testing environment that mirrors the production environment in order for CLEC to test the new release. For software releases and upgrades, Qwest has implemented the testing processes set forth in Sections 12.2.9.3.2, 12.2.9.3.3 and 12.2.9.3.4.

12.2.9.5 New releases of the EDI interface may require re-certification of some or all business scenarios. A determination as to the need for re-certification will be made by the Qwest coordinator in conjunction with the release manager of each IMA EDI release. Notice of the need for re-certification will be provided to CLEC as the new release is implemented. The suite of re-certification test scenarios will be provided to CLEC with the disclosure document. If CLEC is certifying multiple products or services, CLEC has the option of certifying those products or services serially or in parallel, where Technically Feasible.

12.2.9.6 CLEC will contact the Qwest EDI Implementation Coordinator to initiate the migration process. CLEC may not need to certify to every new EDI release, however, CLEC must complete the re-certification and migration to the new EDI release within six (6) months of the deployment of the new release. CLEC will use reasonable efforts to provide sufficient support and personnel to ensure that issues that arise in migrating to the new release are handled in a timely manner.

12.2.9.6.1 The following rules apply to initial development and certification of EDI interface versions and migration to subsequent EDI interface versions:

12.2.9.6.1.1 Stand Alone and/or Interoperability testing must begin on the prior release before the next release is implemented. Otherwise, CLEC will be required to move its implementation plan to the next release.

12.2.9.6.1.2 New EDI users must be certified and in production with at least one (1) product and one (1) order activity type on a prior release two (2) months after the implementation of the next release. Otherwise, CLEC will be required to move its implementation plan to the next release.

12.2.9.6.1.3 Any EDI user that has been placed into production on the prior release not later than two (2) months after the next release implementation may continue certifying additional products and activities until two (2) months prior to the retirement of the release. To be placed into production, the products/order activities must have been tested in the SATE or Interoperability environment before two (2) months after the implementation of the next release.

12.2.9.7 CLEC will be expected to execute the re-certification test cases in the stand alone and/or Interoperability test environments. CLEC will provide Purchase Order Numbers (PONs) of the successful test cases to Qwest.

## **12.2.10 CLEC Support**

12.2.10.1 Qwest shall provide documentation and assistance for CLEC to

understand how to implement and use all of the available OSS functions. Qwest shall provide to CLEC in writing any internal business rules and other formatting information necessary to ensure that CLEC's requests and orders are processed efficiently. This assistance will include, but is not limited to, contacts to the CLEC account team, training, documentation, and CLEC Help Desk. Qwest will also supply CLEC with an escalation level contact list in the event issues are not resolved via contacts to the CLEC account team, training, documentation and CLEC Help Desk.

#### 12.2.10.2 CLEC Help Desk

12.2.10.2.1 The CLEC Systems Help Desk will provide a single point of entry for CLEC to gain assistance in areas involving connectivity, system availability, and file outputs. The CLEC Systems Help Desk areas are further described below.

12.2.10.2.1.1 Connectivity covers trouble with CLEC's access to the Qwest system for hardware configuration requirements with relevance to EDI and GUI interfaces; software configuration requirements with relevance to EDI and GUI interfaces; modem configuration requirements, T1 configuration and dial-in string requirements, firewall access configuration, SecurID configuration, Profile Setup, and password verification.

12.2.10.2.1.2 System Availability covers system errors generated during an attempt by CLEC to place orders or open trouble reports through EDI and GUI interfaces. These system errors are limited to: Resale/POTS; UNE POTS; Design Services and Repair.

12.2.10.2.1.3 File Outputs covers CLEC's output files and reports produced from its usage and order activity. File outputs system errors are limited to: Daily Usage File; Loss / Completion File, IABS Bill, CRIS Summary Bill, Category 11 Report and SAG/FAM Reports.

12.2.10.3 Additional assistance to CLEC is available through various public web sites. These web sites provide electronic interface training information and user documentation and technical specifications and are located on Qwest's wholesale web site. Qwest will provide Interconnect Service Center Help Desks which will provide a single point of contact for CLEC to gain assistance in areas involving order submission and manual processes.

### 12.2.11 Compensation/Cost Recovery

Recurring and nonrecurring OSS startup charges, as applicable, will be billed at rates set forth in Exhibit A. Any such rates will be consistent with Existing Rules. Qwest shall not impose any recurring or nonrecurring OSS start up charges unless and until the Commission authorizes Qwest to impose such charges and/or approves applicable rates at the completion of appropriate cost docket proceedings.



## **12.3 Maintenance and Repair**

### **12.3.1 Service Levels**

12.3.1.1 Qwest will provide repair and maintenance for all services covered by this Agreement in substantially the same time and manner as that which Qwest provides for itself, its End User Customers, its Affiliates, or any other party. Qwest shall provide CLEC repair status information in substantially the same time and manner as Qwest provides for its retail services.

12.3.1.2 During the term of this Agreement, Qwest will provide necessary maintenance business process support to allow CLEC to provide similar service quality to that provided by Qwest to itself, its End User Customers, its Affiliates, or any other party.

12.3.1.3 Qwest will perform repair service that is substantially the same in timeliness and quality to that which it provides to itself, its End User Customers, its Affiliates, or any other party. Trouble calls from CLEC shall receive response time priority that is substantially the same as that provided to Qwest, its End User Customers, its Affiliates, or any other party and shall be handled in a nondiscriminatory manner.

### **12.3.2 Branding**

12.3.2.1 Qwest shall use unbranded Maintenance and Repair forms while interfacing with CLEC End User Customers. Upon request, Qwest shall use CLEC provided and branded Maintenance and Repair forms. Qwest may not unreasonably interfere with branding by CLEC.

12.3.2.2 Except as specifically permitted by CLEC, in no event shall Qwest provide information to CLEC subscribers about CLEC or CLEC product or services.

12.3.2.3 This section shall confer on Qwest no rights to the service marks, trademarks and trade names owned by or used in connection with services offered by CLEC or its Affiliates, except as expressly permitted by CLEC.

### **12.3.3 Service Interruptions**

12.3.3.1 The characteristics and methods of operation of any circuits, facilities or equipment of either Party connected with the services, facilities or equipment of the other Party pursuant to this Agreement shall not: 1) interfere with or impair service over any facilities of the other Party, its affiliated companies, or its connecting and concurring Carriers involved in its services; 2) cause damage to the plant of the other Party, its affiliated companies, or its connecting concurring Carriers involved in its services; 3) violate any Applicable Law or regulation regarding the invasion of privacy of any communications carried over the Party's facilities; or 4) create hazards to the employees of either Party or to the public. Each of these requirements is hereinafter referred to as an "Impairment of Service".

12.3.3.2 If it is confirmed that either Party is causing an Impairment of Service, as set forth in this Section, the Party whose network or service is being impaired (the "Impaired Party") shall promptly notify the Party causing the Impairment of Service (the

"Impairing Party") of the nature and location of the problem. The Impaired Party shall advise the Impairing Party that, unless promptly rectified, a temporary discontinuance of the use of any circuit, facility or equipment may be required. The Impairing Party and the Impaired Party agree to work together to attempt to promptly resolve the Impairment of Service. If the Impairing Party is unable to promptly remedy the Impairment of Service, the Impaired Party may temporarily discontinue use of the affected circuit, facility or equipment.

12.3.3.3 To facilitate trouble reporting and to coordinate the repair of the service provided by each Party to the other under this Agreement, each Party shall designate a repair center for such service.

12.3.3.4 Each Party shall furnish a trouble reporting telephone number for the designated repair center. This number shall give access to the location where records are normally located and where current status reports on any trouble reports are readily available. If necessary, alternative out-of-hours procedures shall be established to ensure access to a location that is staffed and has the authority to initiate corrective action.

12.3.3.5 Before either Party reports a trouble condition, it shall use its best efforts to isolate the trouble to the other's facilities.

12.3.3.5.1 In cases where a trouble condition affects a significant portion of the other's service, the Parties shall assign the same priority provided to CLEC as itself, its End User Customers, its Affiliates, or any other party.

12.3.3.5.2 The Parties shall cooperate in isolating trouble conditions.

#### **12.3.4 Trouble Isolation**

12.3.4.1 CLEC is responsible for its own End User Customer base and will have the responsibility for resolution of any service trouble report(s) from its End User Customers. CLEC will perform trouble isolation on services it provides to its End User Customers to the extent the capability to perform such trouble isolation is available to CLEC, prior to reporting trouble to Qwest. CLEC shall have access for testing purposes at the Demarcation Point, NID, or Point of Interface. Qwest will work cooperatively with CLEC to resolve trouble reports when the trouble condition has been isolated and found to be within a portion of Qwest's network. Qwest and CLEC will report trouble isolation test results to the other. Each Party shall be responsible for the costs of performing trouble isolation on its facilities, subject to Sections 12.3.4.2 and 12.3.4.3.

12.3.4.2 When CLEC requests that Qwest perform trouble isolation with CLEC, a Maintenance of Service charge will apply if the trouble is found to be on the End User Customer's side of the Demarcation Point. If the trouble is on the End User Customer's side of the Demarcation Point, and CLEC authorizes Qwest to repair trouble on CLEC's behalf, Qwest will charge CLEC the appropriate Additional Labor Charge set forth in Exhibit A in addition to the Maintenance of Service charge.

12.3.4.3 When CLEC elects not to perform trouble isolation and Qwest performs tests at CLEC request, a Maintenance of Service Charge shall apply if the trouble is not in Qwest's facilities, including Qwest's facilities leased by CLEC. Maintenance of

Service charges are set forth in Exhibit A. When trouble is found on Qwest's side of the Demarcation Point, or Point of Interface during the investigation of the initial or repeat trouble report for the same line or circuit within thirty (30) Days, Maintenance of Service charges shall not apply.

### **12.3.5 Inside Wire Maintenance**

Except where specifically required by state or federal regulatory mandates, Qwest will not perform any maintenance of inside wire (premises wiring beyond the End User Customer's Demarcation Point) for CLEC or its End User Customers.

### **12.3.6 Testing/Test Requests/Coordinated Testing/UNEs**

12.3.6.1 Where CLEC does not have the ability to diagnose and isolate trouble on a Qwest line, circuit, or service provided in this Agreement that CLEC is utilizing to serve an End User Customer, Qwest will conduct testing, to the extent testing capabilities are available to Qwest, to diagnose and isolate a trouble in substantially the same time and manner that Qwest provides for itself, its End User Customers, its Affiliates, or any other party.

12.3.6.2 Prior to Qwest conducting a test on a line, circuit, or service provided in this Agreement that CLEC is utilizing to serve an End User Customer, Qwest must receive a trouble report from CLEC.

12.3.6.3 On manually reported trouble for non-designed services, Qwest will provide readily available test results to CLEC or test results to CLEC in accordance with any applicable Commission rule for providing test results to End User Customers or CLECs. On manually reported trouble for designed services provided in this Agreement, Qwest will provide CLEC test results upon request. For electronically reported trouble, Qwest will provide CLEC with the ability to obtain basic test results in substantially the same time and manner that Qwest provides for itself, its End User Customers, its Affiliates, or any other party.

12.3.6.4 CLEC shall isolate the trouble condition to Qwest's portion of the line, circuit, or service provided in this Agreement before Qwest accepts a trouble report for that line, circuit or service. Once Qwest accepts the trouble report from CLEC, Qwest shall process the trouble report in substantially the same time and manner as Qwest does for itself, its End User Customers, its Affiliates, or any other party.

12.3.6.5 Qwest shall test to ensure electrical continuity of all UNEs, including Central Office Demarcation Point, and services it provides to CLEC prior to closing a trouble report.

### **12.3.7 Work Center Interfaces**

12.3.7.1 Qwest and CLEC shall work cooperatively to develop positive, close working relationships among corresponding work centers involved in the trouble resolution processes.

### **12.3.8 Misdirected Repair Calls**

12.3.8.1 CLEC and Qwest will employ the following procedures for handling misdirected repair calls:

12.3.8.1.1 CLEC and Qwest will provide their respective End User Customers with the correct telephone numbers to call for access to their respective repair bureaus.

12.3.8.1.2 End User Customers of CLEC shall be instructed to report all cases of trouble to CLEC. End User Customers of Qwest shall be instructed to report all cases of trouble to Qwest.

12.3.8.1.4 CLEC and Qwest will provide their respective repair contact numbers to one another on a reciprocal basis.

### **12.3.9 Major Outages/Restoral/Notification**

12.3.9.1 Qwest will notify CLEC of major network outages in substantially the same time and manner as it provides itself, its End User Customers, its Affiliates, or any other party. This notification will be via e-mail to CLEC's identified contact. With the minor exception of certain Proprietary Information such as Customer information, Qwest will utilize the same thresholds and processes for external notification as it does for internal purposes. This major outage information will be sent via e-mail on the same schedule as is provided internally within Qwest. The email notification schedule shall consist of initial report of abnormal condition and estimated restoration time/date, abnormal condition updates, and final disposition. Service restoration will be non-discriminatory, and will be accomplished as quickly as possible according to Qwest and/or industry standards.

12.3.9.2 Qwest will meet with associated personnel from CLEC to share contact information and review Qwest's outage restoral processes and notification processes.

12.3.9.3 Qwest's emergency restoration process operates on a 7X24 basis.

### **12.3.10 Protective Maintenance**

12.3.10.1 Qwest will perform scheduled maintenance of substantially the same type and quality to that which it provides to itself, its End User Customers, its Affiliates, or any other party.

12.3.10.2 Qwest will work cooperatively with CLEC to develop industry-wide processes to provide as much notice as possible to CLEC of pending maintenance activity. Qwest shall provide notice of potentially CLEC Customer impacting maintenance activity, to the extent Qwest can determine such impact, and negotiate mutually agreeable dates with CLEC in substantially the same time and manner as it does for itself, its End User Customers, its Affiliates, or any other party.

12.3.10.3 Qwest shall advise CLEC of non-scheduled maintenance, testing, monitoring, and surveillance activity to be performed by Qwest on any services, including, to the extent Qwest can determine, any hardware, equipment, software, or

system providing service functionality which may potentially impact CLEC and/or CLEC End User Customers. Qwest shall provide the maximum advance notice of such non-scheduled maintenance and testing activity possible, under the circumstances; provided, however, that Qwest shall provide emergency maintenance as promptly as possible to maintain or restore service and shall advise CLEC promptly of any such actions it takes.

### **12.3.11 Hours of Coverage**

12.3.11.1 Qwest's repair operation is seven (7) Days a week, twenty-four (24) hours a day. Not all functions or locations are covered with scheduled employees on a 7X24 basis. Where such 7X24 coverage is not available, Qwest's repair operations center (always available 7X24) can call-out technicians or other personnel required for the identified situation.

### **12.3.12 Escalations**

12.3.12.1 Qwest will provide trouble escalation procedures to CLEC. Such procedures will be substantially the same type and quality as Qwest employs for itself, its End User Customers, its Affiliates, or any other party. Qwest escalations are manual processes.

12.3.12.2 Qwest repair escalations may be initiated by either calling the trouble reporting center or through the electronic interfaces. Escalations sequence through five tiers: tester, duty supervisor, manager, director, vice president. The first escalation point is the tester. CLEC may request escalation to higher tiers in its sole discretion. Escalations status is available through telephone and the electronic interfaces.

12.3.12.3 Qwest shall handle chronic troubles on non-designed services, which are those greater than three (3) troubles in a rolling thirty (30) Day period, pursuant to Section 12.2.2.1.

### **12.3.13 Dispatch**

12.3.13.1 Qwest will provide maintenance dispatch personnel in substantially the same time and manner as it provides for itself, its End User Customers, its Affiliates, or any other party.

12.3.13.2 Upon the receipt of a trouble report from CLEC, Qwest will follow internal processes and industry standards, to resolve the repair condition. Qwest will dispatch repair personnel on occasion to repair the condition. It will be Qwest's decision whether or not to send a technician out on a dispatch. Qwest reserves the right to make this dispatch decision based on the best information available to it in the trouble resolution process. It is not always necessary to dispatch to resolve trouble; should CLEC require a dispatch when Qwest believes the dispatch is not necessary, appropriate charges will be billed by Qwest to CLEC for those dispatch-related costs in accordance with Exhibit A if Qwest can demonstrate that the dispatch was in fact unnecessary to the clearance of trouble or the trouble is identified to be caused by CLEC facilities or equipment.

12.3.13.3 For POTS lines and designed service circuits, Qwest is responsible for all Maintenance and Repair of the line or circuit and will make the determination to dispatch to locations other than the CLEC Customer premises without prior CLEC authorization.

For dispatch to the CLEC Customer premises Qwest shall obtain prior CLEC authorization with the exception of major outage restoration, cable rearrangements, and MTE terminal maintenance/replacement.

### **12.3.14 Electronic Reporting**

12.3.14.1 CLEC may submit Trouble Reports through the Electronic Bonding or GUI interfaces provided by Qwest.

12.3.14.2 The status of manually reported trouble may be accessed by CLEC through electronic interfaces.

### **12.3.15 Intervals/Parity**

12.3.15.1 Similar trouble conditions, whether reported on behalf of Qwest End User Customers or on behalf of CLEC End User Customers, will receive commitment intervals in substantially the same time and manner as Qwest provides for itself, its End User Customers, its Affiliates, or any other party.

### **12.3.16 Jeopardy Management**

12.3.16.1 Qwest will notify CLEC, in substantially the same time and manner as Qwest provides this information to itself, its End User Customers, its Affiliates, or any other party, that a trouble report commitment (appointment or interval) has been or is likely to be missed. At CLEC option, notification may be sent by email or fax through the electronic interface. CLEC may telephone Qwest repair center or use the electronic interfaces to obtain jeopardy status.

### **12.3.17 Trouble Screening**

12.3.17.1 CLEC shall screen and test its End User Customer trouble reports completely enough to insure, to the extent possible, that it sends to Qwest only trouble reports that involve Qwest facilities. For services and facilities where the capability to test all or portions of the Qwest network service or facility rest with Qwest, Qwest will make such capability available to CLEC to perform appropriate trouble isolation and screening.

12.3.17.2 Qwest will cooperate with CLEC to show CLEC how Qwest screens trouble conditions in its own centers, so that CLEC may employ similar techniques in its centers.

### **12.3.18 Maintenance Standards**

12.3.18.1 Qwest will cooperate with CLEC to meet the maintenance standards outlined in this Agreement.

12.3.18.2 On manually reported trouble, Qwest will inform CLEC of repair completion in substantially the same time and manner as Qwest provides to itself, its End User Customers, its Affiliates, or any other party. On electronically reported trouble reports the electronic system will automatically update status information, including trouble completion, across the joint electronic gateway as the status changes.

### **12.3.19 End User Customer Interface Responsibilities**

12.3.19.1 CLEC will be responsible for all interactions with its End User Customers including service call handling and notifying its End User Customers of trouble status and resolution.

12.3.19.2 All Qwest employees who perform repair service for CLEC End User Customers will be trained in non-discriminatory behavior.

12.3.19.3 Qwest will recognize the designated CLEC/DLEC as the Customer of Record for all services ordered by CLEC/DLEC and will send all notices, invoices and pertinent information directly to CLEC/DLEC. Except as otherwise specifically provided in this Agreement, Customer of Record shall be Qwest's single and sole point of contact for all CLEC/DLEC End User Customers.

### **12.3.20 Repair Call Handling**

12.3.20.1 Manually-reported repair calls by CLEC to Qwest will be answered with the same quality and speed as Qwest answers calls from its own End User Customers.

### **12.3.21 Single Point of Contact**

12.3.21.1 Qwest will provide a single point of contact for CLEC to report maintenance issues and trouble reports seven (7) Days a week, twenty-four (24) hours a day. A single 7X24 trouble reporting telephone number will be provided to CLEC for each category of trouble situation being encountered.

### **12.3.22 Network Information**

12.3.22.1 Qwest maintains an information database, available to CLEC for the purpose of allowing CLEC to obtain information about Qwest's NPAs, LATAs, Access Tandem Switches and Central Offices.

12.3.22.2 This database is known as the ICONN database, available to CLEC via Qwest's Web site.

12.3.22.3 CPNI Information and NXX activity reports are also included in this database.

12.3.22.4 ICONN data is updated in substantially the same time and manner as Qwest updates the same data for itself, its End User Customers, its Affiliates, or any other party.

### **12.3.23 Maintenance Windows**

12.3.23.1 Generally, Qwest performs major Switch maintenance activities off-hours, during certain "maintenance windows". Major Switch maintenance activities include Switch conversions, Switch generic upgrades and Switch equipment additions.

12.3.23.2 Generally, the maintenance window is between 10:00 p.m. through 6:00 a.m. Monday through Friday, and Saturday 10:00 p.m. through Monday 6:00 a.m.,

Mountain Time. Although Qwest normally does major Switch maintenance during the above maintenance window, there will be occasions where this will not be possible. Qwest will provide notification of any and all maintenance activities that may impact CLEC ordering practices such as embargoes, moratoriums, and quiet periods in substantially the same time and manner as Qwest provides this information to itself, its End User Customers, its Affiliates, or any other party.

12.3.23.3 Reserved for Future Use.

12.3.23.4 Planned generic upgrades to Qwest Switches are included in the ICONN database, available to CLEC via Qwest's Web site.

### **12.3.24 Switch and Frame Conversion Service Order Practices**

12.3.24.1 Switch Conversions. Switch conversion activity generally consists of the removal of one Switch and its replacement with another. Generic Switch software or hardware upgrades, the addition of Switch line and trunk connection hardware and the addition of capacity to a Switch do not constitute Switch conversions.

12.3.24.2 Frame Conversions. Frame conversions are generally the removal and replacement of one or more frames, upon which the Switch Ports terminate.

12.3.24.3 Conversion Date. The "Conversion Date" is a Switch or frame conversion planned day of cut-over to the replacement frame(s) or Switch. The actual conversion time typically is set for midnight of the Conversion Date. This may cause the actual Conversion Date to migrate into the early hours of the day after the planned Conversion Date.

12.3.24.4 Conversion Embargoes. A Switch or frame conversion embargo is the time period that the Switch or frame Trunk Side facility connections are frozen to facilitate conversion from one Switch or frame to another with minimal disruption to the End User Customer or CLEC services. During the embargo period, Qwest will reject orders for Trunk Side facilities (see Section 12.3.24.4.1) other than conversion orders described in Section 12.3.24.4.3. Notwithstanding the foregoing and to the extent Qwest provisions trunk or trunk facility related service orders for itself, its End User Customers, its Affiliates, or any other party during embargoes, Qwest shall provide CLEC the same capabilities.

12.3.24.4.1 ASRs for Switch or frame Trunk Side facility augments to capacity or changes to Switch or frame Trunk Side facilities must be issued by CLEC with a Due Date prior to or after the appropriate embargo interval as identified in the ICONN database. Qwest shall reject Switch or frame Trunk Side ASRs to augment capacity or change facilities issued by CLEC or Qwest, its End User Customers, its Affiliates or any other party during the embargo period, regardless of the order's Due Date except for conversion ASRs described in Section 12.3.24.4.3.

12.3.24.4.2 For Switch and Trunk Side frame conversions, Qwest shall provide CLEC with conversion trunk group service requests (TGSR) no less than ninety (90) Days before the Conversion Date.



12.3.24.4.3 For Switch and Trunk Side frame conversions, CLEC shall issue facility conversion ASRs to Qwest no later than thirty (30) Days before the Conversion Date for like-for-like, where CLEC mirrors their existing circuit design from the old Switch or frame to the new Switch or frame, and sixty (60) Days before the Conversion Date for addition of trunk capacity or modification of circuit characteristics (i.e., change of AML to B8ZS).

12.3.24.5 Frame Embargo Period. During frame conversions, service orders and ASRs shall be subject to an embargo period for services and facilities connected to the affected frame. For conversion of trunks where CLEC mirrors their existing circuit design from the old frame to the new frame on a like-for-like basis, such embargo period shall extend from thirty (30) Days prior to the Conversion Date until five (5) Days after the Conversion Date. If CLEC requests the addition of trunk capacity or modification of circuit characteristics (i.e., change of AML to B8ZS) to the new frame, new facility ASRs shall be placed, and the embargo period shall extend from sixty (60) Days prior to the Conversion Date until five (5) Days after the Conversion Date. Prior to instituting an embargo period, Qwest shall identify the particular dates and locations for frame conversion embargo periods in its ICONN database in substantially the same time and manner as Qwest notifies itself, its End User Customers, Affiliates, or any other party.

12.3.24.6 Switch Embargo Period. During Switch conversions, service orders and ASRs shall be subject to an embargo period for services and facilities associated with the Trunk Side of the Switch. For conversion of trunks where CLEC mirrors their existing circuit design from the old Switch to the new Switch on a like-for-like basis, such embargo period shall extend from thirty (30) Days prior to the Conversion Date until five (5) Days after the Conversion Date. If CLEC requests the addition of trunk capacity or modification of circuit characteristics to the new Switch, new facility ASRs shall be placed, and the embargo period shall extend from sixty (60) Days prior to the Conversion Date until five (5) Days after the Conversion Date. Prior to instituting an embargo period, Qwest shall identify the particular dates and locations for Switch conversion embargo periods in its ICONN database in substantially the same time and manner as Qwest notifies itself, its End User Customers, Affiliates, or any other party.

12.3.24.7 Switch and Frame Conversion Quiet Periods for LSRs. Switch and frame conversion quiet periods are the time period within which LSRs may not contain Due Dates, with the exception of LSRs that result in disconnect orders, including those related to LNP orders, record orders, Billing change orders for non-switched products, and emergency orders.

12.3.24.7.1 LSRs of any kind issued during Switch or frame conversion quiet periods create the potential for loss of End User Customer service due to manual operational processes caused by the Switch or frame conversion. LSRs of any kind issued during the Switch or frame conversion quiet periods will be handled as set forth below, with the understanding that Qwest shall use its best efforts to avoid the loss of End User Customer service. Such best efforts shall be substantially the same time and manner as Qwest uses for itself, its End User Customers, its Affiliates, or any other party.

12.3.24.7.2 The quiet period for Switch conversions, where no LSRs except those requesting order activity described in 12.3.24.7 are processed for the affected location, extends from five (5) Days prior to conversion until two (2)

Days after the conversion and is identified in the ICONN database.

12.3.24.7.3 The quiet period for frame conversions, where no LSRs except those requesting order activity described in 12.3.24.7 are processed or the affected location, extends from five (5) Days prior to conversion until two (2) Days after the conversion.

12.3.24.7.4 LSRs, except those requesting order activity described in 12.3.24.7, (i) must be issued with a Due Date prior to or after the conversion quiet period and (ii) may not be issued during the quiet period. LSRs that do not meet these requirements will be rejected by Qwest.

12.3.24.7.5 LSRs requesting disconnect activity issued during the quiet period, regardless of requested Due Date, will be processed after the quiet period expires.

12.3.24.7.6 CLEC may request a Due Date change to a LNP related disconnect scheduled during quiet periods up to 12:00 noon Mountain Time the Day prior to the scheduled LSR Due Date. Such changes shall be requested by issuing a supplemental LSR requesting a Due Date change. Such changes shall be handled as emergency orders by Qwest.

12.3.24.7.7 CLEC may request a Due Date change to a LNP related disconnect order scheduled during quiet periods after 12:00 noon Mountain Time the Day prior to the scheduled LSR Due Date until 12 noon Mountain Time the Day after the scheduled LSR Due Date. Such changes shall be requested by issuing a supplemental LSR requesting a Due Date change and contacting the Interconnect Service Center. Such changes shall be handled as emergency orders by Qwest.

12.3.24.7.8 In the event that CLEC End User Customer service is disconnected in error, Qwest will restore service in substantially the same time and manner as Qwest does for itself, its End User Customers, its Affiliates, or any other party. Restoration of CLEC End User Customer service will be handled through the LNP escalations process.

12.3.24.8 Switch Upgrades. Generic Switch software and hardware upgrades are not subject to the Switch conversion embargoes or quiet periods described above. If such generic Switch or software upgrades require significant activity related to translations, an abbreviated embargo and/or quiet period may be required. Qwest shall implement service order embargoes and/or quiet periods during Switch upgrades in substantially the same time and manner as Qwest does for itself, its End User Customers, its Affiliates, and any other party.

12.3.24.9 Switch Line and Trunk Hardware Additions. Qwest shall use its best efforts to minimize CLEC service order impacts due to hardware additions and modifications to Qwest's existing Switches. Qwest shall provide CLEC substantially the same service order processing capabilities as Qwest provides itself, its End User Customers, Affiliates, or any other party during such Switch hardware additions.

## **Section 13.0 - ACCESS TO TELEPHONE NUMBERS**

13.1 Nothing in this Agreement shall be construed in any manner to limit or otherwise adversely impact either Party's right to request an assignment of any NANP number resources including, but not limited to, Central Office (NXX) Codes pursuant to the Central Office Code Assignment Guidelines published by the Industry Numbering Committee (INC) as INC 95-0407-008 (formerly ICCF 93-0729-010) and Thousand Block (NXX-X) Pooling Administration Guidelines INC 99-0127-023, when these Guidelines are implemented by the FCC or Commission Order. The latest version of the Guidelines will be considered the current standard.

13.2 North American Numbering Plan Administration (NANPA) has transitioned to NeuStar. Both Parties agree to comply with industry guidelines and Commission rules, including those sections requiring the accurate reporting of data to the NANPA.

13.3 It shall be the responsibility of each Party to program and update its own Switches and network systems pursuant to the Local Exchange Routing Guide (LERG) to recognize and route traffic to the other Party's assigned NXX or NXX-X codes. Neither Party shall impose any fees or charges on the other Party for such activities. The Parties will cooperate to establish procedures to ensure the timely activation of NXX assignments in their respective networks.

13.4 Each Party is responsible for administering numbering resources assigned to it. Each Party will cooperate to timely rectify inaccuracies in its LERG data. Each Party is responsible for updating the LERG data for NXX codes assigned to its End Office Switches. Each Party shall use the LERG published by Telcordia or its successor for obtaining routing information and shall provide through an authorized LERG input agent, all required information regarding its network for maintaining the LERG in a timely manner.

13.5 Each Party shall be responsible for notifying its End User Customers of any changes in numbering or dialing arrangements to include changes such as the introduction of new NPAs.

## **Section 14.0 - LOCAL DIALING PARITY**

14.1 The Parties shall provide local Dialing Parity to each other as required under Section 251(b)(3) of the Act. Qwest will provide local Dialing Parity to competing providers of Telephone Exchange Service and telephone toll service, and will permit all such providers to have non-discriminatory access to telephone numbers, operator services, Directory Assistance, and Directory Listings, with no unreasonable dialing delays. CLEC may elect to route all of its End User Customers' calls in the same manner as Qwest routes its End User Customers' calls, for a given call type (e.g., 0, 0+, 1+, 411).

## **Section 15.0 - QWEST'S OFFICIAL DIRECTORY PUBLISHER**

15.1 Qwest and CLEC agree that certain issues outside the provision of basic white page Directory Listings, such as yellow pages advertising, yellow pages Listings, directory coverage, access to call guide pages (phone service pages), applicable Listings criteria, white page enhancements and publication schedules will be the subject of negotiations between CLEC and directory publishers, including Qwest's Official Directory Publisher. Qwest acknowledges that CLEC may request Qwest to facilitate discussions between CLEC and Qwest's Official Directory Publisher.

## **Section 16.0 - REFERRAL ANNOUNCEMENT**

16.1 When an End User Customer changes from Qwest to CLEC, or from CLEC to Qwest, and does not retain its original main/listed telephone number, the Party formerly providing service to the End User Customer will provide a transfer of service announcement on the abandoned telephone number. Each Party will provide this referral service consistent with its tariff. This announcement will provide details on the new number that must be dialed to reach the End User Customer.

## Section 17.0 - BONA FIDE REQUEST PROCESS

17.1 Any request for Interconnection or access to an Unbundled Network Element or ancillary service that is not already available as described in other sections of this Agreement, including but not limited to Exhibit F or any other interconnection agreement, Tariff or otherwise defined by Qwest as a product or service shall be treated as a Bona Fide Request (BFR). Qwest shall use the BFR Process to determine the terms and timetable for providing the requested Interconnection, access to UNEs or ancillary services, and the technical feasibility of new/different points of Interconnection. Qwest will administer the BFR Process in a non-discriminatory manner.

17.2 A BFR shall be submitted in writing and on the appropriate Qwest form for BFRs. CLEC and Qwest may work together to prepare the BFR form and either Party may request that such coordination be handled on an expedited basis. This form shall be accompanied by the processing fee specified in Exhibit A of this Agreement. Qwest will refund one-half (1/2) of the processing fee if the BFR is cancelled within ten (10) business days of the receipt of the BFR form. The form will request, and CLEC will need to provide, the following information, and may also provide any additional information that may be reasonably necessary in describing and analyzing CLEC's request:

17.2.1 a technical description of each requested Network Element or new/different points of Interconnection or ancillary services;

17.2.2 the desired interface specification;

17.2.3 each requested type of Interconnection or access;

17.2.4 a statement that the Interconnection or Network Element or ancillary service will be used to provide a Telecommunications Service;

17.2.5 the quantity requested; and

17.2.6 the specific location requested.

17.3 Within two (2) business days of its receipt, Qwest shall acknowledge receipt of the BFR and in such acknowledgment advise CLEC of missing information, if any, necessary to process the BFR. Thereafter, Qwest shall promptly advise CLEC of the need for any additional information required to complete the analysis of the BFR. If requested, either orally or in writing, Qwest will provide weekly updates on the status of the BFR.

17.4 Within twenty-one (21) calendar Days of its receipt of the BFR and all information necessary to process it, Qwest shall provide to CLEC an analysis of the BFR. The analysis shall specify Qwest's conclusions as to whether or not the requested Interconnection or access to an Unbundled Network Element complies with the unbundling requirements of the Act or state law.

17.5 If Qwest determines during the twenty-one (21) Day period that a BFR does not qualify as an Unbundled Network Element or Interconnection or ancillary service that is required to be provided under the Act or state law, Qwest shall advise CLEC as soon as reasonably possible of that fact, and Qwest shall promptly, but in no case later than the twenty-one (21) Day period, provide a written report setting forth the basis for its conclusion.

17.6 If Qwest determines during such twenty-one (21) Day period that the BFR qualifies under the Act or state law, it shall notify CLEC in writing of such determination within ten (10) calendar Days, but in no case later than the end of such twenty-one (21) Day period.

17.7 As soon as feasible, but in any case within forty-five (45) calendar Days after Qwest notifies CLEC that the BFR qualifies under the Act, Qwest shall provide to CLEC a BFR quote. The BFR quote will include, at a minimum, a description of each Interconnection, Network Element, and ancillary service, the quantity to be provided, any interface specifications, and the applicable rates (recurring and nonrecurring) including the separately stated development costs and construction charges of the Interconnection, Unbundled Network Element or ancillary service and any minimum volume and term commitments required, and the timeframes the request will be provisioned.

17.8 CLEC has sixty (60) business days upon receipt of the BFR quote, to either agree to purchase under the quoted price, or cancel its BFR.

17.9 If CLEC has agreed to minimum volume and term commitments under the preceding paragraph, CLEC may cancel the BFR or volume and term commitment at any time, but may be subject to termination liability assessment or minimum period charges.

17.10 If either Party believes that the other Party is not requesting, negotiating or processing any BFR in good faith, or disputes a determination or quoted price or cost, it may invoke the Dispute Resolution provision of this Agreement.

17.11 All time intervals within which a response is required from one Party to another under this Section are maximum time intervals. Each Party agrees that it will provide all responses to the other Party as soon as the Party has the information and analysis required to respond, even if the time interval stated herein for a response is not over.

17.12 In the event CLEC has submitted a request for Interconnection, Unbundled Network Elements or any combinations thereof, or ancillary services and Qwest determines in accordance with the provisions of this Section 17 that the request is Technically Feasible, subsequent requests or orders for substantially similar types of Interconnection, Unbundled Network Elements or combinations thereof or ancillary services by CLEC shall not be subject to the BFR process. To the extent Qwest has deployed or denied a substantially similar Interconnection, Unbundled Network Elements or combinations thereof or ancillary services under a previous BFR, a subsequent BFR shall not be required and the BFR application fee shall be refunded immediately. Qwest may only require CLEC to complete a New Product Questionnaire before ordering such Interconnection, Unbundled Network Elements or combinations thereof, or ancillary services. ICB pricing and intervals will still apply for requests that are not yet standard offerings. For purposes of this Section 17.12, a "substantially similar" request shall be one with substantially similar characteristics to a previous request with respect to the information provided pursuant to Subsections 17.2.1 through 17.2.8 of Section 17.2 above. The burden of proof is upon Qwest to prove the BFR is not substantially similar to a previous BFR.

17.13 The total cost charged to CLEC shall not exceed the BFR quoted price.

17.14 Upon request, Qwest shall provide CLEC with Qwest's supporting cost data and/or studies for the Interconnection, Unbundled Network Element or ancillary service that CLEC wishes to order within seven (7) business days, except where Qwest cannot obtain a



release from its vendors within seven (7) business days, in which case Qwest will make the data available as soon as Qwest receives the vendor release. Such cost data shall be treated as Confidential Information, if requested by Qwest under the non-disclosure sections of this Agreement.

17.15 Qwest will provide notice to CLECs of all BFRs which have been deployed or denied, provided, however, that identifying information such as the name of the requesting CLEC and the location of the request shall be removed. Qwest shall make available a topical list of the BFRs that it has received with CLECs under this SGAT or an Interconnection Agreement. The description of each item on that list shall be sufficient to allow CLEC to understand the general nature of the product, service, or combination thereof that has been requested and a summary of the disposition of the request as soon as it is made. Qwest shall also be required upon the request of CLEC to provide sufficient details about the terms and conditions of any granted requests to allow CLEC to take the same offering under substantially identical circumstances. Qwest shall not be required to provide information about the request initially made by CLEC whose BFR was granted, but must make available the same kinds of information about what it offered in response to the BFR as it does for other products or services available under this Agreement. CLEC shall be entitled to the same offering terms and conditions made under any granted BFR, provided that Qwest may require the use of ICB pricing where it makes a demonstration to CLEC of the need therefor.

## Section 18.0 - AUDIT PROCESS

18.1 Nothing in this Section 18 shall limit or expand the Audit provisions in the Performance Assurance Plan (PAP). Nothing in the PAP shall limit or expand the Audit provisions in this Section 18. For purposes of this section the following definitions shall apply:

18.1.1 "Audit" shall mean the comprehensive review of the books, records, and other documents used in providing services under this Agreement. The term "Audit" also applies to the investigation of company records, back office systems and databases pertaining to Loop information.

18.2 This Audit shall take place under the following conditions:

18.2.1 Either Party may request to perform an Audit or Examination.

18.2.2 The Audit or Examination shall occur upon thirty (30) business days written notice by the requesting Party to the non-requesting Party.

18.2.3 The Audit or Examination shall occur during normal business hours. However, such Audit will be conducted in a commercially reasonable manner and both Parties will work to minimize disruption to the business operations of the Party being audited.

18.2.4 There shall be no more than two (2) Audits requested by each Party under this Agreement in any twelve (12) month period. Either Party may audit the other Party's books, records and documents more frequently than twice in any twelve (12) month period (but no more than once in each quarter) if the immediately preceding audit found previously uncorrected net variances, inaccuracies or errors in invoices in the audited Party's favor with an aggregate value of at least two percent (2%) of the amounts payable for the affected services during the period covered by the Audit.

18.2.5 The requesting Party may review the non-requesting Party's records, books and documents, as may reasonably contain information relevant to the operation of this Agreement.

18.2.6 The location of the Audit or Examination shall be the location where the requested records, books and documents are retained in the normal course of business.

18.2.7 All transactions under this Agreement which are over twenty-four (24) months old will be considered accepted and no longer subject to Audit. The Parties agree to retain records of all transactions under this Agreement for at least twenty-four (24) months.

18.2.8 Audit or Examination Expenses

18.2.8.1 Each Party shall bear its own expenses in connection with conduct of the Audit or Examination. The requesting Party will pay for the reasonable cost of special data extractions required by the Party to conduct the Audit or Examination. For purposes of this section, a "Special Data Extraction" means 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 the requesting Party's specification and at that Party's expense, the requesting Party will specify at the time of request whether the program is to be retained by the other Party for reuse for any subsequent Audit or Examination.

18.2.8.2 Notwithstanding the foregoing, the non-requesting Party shall pay all of the requesting Party's commercially reasonable expenses in the event an Audit or Examination identifies a difference between the amount billed and the amount determined by the Audit that exceeds five percent (5%) of the amount billed and results in a refund and/or reduction in the Billing to the requesting Party.

18.2.9 The Party requesting the Audit may request that an Audit be conducted by a mutually agreed-to independent auditor, which agreement will not be unreasonably withheld or delayed by the non-requesting Party. Under this circumstance, the costs of the independent auditor shall be paid for by the Party requesting the Audit subject to Section 18.2.8.2.

18.2.10 In the event that the non-requesting Party requests that the Audit be performed by an independent auditor, the Parties shall mutually agree to the selection of the independent auditor. Under this circumstance, the costs of the independent auditor shall be shared equally by the Parties. The portion of this expense borne by the requesting Party shall be borne by the non-requesting Party if the terms of Section 18.2.8.2 are satisfied.

18.2.11 Adjustments, credits or payments will be made and any corrective action must commence within thirty (30) Days after the Parties' receipt of the final Audit report to compensate for any errors and omissions which are disclosed by such Audit or Examination and are agreed to by the Parties. The interest rate payable shall be in accordance with Commission requirements. In the event that any of the following circumstances occur within thirty (30) business days after completion of the Audit or Examination, they may be resolved at either Party's election, pursuant to the Dispute Resolution Process; (i) errors detected by the Audit or Examination have not been corrected; (ii) adjustments, credits or payments due as a result of the Audit or Examination have not been made, or (iii) a dispute has arisen concerning the Audit or Examination.

18.2.12 Neither the right to examine and Audit nor the right to receive an adjustment will be affected by any statement to the contrary appearing on checks or otherwise.

18.2.13 This Section will survive expiration or termination of this Agreement for a period of two (2) years after expiration or termination of the Agreement.

18.3 All information received or reviewed by the requesting Party or the independent auditor in connection with the Audit is to be considered Proprietary Information as defined by this Agreement in Section 5.16. The non-requesting Party reserves the right to require any non-employee who is involved directly or indirectly in any Audit or the resolution of its findings as described above to execute a nondisclosure agreement satisfactory to the non-requesting Party. To the extent an Audit involves access to information of other competitors, CLEC and Qwest will aggregate such competitors' data before release to the other Party, to insure the protection of the proprietary nature of information of other competitors. To the extent a competitor is an

Affiliate of the Party being audited (including itself and its subsidiaries), the Parties shall be allowed to examine such Affiliate's disaggregated data, as required by reasonable needs of the Audit. Information provided in an Audit or Examination may only be reviewed by individuals with a need to know such information for purposes of this Section 18 and who are bound by the nondisclosure obligations set forth in Section 5.16. In no case shall the Confidential Information be shared with the Parties' retail marketing, sales or strategic planning.

18.3.1           Either Party may request an Audit of the other's compliance with this Agreement's measures and requirements applicable to limitations on the distribution, maintenance, and use of proprietary or other protected information that the requesting Party has provided to the other. Those Audits shall not take place more frequently than once in every three (3) years, unless cause is shown to support a specifically requested Audit that would otherwise violate this frequency restriction. Examinations will not be permitted in connection with investigating or testing such compliance. All those other provisions of this Section 18 that are not inconsistent herewith shall apply, except that in the case of these Audits, the Party to be audited may also request the use of an independent auditor.

## **Section 19.0 - CONSTRUCTION CHARGES**

19.1 All rates, charges and initial service periods specified in this Agreement contemplate the provision of network Interconnection services and access to Unbundled Loops or ancillary services to the extent existing facilities are available. Except for modifications to existing facilities necessary to accommodate Interconnection and access to Unbundled Loops or ancillary services specifically provided for in this Agreement, Qwest will consider requests to build additional or further facilities for network Interconnection and access to Unbundled Loops or ancillary services, as described in the applicable section of this Agreement.

19.2 All necessary construction will be undertaken at the discretion of Qwest, consistent with budgetary responsibilities, consideration for the impact on the general body of End User Customers and without discrimination among the various Carriers.

19.3 A quote for CLEC's portion of a specific job will be provided to CLEC. The quote will be in writing and will be binding for ninety (90) business days after the issue date. When accepted, CLEC will be billed the quoted price and construction will commence after receipt of payment. If CLEC chooses not to have Qwest construct the facilities, Qwest reserves the right to bill CLEC for the expense incurred for producing the engineered job design.

19.4 In the event a construction charge is applicable, CLEC's service Application Date will become the date upon which Qwest receives the required payment.

## **Section 20.0 - SERVICE PERFORMANCE**

Performance Indicator Definitions (PIDs), in their current form as developed by the Regional Oversight Committee, are included in Exhibit B of this Agreement. Subsequent changes to these PIDs that are made by the Regional Oversight Committee shall be incorporated into Exhibit B by reference. Modifications of PIDs that apply to the Qwest Performance Assurance Plan (QPAP) shall be made in accordance with Section 16.0 of Exhibit K.

## Section 21.0 - NETWORK STANDARDS

21.1 The Parties recognize that Qwest services and Network Elements have been purchased and deployed, over time, to Telcordia and Qwest technical standards. Specification of standards is built into the Qwest purchasing process, whereby vendors incorporate such standards into the equipment Qwest purchases. Qwest supplements generally held industry standards with Qwest Technical Publications.

21.2 The Parties recognize that equipment vendors may manufacture Telecommunications equipment that does not fully incorporate and may differ from industry standards at varying points in time (due to standards development processes and consensus) and either Party may have such equipment in place within its network. Except where otherwise explicitly stated within this Agreement, such equipment is acceptable to the Parties, provided said equipment does not pose a security, service or safety hazard to Persons or property.

21.3 Generally accepted and developed industry standards which the Parties agree to support include, but are not limited to:

### 21.3.1 Switching

GR-1428-CORE Toll Free Service

GR-1432-CORE TCAP

GR-317-CORE Call Control Using Integrated Services Digital User Part (ISDNUP)

GR-905-CORE ISUP

TR-NWT-001284 AIN 0.1 Switching System Generic Requirements

GR-905-CORE Common Channel Signaling Network Interface Specification

GR-1432-CORE CCS Network Interface Specification

Telcordia TR-TSY-000540, Issue 2R2

GR-305-CORE

GR-1429-CORE

GR-2863-CORE

FR-64 LATA LSSGR

GR-334-CORE Switched Access Service

TR-NWT-000335 Voice Grade Special Access Services

TR-TSY-000529 Public LSSGR

TR-NWT-000505 LSSGR Call Processing

FR-NWT-000271 OSSGR

TR-NWT-001156 OSSGR Subsystem

SR-TSY-001171 System Reliability Analysis

### 21.3.2 Transport

Telcordia FR-440

TR-NWT-000499 (TSGR) Transport Systems Generic Requirements

GR-820-CORE Generic Transmission Surveillance; DS1 and DS3 Performance

GR-253-CORE Synchronous Optical Network Systems (SONET)

TR-NWT-000507 Transmission

TR-NWT-000776 NID for ISDN Subscriber Access

TR-INS-000342 High Capacity Digital Special Access Service

ST-TEC-000051 & 52 Telecommunications Transmission Engineering Handbooks Volumes 1 & 2

ANSI T1.102-1993 Digital Hierarchy – Electrical Interface, Annex B.

### 21.3.3 Loops

TR-NWT-000057 Functional Criteria for Digital Loop Carrier Systems Issue 2

TR-NWT-000393 Generic Requirements for ISDN Basic Access Digital Subscriber Lines

GR-253-CORE SONET Common Generic Criteria

TR-NWT-000303 Integrated Digital Loop Carrier System Generic Requirements

TR-TSY-000673 Operations Interface for an IDLC System

GR-303-CORE Issue 1 Integrated Digital Loop Carrier System Generic Requirements

TR-NWT-000393 Generic Requirements for ISDN Basic Access Digital Subscriber Lines

TR-TSY-000008 Digital Interface Between the SLC 96 Digital Loop Carrier System and a Local Digital Switch



TR-NWT-008 and 303

TA-TSY-000120 Subscriber Premises or Network Ground Wire

GR-49-CORE Generic Requirements for Outdoor Telephone Network Interface Requirements

TR-NWT-000239 Indoor Telephone Network Interfaces

TR-NWT-000937 Generic Requirements for Outdoor and Indoor Building Entrance

TR-NWT-000133 Generic Requirements for Network Inside Wiring

#### 21.3.4 Local Number Portability

Number Portability Generic Switching and Signaling Requirements for Number Portability, Issue 1.00, February 12, 1996 (Editor – Lucent Technologies, Inc.);

Generic Requirements for SCP Application and GTT Function for Number Portability, Issue 0.95, Final Draft, September 4, 1996 (Editor – Ameritech Inc.);

Generic Operator Services Switching Requirements for Number Portability, Issue 1.00, Final Draft, April 12, 1996 (Editor – Nortel);

ATIS, TRQ No. 1, Technical Requirements for Number Portability Operator Services Switching Systems, April 1999;

ATIS, TRQ No. 2, Technical Requirements for Number Portability Switching Systems, April 1999;

ATIS, TRQ No. 3, Technical Requirements for Number Portability Database and Global Title Translation, April 1999;

FCC First Report and Order and Further Notice of Proposed Rulemaking; FCC 96-286; CC Docket 95-116, RM 8535; Released July 2, 1996;

FCC First Memorandum Opinion and Order on Reconsideration; FCC 97-74; CC Docket 95-116, RM 8535; Released March 11, 1997.

FCC Second Report and Order, FCC 97-298; CC Docket 95-116, RM 8535; Released August 18, 1997.

21.4 The Parties will cooperate in the development of national standards for Interconnection elements as the competitive environment evolves. Recognizing that there are no current national standards for Interconnection Network Elements, Qwest has developed its own standards for some Network Elements, including:

Qwest Interconnection – Unbundled Loop #77384

Expanded Interconnection and Collocation for Private Line Transport and Switched

Access Services - #77386

Unbundled Dedicated Interoffice Transport - #77389

Telecommunications Equipment Installation Guidelines - #77350.

21.5 Qwest Technical Publications have been developed to support service offerings, inform End User Customers and suppliers, and promote engineering consistency and deployment of developing technologies. Qwest provides all of its Technical Publications at no charge via web site: <http://www.qwest.com/techpub/>.

**Section 22.0 - SIGNATURE PAGE**

By signing below, and in consideration of the mutual promises set forth herein, and other good and valuable consideration, the Parties agree to abide by the terms and conditions set forth in this Interconnection Agreement.

**SC TxLink, LLC**

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Name Printed/Typed

\_\_\_\_\_  
Title

\_\_\_\_\_  
Date

**Qwest Corporation**

\_\_\_\_\_  
Signature

L. T. Christensen  
\_\_\_\_\_  
Name Printed/Typed

Director – Interconnection Agreements  
\_\_\_\_\_  
Title

\_\_\_\_\_  
Date