

## Section 1.0 - GENERAL TERMS

1.1 This Statement of Generally Available Terms and Conditions (SGAT) for Interconnection, Unbundled Network Elements, ancillary services, and resale of Telecommunications Services is filed by 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.

~~1.2 If this document is being used as the basis for negotiations of an Interconnection Agreement, it is between \_\_\_\_\_, (Competitive Local Exchange Carrier or CLEC) a \_\_\_\_\_ corporation and Qwest Corporation (Qwest), a Colorado corporation, 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.~~ Intentionally Left Blank

1.3 This ~~Agreement~~SGAT sets forth the terms, conditions and pricing under which Qwest will offer and provide to any requesting CLEC network hterconnection, access to Unbundled Network Elements, ancillary services, and Telecommunications Services available for resale within the geographical areas in which ~~both Parties~~Qwest is ~~are~~ providing local ~~Exchange Service~~exchange service at that time, and for which Qwest is the incumbent Local Exchange Carrier within the state of Washington for purposes of providing local Telecommunications Services. This ~~Agreement~~SGAT is available for the term set forth herein.

1.4 Individual CLECs may adopt this SGAT, in lieu of entering into an individually ~~negotiated~~ Interconnection agreement, by signing the Signature Page in Section 22 of this SGAT and by delivering a signed copy of this SGAT to Qwest, pursuant to the ~~notification~~notice provision of this SGAT contained in Section 5.21. ~~Upon adoption of the~~The date on SGAT by CLEC, the SGAT becomes an Interconnection agreement which Qwest receives an executed copy of this SGAT shall hereafter be referred to as the "Effective Date" of the Agreement between Qwest and CLEC. ~~Qwest shall notify CLEC of the Effective Date pursuant to notice provisions. The Parties shall satisfy all state Interconnection agreement filing requirements.~~

1.5 This SGAT, once it is approved or permitted to go into effect by the Commission, offers CLECs an alternative to negotiating an individual Interconnection agreement with Qwest, or adopting an existing approved Interconnection agreement between Qwest and another CLEC pursuant to Section 252(i) of the Act. In this respect, neither the submission nor approval of this SGAT nor any provision herein shall affect Qwest's willingness to negotiate an individual agreement with any requesting carrier pursuant to Section 252 of the Telecommunications Act of 1996.

~~1.6 Qwest may modify this SGAT prior to the date it is approved or permitted to go into effect. If Qwest files a modification, the section modified shall be considered withdrawn, and the section as modified will be approved or permitted to go into effect pursuant to the Schedule for Review set forth in 252(f) of the Act. For the purposes of the Schedule for Review set forth in section 252(f) of the Act, the sixty (60) day timeframe for this SGAT to take effect shall commence from the filing of this SGAT and shall not be affected by the filing of any modification.~~

~~1.7 Following the date this SGAT is approved or allowed to take effect, Qwest may file amendments to this SGAT, which shall be approved or permitted to take effect pursuant to the~~

~~Schedule for Review set forth in Section 252(f) of the Act. At the time any amendment is filed, the section amended shall be considered withdrawn, and no CLEC may adopt the section considered withdrawn following the filing of any amendment, even if such amendment has not yet been approved or allowed to take effect.~~

~~1.7.1 Notwithstanding the above or anything contained in Section 1 of this Agreement, 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 Agreement, no formal amendment to the Interconnection agreement is necessary. Qwest will notify CLEC of the availability of these new services through the product notification process through the Co-Provider Industry Change Management Process (CICMP). CLEC must first update the relevant section(s) of the New Product Questionnaire to establish ordering and billing processes. Then by placing its orders, CLEC agrees to abide by all of the then current rates, terms and conditions as set forth in the then current template agreement applicable to such new services. If CLEC wishes to negotiate an amendment with different terms and conditions than defined in the then current template agreement, CLEC agrees to abide by those terms and conditions until the amendment is approved and a parallel processing letter agreement is executed.~~

~~1.8 This SGAT represents Qwest's standard contract offer and, as such, CLECs with a current Interconnection agreement may opt into, any individual Interconnection, service, or network element arrangement in this SGAT, in accordance with Section 252(i) requirements in the Telecommunications Act of 1996, and the Washington Utilities and Transportation Commissions' Interpretive and Policy Statement issued in Washington Docket UT 990355, by executing an appropriate amendment to its current Interconnection agreement.~~Intentionally Left Blank

1.7 Once this SGAT is approved or permitted to go into effect, any amendment to the SGAT by Qwest will be accomplished through Section 252 of the Act. When Qwest files an amendment to the SGAT with the Commission, Qwest shall provide notice of such filing through the Co-Provider Industry Change Management Process (CICMP). Qwest shall also request that the Commission notify all interested parties of the filing. In addition, any amendment to the SGAT filed by Qwest shall have no effect on the SGAT (either to withdraw or replace effective provisions or to add provisions) until such amendment is approved by the Commission or goes into effect by operation of law. Once CLEC executes Section 22 and delivers a signed copy to Qwest pursuant to the notice provisions of this SGAT, the currently effective SGAT will become the Interconnection Agreement between the CLEC and Qwest (this Agreement), and shall be subject to the same rules and laws as other Interconnection Agreements in effect in this state. Once this SGAT becomes the Interconnection Agreement between CLEC and Qwest, 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 CICMP. 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 \_\_\_\_\_), to be furnished by Qwest, and include as an attachment, the discreet terms and conditions available on Qwest's Wholesale website, 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 by ~~executing~~ on an interim basis by executing the Interim Advice Adoption Letter based upon the terms and conditions available on Qwest's wholesale website 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 ~~amendment~~ Advice Adoption Letter was executed. No new product offering or accompanying ~~template agreement or interim amendment~~ Interim Advice Adoption Letter will be construed to limit or add to any rates, terms or conditions existing in this Agreement.

1.8 Because this SGAT is Qwest's standard contract offer, CLECs with a current Interconnection Agreement may opt into, through Section 252(i) of the Act, any provision of the SGAT by executing an appropriate amendment to its current Interconnection Agreement.

1.8.1 When opting into a provision, Qwest may require CLEC to accept legitimately related provisions to ensure that the provision retains the context set forth in the SGAT. At all times, Qwest bears the burden of establishing that an SGAT provision is legitimately related.

1.8.2 To opt into a provision of the SGAT through Section 252(i), CLEC must provide Qwest with written notice of such intention specifying in detail the provisions of the SGAT selected in the form of a proposed amendment to the Interconnection Agreement which has been signed by CLEC. Qwest shall make a form or sample amendment as well as the currently effective SGAT, available in electronic form for use by CLEC to prepare the written notice. Once Qwest receives such written notice, it shall have a reasonable period of time to submit a formal written response either accepting the change and signing the amendment or identifying those additional provisions that Qwest believes are legitimately related and must also be included as part of the amendment. If Qwest identifies additional provisions that Qwest believes are legitimately related, Qwest shall specify the provisions in the proposed amendment, if any, to which the additional provisions are not legitimately related and which could be included in a revised proposed amendment that would be acceptable to Qwest. Under ordinary circumstances, a reasonable period of time shall be deemed to be fifteen (15) business days. In addition, Qwest shall provide to CLEC in writing an explanation of why Qwest considers the

provisions legitimately related, including legal, technical, or other considerations. In extraordinary circumstances, where CLEC's requested modification is complex, Qwest shall have additional time to perform its review. When such extraordinary circumstances exist, Qwest will notify CLEC in writing within fifteen (15) business days from the notice and advise CLEC that additional time is necessary. In no event shall a reasonable period of time be deemed to be greater than twenty (20) business days from the time of CLEC's notice.

1.8.3 If Qwest has identified additional provisions that Qwest believes are legitimately related and has specified provisions in the proposed amendment to which those provisions are not legitimately related, CLEC may provide Qwest with a revised proposed amendment that deletes the disputed provisions, which Qwest shall accept and sign. Regardless of whether CLEC provides Qwest with a revised proposed amendment, if CLEC disputes Qwest's written response that additional SGAT provisions are legitimately related, then CLEC may immediately demand that the dispute be submitted to dispute resolution and CLEC shall submit such dispute to dispute resolution within fifteen (15) days from such receipt of Qwest's response. CLEC may, at its sole option, elect to have the dispute resolution conducted through one of the following methods of dispute resolution:

1.8.3.1 The dispute may be settled by the Commission. Such dispute resolution shall be conducted pursuant to Commission rules or regulations specifying a procedure for submission, hearing and resolving issues pursuant to Section 252(i) of the Act or rules and regulations specifying procedures for submission of a dispute arising under an Interconnection ~~agreement, as appropriate.~~ Agreement, as appropriate. If the Commission shall not have established any such rules or regulations, CLEC may file a complaint with the Commission. The Commission may elect to hear the complaint under expedited procedures.

1.8.3.2 The dispute may be settled by arbitration. Such an arbitration proceeding shall be conducted by a single arbitrator. The arbitration proceedings shall be conducted under the then-current rules of the American Arbitration Association (AAA). The Federal Arbitration Act, 9 U.S.C. Sections 1-16, not state law, shall govern the arbitrability of the dispute. All expedited procedures prescribed by AAA rules shall apply. The arbitrator's award shall be final and binding and may be entered in any court having jurisdiction thereof. Except for a finding of bad faith as set forth in 1.8.3.3, each Party shall bear its own costs and attorney's fees, and shall share equally in the fees and expenses of the arbitrator. The arbitration proceedings shall occur in the metropolitan area or in another mutually agreed upon location.

1.8.3.3 Each Party to the dispute shall bear the responsibility of paying its own attorney's fees and costs in prosecuting/defending the action. However, if either Party is found to have brought or defended the action in "bad faith", then that Party shall be responsible for reimbursing the other Party for its reasonable attorney's fees and costs in prosecuting or defending the action.

1.8.4 If Qwest accepts a CLEC proposed change to adopt certain SGAT language and signs the amendment, the Parties shall begin abiding by the terms of the amendment immediately upon CLEC's receipt of the signed amendment. Qwest shall be responsible for submitting the proposed change to the Commission for its approval within ten (10) business days from receipt of the signed amendment. The amendment shall be deemed effective upon approval of the amendment by the Washington Commission.



## Section 2.0 - INTERPRETATION AND CONSTRUCTION

2.1 This Agreement (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 inserted for convenience of reference only and are not intended to be a part of or to 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. Unless the context shall otherwise require, any reference to any agreement, other instrument (including Qwest or other third party offerings, guides or practices), statute, regulation, rule or Tariff applies to such agreement, instrument, statute, regulation, rule or Tariff as amended and supplemented from time to time (and, in the case of a statute, regulation, rule or Tariff, to any successor provision).

2.2 The provisions in this Agreement are based, in large part, on the existing state of the law, rules, regulations and interpretations thereof, as of the date hereof (the Existing Rules). Among the Existing Rules are the results of arbitrated decisions by the Commission which are currently being challenged by Qwest or 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 the date hereof (the "Existing Rules"). Nothing in this Agreement shall be deemed an CLEC. Among the Existing Rules are certain FCC rules and orders that are the subject of, or affected by, the opinion issued by the Supreme Court of the United States in AT&T Corp., et al. v. Iowa Utilities Board, et al. on January 25, 1999. Many of the Existing Rules, including rules concerning which network elements are subject to unbundling requirements, may be changed or modified during legal proceedings that follow the Supreme Court opinion. Among the Existing Rules are the FCC's orders regarding BOCs' applications under Section 271 of the Act. Qwest is basing the offerings in this Agreement on the Existing Rules, including the FCC's orders on BOC 271 applications. Nothing in this Agreement shall be deemed an admission by Qwest concerning the interpretation or effect of the Existing Rules or an admission by Qwest that the Existing Rules should not be 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, dismissed, stayed or modified. To the extent that the Existing Rules are changed, vacated, dismissed, stayed or modified, then this Agreement and all contracts adopting all or part of this Agreement shall be amended to reflect such modification or change of the Existing Rules. Where the Parties fail to agree upon such an amendment within sixty (60) days from the effective date of the modification or change of the Existing Rules, it shall be resolved in accordance with the Dispute Resolution provision of this Agreement. It is expressly understood that this Agreement will be corrected to reflect the outcome of generic proceedings by the Commission for pricing, service standards, or other matters covered by this Agreement. This Section 2.2 shall be considered part of the rates, terms and conditions of each Interconnection, service and network element arrangement contained in this Agreement, and this Section 2.2 shall be considered legitimately related to the purchase of each Interconnection, service and network element arrangement contained in this Agreement.

2.3 In cases of conflict between Qwest's wholesale Product Catalog (PCAT) (formerly IRRG), product descriptions, methods and procedures, or a technical publication, and this Agreement, the rates, terms and conditions of this Agreement shall prevail over such PCAT

~~product descriptions, methods and procedures, or a technical publication.~~

~~2.4 — This SGAT will take effect by operation of law pursuant to Section 252 (f)(3)(B) of the Act within sixty (60) days of its submission to the Commission. While the SGAT is “in effect”, Qwest will not represent the SGAT as Commission approved. The Commission also retains authority to review this SGAT after it is “in effect”.~~

~~Section 3.0 – IMPLEMENTATION SCHEDULE~~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 section 2.2, to reflect the outcome of generic proceedings by the Commission for pricing, service standards, or other matters covered by this Agreement. 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 up to sixty (60) days. If the Parties fail to agree on an amendment during the 60 day negotiation period, the Parties agree that the first matter to be resolved during Dispute Resolution will be the implementation of an interim operating agreement between the Parties regarding the disputed issues, to be effective during the pendency of Dispute Resolution. The Parties agree that the interim operating agreement shall be determined and implemented within the first fifteen (15) days of Dispute Resolution and the Parties will continue to perform their obligations in accordance with the terms and conditions of this Agreement, until the interim operating agreement is implemented-. 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 the SGAT 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 SGAT, then the rates, terms and conditions of this SGAT 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.

2.4 This SGAT will take effect by operation of law pursuant to Section 252 (f)(3)(B) of the Act within sixty (60) days of its submission to the Commission. While the SGAT is “in effect”, Qwest will not represent the SGAT as Commission approved. The Commission also retains authority to review this SGAT after it is “in effect”.



## 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 date on which CLEC signs and delivers an executed copy of this Agreement, in accordance with Section 1, shall hereafter be referred to as the "Effective Date" of the Agreement between Qwest and CLEC. Thereupon, the Parties shall complete Qwest's "CLEC Questionnaire," and negotiate an Interconnection implementation schedule~~ 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 CLEC 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)

~~Qwest's "CLEC Questionnaire".~~ 3.2.1 The remainder of this questionnaire must be completed within two (2) weeks of completing the initial portion of the questionnaire for Qwest to continue processing new orders. This questionnaire will ~~then~~ 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.

~~3.3 — Prior to placing any orders for services under this Agreement, the Parties will finalize an Interconnection implementation schedule. Subject to the terms and conditions of this Agreement, each Party shall exercise reasonable efforts to adhere to the Interconnection implementation schedule.~~  
3.2.12 CLECs that have previously completed a Questionnaire need not fill out a new CLEC Questionnaire; however, CLEC will update its CLEC Questionnaire with any changes in the required information that have occurred and communicate those changes to Qwest if no changes in the information required have occurred. 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.

3.3 Intentionally Left Blank

3.4 Intentionally Left Blank

**Section 4.0 – DEFINITIONS – (Definitions based on the June 29, 2001 SGAT filing, except numbers have been removed)**

“Access Service Request” or “ASR” means the industry standard 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.

"Act" means the Communications Act of 1934 (47 U.S.C. 151 et. seq.), as amended by the Telecommunications Act of 1996, and as from time to time interpreted in the duly authorized rules and regulations of the FCC or the Commission.

“Application Date” or “APP” means the date CLEC provides Qwest a firm commitment and sufficient information to provide service.

"Automatic Number Identification" or "ANI" means a Feature Group D signaling parameter which refers to the number transmitted through a network identifying the billing number of the calling party.

"Basic Exchange Features" are optional end user switched services that include, but are not necessarily limited to: Automatic Call Back; Call Trace; Caller ID and Related Blocking Features; Distinctive Ringing/Call Waiting; Selective Call Forward; and Selective Call Rejection.

“Basic Exchange Telecommunications Service” means a service offered to end users which provides the end user with a telephonic connection to, and a unique local telephone number address on, the public switched telecommunications network, and which enables such end user 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.

“Bona Fide Request” or “BFR” means a request for a new Interconnection or unbundled element not already available in this Agreement for the provision of local Telecommunications Services.

“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’s Basic Exchange Telecommunications Service line.

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

"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 station Loops, or equivalent,

for the purpose of interconnecting to each other and to trunks; and

“Tandem Office 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 or is used to connect and switch trunk circuits between and among other Central Office Switches. A fact based consideration of geography and function should be used to classify any switch.

“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. Qwest offers eight (8) Collocation arrangements: Virtual Collocation, Caged Physical Collocation, Cageless Physical Collocation, Shared Caged Physical Collocation, Adjacent Collocation, Interconnection Distribution Frame Collocation, Common Area Splitter Collocation, and Remote Collocation.

“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.

“Commission” means the Washington Utilities and Transportation Commission.

“Common Channel Signaling” or “CCS” means a method of digitally transmitting call set-up and network control data over a special signaling network fully separate from the public voice switched network elements that carry the actual call.

“Competitive Local Exchange Carrier” or “CLEC” refers to a Party that has submitted a request, pursuant to Sections 1 and 3 of this Agreement, to obtain Interconnection, access to Unbundled Network Elements, ancillary services, or resale of Telecommunications Services pursuant to the terms of this Agreement. A CLEC is an entity authorized to provide Local Exchange Service that does not otherwise qualify as an Incumbent Local Exchange Carrier (ILEC).

“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.

“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.

“Enhanced Services” means any service offered over common carrier transmission facilities that employ computer processing applications that act on format, content, code, protocol or similar aspects of a subscribers transmitted information; that provide the subscriber with different or restructured information; or involve end user interaction with stored information.

"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 as determined by the Commission.

"Facility Complete Date" or "FCD" means the date all pre-service tests are performed, including stress tests.

"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 the CLEC 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.

"Individual Case Basis or "ICB" means each UNE or resale product marked as ICB will be handled individually on a pricing and/or interval commitment basis. Where ICB appears, CLEC should contact their account team for pricing, ordering, provisioning or maintenance information.

"Information Service" is as defined in the Telecommunications Act of 1996 and FCC Order on Remand and Report and Order in CC Docket 99-68 and includes ISP-bound traffic.

"Information Services Access" means the offering of access to Information Services Providers.

"Information Services Providers" or "ISPs" are providers of Information Services.

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

"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.

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

"Internet Related Traffic" refers to dial-up access through an entity which may include computer processing, protocol conversions, information storage or routing with transmission to enable users to access internet content or data services.

"Exchange Access (IntraLATA Toll) 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.

"Legitimately Related" terms and conditions are those rates, terms, and conditions that relate solely to the individual Interconnection, service or element being requested by CLEC under Section 252(i) of the Act, and not those that specifically relate to other Interconnection, services or elements in the approved Interconnection agreement. These rates terms and conditions are those that, when taken together, are the necessary rates, terms and conditions for establishing the business relationship between the Parties as to that particular interconnection, service or element. These terms and conditions would not include general terms and conditions to the extent that the CLEC's Interconnection agreement already contains the requisite general terms and conditions.

"Local Exchange Carrier" (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 Interconnection Service (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 Loop Transmission" or "Loop" or "Unbundled Loop" is defined as a transmission facility between a distribution frame (or its equivalent) in an incumbent LEC central office and the Loop demarcation point at an end user's premises. The Local Loop network element includes all features, functions, and capabilities of such transmission facility. Those features, functions, and capabilities include, but are not limited to, Dark Fiber, attached electronics (except those electronics used for the provision of advanced services, such as Digital Subscriber Line Access Multiplexers), and line conditioning. The Local Loop includes, but is not limited to, DS1, DS3, fiber, and other high capacity Loops.

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

"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 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 ours, or on a Saturday. Premium Maintenance of Service charges apply when the Qwest technician performs work on either a Sunday or Qwest-recognized holiday.

"MECAB" refers to the Multiple Exchange Carrier Access Billing (MECAB) document prepared by the Billing Committee of the Ordering and Billing Forum (OBF), that functions under the auspices of the Carrier Liaison Committee of the Alliance for Telecommunications Industry Solutions. The MECAB document, published by Telcordia as Special Report SR-BDS-000983,

contains the recommended guidelines for the billing of an Access Service.

"MECOD" refers to the Multiple Exchange Carriers Ordering and Design (MECOD) Guidelines for Access Services - Industry Support Interface, a document developed by the Ordering/Provisioning Committee under the auspices of the Ordering and Billing Forum (OBF), that functions under the auspices of the Carrier Liaison Committee of the Alliance for Telecommunications Industry Solutions. The MECOD document establishes recommended guidelines for processing orders for Access Service.

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

"Miscellaneous Charges" mean 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. Miscellaneous Charges are not already included in Qwest's recurring or nonrecurring rates. Miscellaneous Charges are listed in Exhibit A and include the following activities or charges: additional engineering, additional labor installation, additional labor other, testing and maintenance, Maintenance of Service, additional cooperative acceptance testing, nonscheduled cooperative testing, nonscheduled manual testing, additional dispatch, date change, design change, expedite charge and cancellation charge. These activities are described in Qwest's Access Services Tariff.

"North American Numbering Plan" or "NANP" means the numbering plan used in the United States that also serves 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.

"NXX" means the fourth, fifth and sixth digits of a ten-digit telephone number.

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

"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 LECs (including a LEC and CLEC). The POI is that point where the exchange of traffic takes place.

4.46 "Port" means a line or trunk connection point on a Central Office Switch but does not include switch features.

4.46(a) "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/>

"Proof of Authorization" (POA). POA shall consist of verification of the end user's selection and authorization adequate to document the end user's selection of its local service provider. Section 5.3 of this Agreement lists acceptable forms of documentation.

"Rate Center" means the specific geographic point (associated with one or more specific NPA-NXX codes and various Wire Centers), being used for billing and measuring Telecommunications Service. For example, a Rate Center will normally include several Wire Centers within its geographic area, with each Wire Center having one or more NPA-NXXs.

"Rate Center Area" is the geographic area within which Basic Exchange Services are provided for NPA-NXX designations associated with a particular Rate Center.

"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 as defined in 4.46(a), 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.

"Reseller" is a category of Local Exchange Service provider that obtains dial tone and associated Telecommunications Services from another provider through the purchase of Finished Services for resale to its end users.

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

"Service Control Point" or "SCP" means a signaling end point that acts as a database to provide information to another signaling end point (i.e., Service Switching Point or another SCP) for processing or routing certain types of network calls. A query/response mechanism is typically used in communicating with an SCP.



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

"Service Date" or "SD" means the date service is made available to the end user. This also is referred to as the "Due Date."

"Signaling Transfer Point" or "STP" means a signaling point that performs message routing functions and provides information for the routing of messages between signaling end points. An STP transmits, receives and processes Common Channel Signaling (CCS) messages.

"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 users 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 users, whether or not the traffic transits the other Party's network.

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

"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 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.

"Unbundled Network Element Platform" or "UNE-P" is a combination of Unbundled Network Elements, including Unbundled Loop, Unbundled Local Switching and Shared Transport. There are several forms of UNE-P, including but not limited to single line residence, single line business, and PBX Trunks.

"UNE Combination" means a combination of Unbundled Network Elements provided for in this Agreement.

"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.

Terms not otherwise defined here but defined in the Act shall have the meaning defined there.

## Section 5.0 - TERMS AND CONDITIONS

### 5.1 General Provisions

5.1.1 ~~Each Party shall use its best efforts to comply with the Implementation Schedule provisions that will be mutually agreed upon by the Parties.~~ Intentionally Left Blank

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 users.~~ Each 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 operational or physical integrity of the other Party's facilities, 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 this provision or refuse to provide the same type of service if it reasonably appears that that 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 users 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

~~5.1.7 A Telecommunications Carrier that receives or obtains proprietary information from another carrier for purposes of providing any Telecommunications Services shall use such information only for such purpose, and shall not use such information for its own marketing efforts.~~ elements, ancillary service and other related works 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 ~~upon Commission approval, pursuant to Sections 251 and 252 of the Act. The date on which CLEC submits a written request, on the date set forth in Section 14~~ pursuant to Section 3.1 of this Agreement, to obtain services pursuant to this Agreement shall hereafter be referred to as the "Effective Date" of this Agreement ~~between CLEC and Qwest. 252 of the Act.~~ This Agreement shall be binding upon the Parties ~~upon the Effective Date and for a term of two~~ three (3) years and shall expire three (3) years from the Effective Date. and shall terminate on \_\_\_\_\_.

5.2.2 Upon expiration of the term of this Agreement, this Agreement shall continue in force and effect until terminated by either Party on one hundred sixty (160) days written notice to the other Party. The date of this notice will be the starting point for the one hundred sixty (160) day negotiation window under Section 252 of the Act. If the Parties reach agreement, this Agreement will terminate on the date specified in the notice or on the date the Agreement is approved by the Commission, whichever is later. If the Parties arbitrate, this Agreement will terminate when the new agreement Agreement is approved by the Commission.

~~5.2.2.1~~ ~~————~~ ~~Prior~~ ~~Prior~~ to the conclusion of the ~~two (2) year~~ term specified in ~~Section 5.2.4~~ above, CLEC may obtain Interconnection services under the terms and conditions of a then-existing ~~Agreement~~ SGAT or agreement to become effective at the conclusion of the ~~two (2) year term~~ term or prior to the conclusion of the term if CLEC so chooses.

### 5.3 Proof of Authorization

~~5.3.1~~ ~~Where so indicated in specific sections of this Agreement, each~~ Each Party shall be responsible for obtaining and having in its possession Proof of Authorization (POA). ~~POA shall consist of documentation of the end user's selection of its local service provider. Such selection may be obtained in the following ways:~~ (POA) as required by applicable federal and state law, as amended from time to time.

~~5.3.1.1~~ ~~————~~ ~~The end user's electronic or written Letter of Authorization.~~

~~5.3.1.2~~ ~~————~~ ~~The end user's electronic authorization by use of an 8XX number.~~

~~5.3.1.3~~ ~~————~~ ~~The end user's oral authorization verified by an independent third party (with third party verification as POA).~~

~~5.3.2~~ The Parties shall make POAs available to each other upon ~~request~~ request in the event of an allegation of an unauthorized change in accordance with all applicable laws and ~~rules~~. ~~Unless prohibited by applicable laws or regulations, a charge equal to the amount of the Customer Transfer Charge as reflected on Exhibit A (slamming charge) will be assessed if the POA cannot be~~ rules and shall be subject to any penalties contained therein. ~~provided supporting the change in service provider. If there is a conflict between the end user designation and the other Party's written evidence of its authority, the Parties shall honor the designation of the end user and change the end user back to the previous service provider.~~

### 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) ~~days after receipt of the invoice, whichever is later.~~ 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 made the next Business Day.~~ 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.~~

~~5.4.2~~ Qwest may discontinue processing orders for the failure of CLEC to make full payment, ~~less any disputed amount as provided for in Section 5.4.4 of this Agreement, for the services provided under this Agreement within thirty (30) days of the due date on CLEC's bill. Qwest will notify CLEC in writing at least ten (10) days prior to discontinuing the processing of orders. If Qwest does not refuse to accept additional orders on the date specified in the ten (10) days notice, and CLEC's non-compliance continues, nothing contained herein shall preclude Qwest's right to refuse to accept additional orders from the noncomplying CLEC without further notice. For order processing to resume, CLEC will be required to make full payment of all past and current charges. Additionally, Qwest may require a deposit (or additional deposit) from CLEC, pursuant to this section.~~

~~5.4.3 Qwest may disconnect any and all services for failure by CLEC to make full payment, less any disputed amount as provided for in Section 5.4.4 of this Agreement, for the services provided under this Agreement within sixty (60) days of the due date on CLEC's bill. CLEC will pay the Tariff charge required to reconnect each resold end user line disconnected pursuant to this paragraph. Qwest will notify CLEC in writing at least ten (10) business days prior to disconnection of the service(s). In case of such disconnection, all applicable charges, including termination charges, shall become due. If Qwest does not disconnect CLEC's service(s) on the date specified in the ten (10) days notice, and CLEC's noncompliance continues, nothing contained herein shall preclude Qwest's right to disconnect any or all services of the noncomplying CLEC without further notice. For reconnection of service to occur, CLEC will be required to make full payment of all past and current charges. Additionally, Qwest will request a deposit (or additional deposit) from CLEC, pursuant to this section. Qwest agrees, however, that the application of this provision will be suspended for the initial three (3) billing cycles of this Agreement and will not apply to amounts billed during those three (3) cycles.~~

~~5.4.4 Should CLEC or Qwest dispute, in good faith, any portion of the monthly billing under this Agreement, the Parties will notify each other in writing within thirty (30) calendar days of the receipt of such billing, identifying the amount, reason and rationale of such dispute. CLEC and Qwest shall pay all amounts due. Both CLEC and Qwest agree to expedite the investigation of any disputed amounts in an effort to resolve and settle the dispute prior to initiating any other rights or remedies. If the resolved amount does not appear as a credit on the next invoice after resolution of the dispute, the resolved amount plus interest from the date of payment will be applied. The amount of interest will be calculated using the late payment factor that would have applied to such amount had it not been paid on time. Similarly, in the event a Party withholds payment for a disputed charge, and upon resolution of the matter it is determined that such payments should have been made, the billing Party is entitled to collect interest on the withheld amount, subject to the above provisions.~~

~~5.4.5 Qwest will determine CLEC's credit status based on previous payment history with Qwest or credit reports such as Dun and Bradstreet. If CLEC has not established satisfactory credit with Qwest or if CLEC is repeatedly delinquent in making its payments, Qwest may require a deposit to be held as security for the~~5.4.2 One Party may discontinue processing orders for the failure of the other party to make full payment for the relevant service, less any disputed amount as provided for in Section 5.4.4 of this Agreement, for the relevant services provided under this Agreement within thirty (30) calendar days following the payment due date. The billing Party will notify the other Party in writing at least ten (10) business days prior to discontinuing the processing of orders for the relevant services. If the billing Party does not refuse to accept additional orders for the relevant services on the date specified in the ten (10) business days notice, and the other Party's non-compliance continues, nothing contained herein shall preclude the billing Party's right to refuse to accept additional orders for the relevant services from the non-complying Party without further notice. For order processing to resume, the billed Party will be required to make full payment of all charges for the relevant services not disputed in good faith under this Agreement. Additionally, the billing Party may require a deposit (or additional deposit) from the billed Party, pursuant to this section. In addition to other remedies that may be available at law or equity, the billed Party reserves the right to seek equitable relief, including injunctive relief and specific performance.

5.4.3 The billing Party may disconnect any and all relevant services for failure by the billed Party to make full payment, less any disputed amount as provided for in Section 5.4.4 of this

Agreement, for the relevant services provided under this Agreement within sixty (60) calendar days following the payment due date. The billed Party will pay the applicable reconnect charge set forth on Exhibit A required to reconnect each resold end user line disconnected pursuant to this paragraph. The billing Party will notify the billed Party in writing at least ten (10) business days prior to disconnection of the unpaid service(s). In case of such disconnection, all applicable undisputed charges, including termination charges, shall become due. If the billing Party does not disconnect the billed Party's service(s) on the date specified in the ten (10) business day notice, and the billed Party's noncompliance continues, nothing contained herein shall preclude the billing Party's right to disconnect any or all relevant services of the non-complying Party without further notice. For reconnection of the non-paid service to occur, the billed Party will be required to make full payment of all past and current undisputed charges under this Agreement for the relevant service. Additionally, the billing Party will request a deposit (or recalculate the deposit) as specified in Section 5.4.5 and 5.4.7 from the billed Party, pursuant to this Section. Both Parties agree, however, that the application of this provision will be suspended for the initial three (3) billing cycles of this Agreement and will not apply to amounts billed during those three (3) cycles. In addition to other remedies that may be available at law or equity, each Party reserves the right to seek equitable relief, including injunctive relief and specific performance.

5.4.4 Should CLEC or Qwest dispute, in good faith, any portion of the non-recurring 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 CLECthe 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 disputed charges disputed at the time of payment or at any time thereafter pursuant to Section 5.4.4.3, at any timeand 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 or credit reports such as Dun and Bradstreet. 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 payment of charges before reconnection of service. "Repeatedly delinquent" means any payment received thirty (30) calendar days or more after the 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 1st three (3) period-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 Qwest, the billing Party, or some other form of mutually acceptable security such as a cash deposit. Required deposits are due and payable within ~~ten (10)~~ 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 ~~rules, regulations, or Tariffs.~~ regulations. Cash deposits and accrued interest will be credited to CLEC's the billing Party's account or refunded, as appropriate, upon the earlier of the two (2) year term or the establishment of satisfactory credit with the billing Qwest, Party, which will generally be one full year of timely payments of undisputed amounts in full by CLEC, 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.

5.4.7 ~~Qwest~~ The billing Party may review CLEC's the other Party's credit standing and modify the amount of deposit required but in no event will the maximum amount exceed the amount stated in 5.4.5.

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 ~~CLEC agrees to inform end user in writing of~~ Each Party shall be responsible for notifying its End-User Customers of any pending disconnection ~~by CLEC to allow end user of a non-paid service by the billed Party, if necessary, to allow those customers~~ to make other arrangements for Telecommunications Services such non-paid services.

## 5.5 Taxes

5.5.1 ~~Each Party purchasing services hereunder shall pay or otherwise be responsible for all~~ Any federal, state, or local sales, use, excise, gross receipts, transaction or similar taxes, fees or surcharges ~~levied against or upon such purchasing Party (or the providing Party when such providing Party is permitted to pass along to~~ 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 the purchasing Party such taxes, fees or surcharges), except for any tax on either Party's 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 ~~CLEC~~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 ~~B+XIII~~B+XIII with respect to liability arising from that Party's operations for which that Party has assumed legal responsibility in this Agreement. If either Party or its parent company has assets equal to or exceeding \$10,000,000,000, that Party may utilize an affiliate captive insurance company in lieu of a "Best's" rated insurer. To the extent that the parent company of a Party is relied upon to meet the \$10,000,000,000 asset threshold, such parent shall be responsible for the insurance obligations contained in this Section 5.6.1, to the extent its affiliated Party fails to meet such obligations.

5.6.1.1 Workers' Compensation 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 ~~CLEC~~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 ~~Comprehensive~~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 \$10,000,000 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 \$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. ~~CLEC may elect to~~

~~purchase business interruption and contingent business interruption insurance. Qwest has no liability for loss of profit or revenues should an interruption of service occur.~~

5.6.2 ~~CLEC shall~~ Each Party will initially provide certificate(s) of insurance evidencing coverage, and ~~annually thereafter within ten (10) calendar days of renewal of any coverage maintained pursuant to this Section.~~ thereafter will provide such certificate(s) upon request. Such certificates shall (1) name ~~Qwest~~ the other Party as an additional insured under commercial general liability ~~coverage as respects Qwest's interests; coverage;~~ (2) provide ~~Qwest~~ 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 ~~Qwest; and (4) provide~~ 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, ~~equipment failure,~~ power blackouts, volcanic action, other major environmental disturbances, ~~or unusually severe weather conditions, inability~~ conditions (collectively, a "Force Majeure Event"). ~~(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 ~~Except for losses~~ Each Party's liability to the other Party for any loss relating to or arising out of any act or omission in its performance ~~of services or functions provided under this Agreement, each Party shall be liable to the other for direct damages for any loss, defect or equipment failure including without limitation any penalty, reparation or liquidated damages 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 assessed by the Commission or under a Commission-ordered agreement (including without limitation penalties or liquidated damages assessed as a result of cable cuts), resulting from the causing Party's conduct or the conduct of its agents or contractors.~~ 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.

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.

~~5.8.3 Except for indemnity obligations, or as otherwise set forth in this Section, each Party's liability to the other Party for any loss relating to or arising out of any act or omission in its performance of services or functions provided result. If the Parties enter into a Performance Assurance Plan under this Agreement, whether in contract or in tort, shall be limited to the total amount that is 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.~~

~~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, including without limitation direct damages for loss of or damaged to the CLEC's collocated equipment located within the Collocation space.~~  
~~5.8.3 Intentionally Left Blank~~

5.8.4 Nothing contained in this Section 5.8 shall limit either Party's liability to the other for willful or intentional misconduct.

5.8.5 Nothing contained in this Section 5.8 shall limit either Party's obligations of indemnification as specified in ~~the Indemnity Section of Section 5.9 of 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 CLEC is liable for all fraud associated with service to its ~~end users and accounts customers~~. Qwest takes no responsibility, will not investigate, and will make no adjustments to CLEC's account in cases of fraud unless such fraud is the result of any intentional act or gross negligence of Qwest. Notwithstanding the above, if Qwest becomes aware of potential fraud with respect to CLEC's ~~accounts customers~~, Qwest will promptly inform CLEC and, at the direction and sole cost of CLEC, take reasonable action to mitigate the fraud where such action is possible.

## 5.9 Indemnity

5.9.1 ~~With respect to third party claims, the Parties agree to indemnify each other as follows:~~  
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 ~~Except for claims made by end users of one Party against the other Party, which claims are based on defective or faulty services provided by the other Party to the one Party, 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 other party or person, person or entity, for invasion of privacy, personal bodily injury to 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 performance, Indemnifying Party's breach of applicable law, or status of its employees, agents and subcontractors; or for 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.

5.9.1.2 ~~Where the third party claim is made by (or through) an end user of one Party against the other Party, which claim is based on defective or faulty services provided by the other Party to the one Party, then there shall be no obligation of indemnity unless the act or omission giving rise to the defective or faulty services is shown to be intentional and malicious misconduct of the other Party.~~

5.9.1.3 ~~———— If the claim is made by (or through) an end user and where a claim is in the nature of a claim for invasion of privacy, libel, slander, or other claim based on the content of a transmission, and it is made against a Party who is not the immediate provider of the Telecommunications Service to the end user (the indemnified provider), then in the absence of fault or neglect on the part of the indemnified provider, the Party who is the immediate seller of such Telecommunications Service shall indemnify, defend and hold harmless the indemnified provider from such claim.~~In the case of claims or loss alleged or incurred by an end user of either Party arising out of or in connection with services provided to the end user by the Party, the Party whose end user alleged or incurred such claims or loss (the Indemnifying Party) shall defend and indemnify the other Party and each of its officers, directors, employees and agents (collectively the Indemnified Party) against any and all such claims or loss by the Indemnifying Party's end users regardless of whether the underlying service was provided or unbundled element was provisioned by the Indemnified Party, unless the loss was caused by the willful misconduct of the Indemnified Party.

#### 5.9.1.3 Reserved for Future Use

5.9.1.4 ~~For purposes of this Section 5.9, Section 5.9.1.2, where the Parties have agreed to provision Line Sharingline sharing using a POTS splitter: Claims made by end users or customers of one Party against the other Party" refers to claims relating to the provision of DSL services made against the Party that provides voice services, or claims relating to the provision of voice service made against the Party that provides DSL services; and "immediate provider of the Telecommunications Service to the end user or customer" refers to the Party that provides DSL service"end user" means the DSL provider's end user for claims relating to DSL services, and to the Party that provides voice service provider's end user for claims relating to voiceservices. For purposes of this Section 5.9, "customer" refers to the immediate purchaser of the Telecommunications Services, whether or not that customer is the ultimate end user of that service.~~

5.9.2 The indemnification provided herein shall be conditioned upon:

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

5.9.2.2 ~~The~~ 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~~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~~Indemnifying Party settle or consent to any judgment pertaining to any such action without the prior written consent of the ~~indemnified Party~~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 Each Party hereby grants to the other Party the limited, personal and nonexclusive right and license to use its patents, copyrights and trade secrets but only to the extent necessary to implement this Agreement or specifically required by the then-applicable federal and state rules and regulations relating to Interconnection and access to telecommunications facilities and services, and for no other purposes. Nothing in this Agreement shall be construed as the grant to the other Party of any rights or licenses to ~~trademarks~~.

~~5.10.2 The~~trademarks. The rights and licenses above are granted "AS IS, WITH ALL FAULTS", and the other Party's exercise of any such right and license shall be at the sole and exclusive risk of the other Party.

~~Party. Neither~~5.10.2 Neither Party shall have any obligation to defend, indemnify or hold harmless, or acquire any license or right for the benefit of, or owe any other obligation or have any liability to, the other based on or arising from any claim, demand, or proceeding (hereinafter claim) by any third party alleging or asserting that the use of any circuit, apparatus, or system, or the use of any software, or the performance of any service or method, or the provision of any facilities by either Party under this Agreement constitutes infringement, or misuse or misappropriation of any patent, ~~copyright, trade secret, or any other proprietary or intellectual property right~~ of any third party.

~~5.10.3 As a condition to the access or use of patents, copyrights, trade secrets and other intellectual property (including software) owned or controlled by a third party to the extent necessary to implement this Agreement or specifically required by the then-applicable federal and state rules and regulations relating to Interconnection and access to telecommunications facilities and services, the Party providing access may require the other, upon written notice, from time to time, to obtain a license or permission for such access or use, make all payments in connection with obtaining such license, and provide evidence of such license.~~5.10.2.1 Notwithstanding the foregoing and subject to Section 5.10.2, Qwest shall indemnify and hold CLEC harmless from and against any loss, cost, expense or liability arising out of a claim that CLECs use, pursuant to the terms of this Agreement, of any facilities, services or equipment (including software) provided by Qwest in the performance of this Agreement, misappropriates trades secrets

or infringes on any copyright of any third party.

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.

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 users, 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 users 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 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 CLEC acknowledges the value of the mark "Qwest" (the "Mark") and the goodwill associated therewith and acknowledges that such goodwill is a property right belonging to Qwest Communications International Inc. (the "Owner"). CLEQwest and CLEC each recognizes that nothing contained in this Agreement is intended as an assignment or grant to CLECthe other of any right, title or interest in or to the Markstrademarks 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. CLEC will do nothingNeither Party will do anything inconsistent with the Owner'sother'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 the Owners. CLEC will not adopt, use (other than as authorized herein), register or seek to register any mark anywhere in the world which is identical or confusingly similar to the Marks or which is so similar thereto as to constitute a deceptive colorable imitation thereoftheir respective Owners. The Parties shall comply with all applicable law or to suggest or imply some association, sponsorship, or endorsement by the Owners. The Owners make no warranties regarding ownership of any rights in or the validity of the Marks.~~

## ~~5.11 Warranties~~

~~5.11.1 NOTWITHSTANDING ANY OTHER PROVISION OF 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. 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; however, if CLEC's assignee or transferee has an Interconnection agreement with Qwest, no assignment or transfer~~control without the consent of the other Party, provided that the performance of this Agreement shall be effective without the prior written consent of Qwest. Such consent shall include appropriate resolutions of conflicts and discrepancies between the assignee's or transferee's Interconnection agreement and 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 \_\_\_\_\_ ~~Without limiting the generality of the foregoing subsection, any merger, dissolution, consolidation or other reorganization of CLEC, or any sale, transfer, pledge or other disposition by CLEC of securities representing more than fifty percent (50%) of the securities entitled to vote in an election of CLEC's board of directors or other similar governing body, or any sale, transfer, pledge or other disposition by CLEC of substantially all of its assets, shall be deemed a transfer of control. If any entity, other than CLEC, involved in such merger, dissolution, consolidation, reorganization, sale, transfer, pledge or other disposition of CLEC has an Interconnection agreement with Qwest, the Parties agree that only one agreement, either this Agreement or the Interconnection agreement of the other entity, will remain valid. All other Interconnection agreements will be terminated. The Parties agree to work together to determine which Interconnection agreement should remain valid and which should terminate. In the event the Parties cannot reach agreement on this issue, the issue shall be resolved through the Dispute Resolution process contained in this Agreement.~~ Intentionally Left Blank

5.12.3 Nothing in this section is intended to restrict CLEC's rights to opt into Interconnection Agreements under § 252(i) 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 ~~business or marketing plans~~ with business or marketing plans end user specific, facility specific, or usage specific information, other than end user 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.

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 shall use the other Party's Proprietary Information only in connection with this Agreement. 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.

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 ~~made public~~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 CLEC forecasts provided to Qwest 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. ;

5.16.9.1 The Parties may disclose, on a need to know basis only, CLEC individual forecasts and forecasting information disclosed by Qwest, to legal personnel, if a legal issue arises about that forecast, as well as to CLEC's wholesale account managers, wholesale LIS and Collocation product managers, network and growth planning personnel responsible for preparing or responding to such forecasts or forecasting information. In no case shall –retail marketing, sales or strategic planning have access to this forecasting information. The Parties will inform all of the aforementioned personnel, with access to such Confidential Information, of its confidential nature and will require personnel to execute a nondisclosure agreement which states that, upon threat of termination, the aforementioned personnel may not reveal or discuss such information with those not authorized to receive it except as specifically authorized by law. Violations of these requirements shall subject the personnel to disciplinary action up to and including termination of employment.

5.16.9.1.1 Qwest will use aggregated CLEC forecast information to fulfill regulatory filing requirements and as required to fulfill its obligations under this SGAT. In no case will shall Qwest disclose aggregated information if such disclosure would, by its nature, reveal individual CLEC forecast information. Also, in no case shall Qwest provide access to this information to its retail marketing, sales or strategic planning personnel.

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 ~~completion of the two (2) year term,~~ 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 ~~the dispute resolution process set forth in this Section.~~ Section, provided, that nothing in this Section shall be interpreted to preclude either Party from using available procedures for relief before the Commission. Each notice of default, unless cured within the applicable cure period, shall be resolved in accordance ~~herewith.~~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 ~~thirty (30)~~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 ~~matter is referred to them, 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 ~~demand~~request that the Dispute be settled by arbitration. Notwithstanding the foregoing, a Party may request that the Dispute be ~~Such an~~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 ~~for commercial disputes~~ 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 ~~(AAA)-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. ~~All expedited procedures prescribed by the AAA rules shall apply.~~ 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 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 Party's, 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 ~~the terms of the Act~~applicable federal law and the state law of Arizona. It shall be interpreted solely in accordance with ~~the terms of the Act~~applicable federal law and the state law of Arizona.

## **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 were specified in this Agreement to Qwest and CLEC at the addresses shown below:

Qwest Corporation  
Director Interconnection Compliance  
1801 California, Room 2410  
Denver, CO 80202  
Email \_\_\_\_\_  
Phone \_\_\_\_\_  
Fax \_\_\_\_\_

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

and to CLEC at the address shown below:

Name: \_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
Email \_\_\_\_\_  
Phone \_\_\_\_\_  
Fax \_\_\_\_\_

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 ~~Unless specifically set forth herein, this Agreement does not provide and shall not be construed to provide third parties~~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, ~~cause~~claim of action, or other ~~privilege~~right in excess of those existing by reference in this Agreement.

## 5.24 Referenced Documents

5.24.1 All references to Sections shall be deemed to be references to Sections of this Agreement unless the context shall otherwise require. Whenever any provision of this Agreement refers to a technical reference, technical publication, Qwest practice, any publication of telecommunications industry administrative or technical standards, or any other document specifically incorporated into this Agreement, it will be deemed to be a reference to the most recent version or edition (including any amendments, supplements, addenda, or successors) of such document that is in effect, and will include the most recent version or edition (including any amendments, supplements, addenda, or successors) of each document incorporated by reference in such a technical reference, technical publication, Qwest practice, or publication of industry standards. The existing configuration of either Party's network may not be in immediate compliance with the latest release of applicable referenced documents.

## 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.~~that it might initiate to enforce this Agreement.



## 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 Communications Assistance Law Enforcement Act of 1994 (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 When this document is being used as an Interconnection agreement, it can only be amended in writing, executed by the duly authorized representatives of the Parties. 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.~~

## 5.31 Entire Agreement

~~5.31.1 ——— This Agreement constitutes the entire agreement between Qwest and CLEC and supersedes all prior oral or written agreements, representations, statements, negotiations, understandings, proposals and undertakings with respect to the subject matter hereof.~~

This Agreement, including all Exhibits and subordinate documents attached to it or referenced within, all of which are hereby incorporated herein, constitutes the entire agreement between Qwest and CLEC and supersedes all prior oral or written agreements, representations, statements, negotiations, understandings, proposals and undertakings with respect to the subject matter hereof.

**5.32 Reserved for Future Use**

## 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, 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.

9.1.2 Qwest shall provide non-discriminatory access to Unbundled Network Elements on rates, terms and conditions that are non-discriminatory, just and reasonable. The quality of an Unbundled Network Element Qwest provides, as well as the access provided to that element, will be equal between all carriers requesting access to that element; second, where technically feasible, the access and Unbundled Network Element provided by Qwest will be provided in “substantially the same time and manner” to that which Qwest provides to itself or to its affiliates. In those situations where Qwest does not provide access to network elements to itself, Qwest will provide access in a manner that provides CLEC with a meaningful opportunity to compete. For the period of time Qwest provides access to CLEC to an Unbundled Network Element, CLEC shall have exclusive use of the network element, except when the provisions herein indicate that a network element will be shared (such as shared transport). Notwithstanding the foregoing, Qwest shall provide access and UNEs at the service performance levels set forth in Section 20. Notwithstanding specific language in other sections of this Agreement, all provisions of this Agreement regarding Unbundled Network Elements are subject to this requirement. In addition, Qwest shall comply with all state wholesale service quality requirements.

9.1.2.1 If facilities are not available, Qwest will build facilities dedicated to an end user customer if Qwest would be legally obligated to build such facilities to meet its Provider of Last Resort (POLR) obligation to provide basic Local Exchange Service or its Eligible Telecommunications Carrier (ETC) obligation to provide primary basic Local Exchange Service. CLEC will be responsible for any construction charges for which an end user customer would be responsible. In other situations, Qwest does not agree that it is obligated to build UNEs, but it will consider requests to build UNEs pursuant to Section 9.19 of this Agreement.

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 jumpers) in order to complete

facilities to the customer premises.

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:

9.1.2.1.3.1 For UNEs that meet the requirements set forth in Section 9.1.2.1, CLEC will receive a jeopardy notice. Qwest will initiate an engineering job order for delivery of primary service to the end user customer. When the engineering job is completed, CLEC will receive another FOC identifying a new due date when the Loop will be ready for installation. Upon receipt of the second FOC, CLEC can request a different due date by submitting a SUP to change the due date to a later date.

9.1.2.1.3.2 For UNEs that do not meet the requirements in Section 9.1.2.1, Qwest will send CLEC a rejection notice canceling the LSR or ASR. Upon receipt of the rejection notice, CLEC may submit a request to build UNEs pursuant to Section 9.19 of this Agreement.

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 Reserved for Future Use

9.1.4 Qwest will provide a connection between Unbundled Network Elements and a Loop demarcation point. Such connection is an Interconnection Tie Pair (ITP). An ITP is required for each Unbundled Network Element or ancillary service delivered to CLEC. The ITP provides the connection between the Unbundled Network Element and the ICDF or other central office demarcation point. The ITP is ordered in conjunction with a UNE. The charges for the ITP are contained in Exhibit A. CLEC may order regeneration along with an ITP, and the charges listed in Exhibit A will apply. The ITP may be ordered per termination. 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) if CLEC elects to use a direct connection from its Collocation space to the distribution frame serving a particular element, at the distribution frame; or
- e) at another central office demarcation point mutually-agreed to by the Parties.

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 CLECs 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 Charge. This charge is required when the distance from the Qwest network to the leased physical space (for Physical Collocation), the collocated equipment (for Virtual Collocation), or the ICDF (for ICDF Collocation) is of sufficient length to require regeneration.

9.1.11 Exhibit A of this Agreement contains the rates for Unbundled Network Elements.

9.1.12 Miscellaneous Charges are defined in Section 4.40 (a). Miscellaneous Charges are in addition to non-recurring 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**

The Local Loop network element is defined as a transmission facility between a distribution frame (or its equivalent) in an incumbent LEC central office and the Loop Demarcation Point at an end user premises. The Local Loop network element includes all features, functions, and capabilities of such transmission facility. Those features, functions, and capabilities include, but are not limited to, Dark Fiber, attached electronics (except those electronics used for the provision of advanced services, such as Digital Subscriber Line Access Multiplexers), and line conditioning. The Local Loop includes, but is not limited to, DS0, DS1, DS3, fiber, and other high capacity Loops.

9.2.1.1 "Loop Demarcation Point" – is defined for purposes of this section as the point where Qwest owned or controlled facilities cease, and CLEC, end user, owner or landlord ownership of facilities begins.

## 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 users. For Unbundled Loops that have a retail analog, Qwest will provide these Unbundled Loops in substantially the same time and manner as Qwest provides to its own end users. 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 Local 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.

9.2.2.2.2 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 – DS1 and DS3 Capable Loops, Basic Rate (BRI) ISDN Capable Loops, 2/4 Wire Non-Loaded Loops, ADSL Compatible Loops and xDSL-l 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 Qwest shall provide fiber and other high capacity Loops including but not limited to OC3, OC12, OC48 and OC192 Loops. With the exception of the digital Loops identified in Section 9.2.2.3, Qwest shall provide unbundled fiber and high capacity Loops to CLEC(s) where facilities are available and existing on an ICB basis. Qwest will provision fiber and other high capacity Loops in a non-discriminatory manner, using the same facilities assignment processes that Qwest uses for itself to provide the requisite service. DC continuity does not apply to fiber and other high capacity Loops provided under this Section. Qwest shall allow CLEC to access these high capacity Loops at accessible terminals including DSXs, FDPs or equivalent in the central office, customer premises, or at Qwest owned outside plant structures (e.g., CEVs, RTs or huts) as defined in Section 9.3.1.1. ~~ICB-Non-recurring~~ and recurring charges shall apply for fiber and other high capacity Loops provided under this Section as set forth in Exhibit A.

9.2.2.3.2 If CLEC orders a 2 wire non loaded or ADSL compatible Unbundled Loop for a customer served by a digital Loop carrier system Qwest will conduct an assignment process which considers the potential for a LST. If no copper facility meeting the technical parameters of the NC/NCI codes as specified by CLEC is available, then Qwest will reject the order.

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 non-recurring conditioning charge (i.e., cable unloading and bridged taps removal), if applicable, in addition to the Unbundled Loop installation non-recurring charge.

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, 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 their 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 loads or bridged taps).

9.2.2.6 For DS1 or DS3 capable Loops, Qwest will provide the necessary electronics at both ends, including any intermediate repeaters. In addition, CLEC will have access to these terminations for testing purposes.

9.2.2.6.1 DS1 capable Loops provide a transmission path between a central office network interface at a DS1 panel or equivalent in a Qwest serving central office and the network interface at the end user location. DS1 capable Loops transport bi-directional DS1 signals with a nominal transmission rate of 1.544 Mbit/s. DS1 capable Loops shall meet the design requirements specified in Technical Publication 77375 (Unbundled Loops) and 77375 (DS1).

9.2.2.6.2 DS3 capable Loops provide a transmission path between a Qwest central office network interface and an equivalent network interface at an end user location. DS3 capable Loops transport bi-directional DS3 signals with a nominal transmission rate of 44.736 Mbit/s. DS3 capable Loops shall meet the design requirements specified in Technical Publications 77384 (Unbundled Loop) and 77324 (DS3).

9.2.2.7 Qwest is not obligated to provision BRI-ISDN, xDSL-I, DS1, or DS3 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.

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 CLECs through IMA-GUI or IMA-EDI. This tool informs CLEC whether the facility is copper or pair gain and whether there are loads on the Loop.

9.2.2.8.4 MegaBit Qualification Tool. The MegaBit Qualification Tool is available to CLECs 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 CLECs 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.

9.2.2.9 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, 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 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 option that enables CLEC to receive the Quick Loop installation interval as set forth in Exhibit C. Quick Loop installation includes only a simple lift and lay procedure. 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, 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 service, the Basic Installation with Performance Testing option requires a dispatch to the end user 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 the CLEC 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 non-recurring 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 non-recurring 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, 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 service, Coordinated Installation with Cooperative Testing may require a dispatch of a technician to the end user 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 the CLEC 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 non-recurring 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 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, 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 service, Basic Installation with Cooperative Testing may require a dispatch to the end user 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 non-recurring 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:

- 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
- 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
- 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
- DS1 Capable Loops  
No Load Coils, Opens, Grounds, Shorts, or Foreign Volts
- DS3 Capable Loops  
Continuity Testing  
  
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 Unbundled DS1 Capable, Unbundled DS3 Capable or 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 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 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 (supp) 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. 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 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 customer. If the problem cannot be corrected within an acceptable

timeframe to CLEC or the customer, CLEC may request the restoration of Qwest service for the ported 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.

9.2.2.10 Multiplexing. CLEC may order multiplexing for Unbundled Loops under the terms and rates for multiplexing of unbundled dedicated interoffice transport (UDIT), in the UDIT Section of this Agreement.

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 (or its respective agent) and CLEC regarding the disconnection or provisioning of Unbundled Loops, Qwest will advise the end user to contact CLEC, and Qwest will initiate contact with CLEC.

(a) Reserved for Future Use

(b) Reserved for Future Use

9.2.2.13 Facilities and lines Qwest furnishes on the premises of CLEC's end user 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 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, 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 from their current CLEC (old CLEC) to them (new CLEC), new CLEC is responsible for notifying old CLEC of the conversion. Qwest will disconnect the Loop Qwest provided old CLEC and, where technically compatible, will reuse the Loop for the service requested by new CLEC (e.g., resale service).

9.2.2.15.3. When CLEC contacts Qwest with a request to convert an end user 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.

### **9.2.3 Rate Elements**

The following recurring and non-recurring 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 Non-recurring rates.

9.2.3.2 2/4 Wire Non-Loaded Loop Recurring and Non-recurring rates.

9.2.3.3 DS1 and DS3 Capable Loop, OC3, OC12, OC48, OC192, Basic Rate (BRI) ISDN, ADSL Compatible Loop and xDSL-I Capable Loop Recurring and Non-recurring rates.

9.2.3.4 Extension Technology Recurring and Non-recurring rates for Digital Capable Loops, including Basic Rate (BRI) ISDN and xDSL-I Capable Loops.

9.2.3.5 Conditioning Non-recurring 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 Support Functions Section of this Agreement. Detailed ordering processes are found on the Qwest wholesale website.

9.2.4.2 Prior to placing orders on behalf of the end user, 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. The 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 ~~Proposed Colorado Trial.~~ For a 2/4 wire non-loaded Loop, ADSL compatible Loop, ISDN capable Loop or xDSL-I capable Loop, Qwest will return a Firm Order Confirmation (FOC) to CLEC within 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 and wait for a new version of the LSR approving Loop conditioning. In this scenario, the application date will correspond to 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 If appropriate facilities are not available to fill CLEC's order, and a facility build that would satisfy CLEC's order is not scheduled and funded, Qwest will send CLEC a rejection notice and cancel the order.~~

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, providing the service terminates at the Collocation in the Serving Wire Center. 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 base and will have the responsibility for resolution of any service trouble report(s) from its end users. 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 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's side of the Loop Demarcation Point. If the trouble is on the end user'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 the Support Functions 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 UNE Loops provided to CLECs by Qwest. Based on this analysis, Qwest will take corrective measure to fix persistent and recurrent problems, reporting to CLECs on the analysis and the process changes that are instituted implemented to fix the problems.

## **9.2.6. Spectrum Management**

9.2.6.1 Qwest will provide 2/4 Wire non-loaded Loops, ADSL compatible Loops, ISDN capable Loops, xDSL-I capable Loops, DSI capable Loops and DS3 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 When ordering xDSL Loops, CLEC will provide Qwest with appropriate information using NC/NCI codes to describe the Power Spectral Density Mask (PSD) for the type of technology CLEC will deploy. CLEC also agrees to notify Qwest of any change in advanced services technology that results in a change in spectrum management class on the xDSL Loop. Qwest agrees CLEC need not provide the speed or power at which the newly deployed or changed technology will operate if the technology fits within a generic PSD mask.

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".

9.2.6.4 Qwest recognizes that the analog T1 service traditionally used within its network is a "known disturber" as designated by the FCC. Qwest will spectrum manage this technology as defined in its spectrum policy and agrees that any future "known disturber" defined by the FCC or the Commission will be managed as required by FCC rules.

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~~

Section \_\_\_\_\_. 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 If Qwest rejects CLECs request to deploy an advanced services technology on a Qwest provided Unbundled Loop, CLEC may submit such denial for resolution under Section 5.18 of this Agreement.

9.2.6.8 Qwest will not have the authority to unilaterally resolve any dispute over spectral interference among carriers. Qwest shall not disconnect carrier services to resolve a spectral interference dispute, except when voluntarily undertaken by the interfering carrier or Qwest is ordered to do so by a state commission or other authorized dispute resolution body.

### **9.3 Subloop Unbundling**

#### **9.3.1 Description**

9.3.1.1 A Subloop is defined as any portion of the Loop that it is technically feasible to access at terminals in Qwest's outside plant, including inside wire. 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, main distribution frame, remote terminal, Feeder Distribution Interface (FDI), or Serving Area Interface (SAI). This section does not address Dark fiber Subloop which is addressed in Section 9.7.

9.3.1.1.1 Building terminals within or physically attached to a privately owned building in a Multi-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.

9.3.1.1.1.1 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.

9.3.1.1.1.2 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) DS1 Capable Unbundled Feeder Loop
- 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, an inventory of CLEC's terminations has been created, and CLEC has constructed a cross-connect field at the building terminal.

9.3.1.3.2.1 Reserved for Future Use

9.3.1.3.2.2 Reserved for Future Use

#### 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 location. The Two-Wire/Four-Wire Unbundled Distribution Loop is suitable for local exchange-type services. CLEC can obtain access to this unbundled 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 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 non-recurring charge in addition to the Unbundled Loop installation non-recurring charge. If a Qwest technician is dispatched and no load coils or bridged taps are removed, the non-recurring conditioning charge will not apply. CLEC can obtain access to this unbundled 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 Subloop in a campus environment from an accessible terminal that serves multiple buildings, CLEC can access these Subloops 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 person or entity, on which there are multiple buildings.

#### 9.3.2.2 Feeder Loops

9.3.2.2.1 DS1 Capable Unbundled Feeder Loop is a digital transmission path that is provisioned from a Qwest central office network interface, which consists of a DSX-1 panel or equivalent, to the accessible terminal. The DS1 Capable Unbundled Feeder Loop transports bi-directional DS1 signals with a nominal transmission rate of 1.544 Mbit/s.

### 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. Remote Collocation is not necessary because CLEC can access the Subloop without placing facilities in a Qwest Premises.

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.

9.3.3.5 If there is space in the building for CLEC to enter the building and terminate its facilities without Qwest having to rearrange its facilities, CLEC must seek to use such space. In such circumstances, an inventory of CLEC's terminations within the MTE shall be input into Qwest's systems to support Subloop orders before Subloop orders are provisioned. Qwest shall have five (5) calendar days from receipt of a written request from CLEC, in addition to the interval set forth in Section 9.3.5.4.1, to complete an inventory of CLEC's terminations and submit the data into its systems. Qwest may seek an extended interval if the work cannot reasonably be completed within the stated 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 the extended interval.

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 them and install permanent wiring within thirty (30) 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 MDU, 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. In such instances, CLEC shall pay Qwest a non-recurring charge, which shall be ICB, based on the scope of the work required.

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 such MTE Access 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 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. 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

9.3.4.2.1 Reserved for Future Use

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 their 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 Terms and Conditions Dispute Resolution Section. 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.

#### 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 of its intention to provide access to 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.

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, CLEC shall notify Qwest in writing of whether the building owner has provided space for CLEC to enter the building and terminate its facilities or whether Qwest must rearrange facilities or construct new facilities to accommodate such access. 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 inventory is complete and, if necessary, the facilities are rearranged and/or a new facility constructed. CLEC will populate the LSR with the termination information provided at the completion of the inventory process.

9.3.5.4.5 If CLEC ordered 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. 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. In addition, 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.

9.3.5.4.5.1 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 Terminal Access Protocol unless the Parties have negotiated a separate document for such Subloop access. If CLEC requests a MTE Terminal access protocol that is different from Qwest's Standard MTE Terminal Access Protocol, Qwest shall negotiate with CLEC promptly and in good faith toward that end.

9.3.5.4.5.2 Access to Intrabuilding Cable Loop at MTE Terminals without a cross-connect field:

9.3.5.4.5.2.1 To the extent CLEC seeks access to a MTE Terminal that does not contain a cross-connect field, CLEC shall not rearrange Qwest's facilities.

9.3.5.4.5.2.2 To the extent CLEC seeks access to a MTE Terminal that does not contain a cross-connect field, but that is connected to an adjacent MTE Terminal with a cross-connect field, CLEC shall access each Subloop via the adjacent MTE Terminal with a cross-connect field.

9.3.5.4.5.2.3 To the extent CLEC seeks access to a MTE Terminal that does not contain a cross-connect field and is not connected to an adjacent MTE Terminal with a cross-connect field, CLEC shall access each Subloop in such a MTE Terminal using a bridging clip that overlays Qwest's termination pin for the particular end user customer on the connecting terminal block, and CLEC shall replace the Qwest line protector dedicated to that end user customer with a service denial protector or equivalent DC continuity interruptor. The details of this practice shall be contained within the MTE Terminal access protocol referenced in section 9.3.5.4.5.1.

9.3.5.4.5.2.4 CLEC shall be wholly and completely responsible for any service outage, equipment failure, property damage or any and all other damages to person or property that is caused by the failure to adhere to sections 9.3.5.4.5.1 or 9.3.5.4.5.2 or the MTE Terminal access protocol referenced in

section 9.3.5.4.5.1.

9.3.5.4.6 Once inventory is complete and, if necessary, the facilities are rearranged and or a new facility constructed, the Subloop provisioning intervals contained in Exhibit C shall apply.

#### 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 Reserved for Future Use 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. Ex 1018

9.3.5.5.2.1.4 ~~Reserved for Future Use~~ 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, the 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 Support Functions – 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 non-recurring 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 Non-recurring Jumper Charge: CLEC will be charged a non-recurring 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

9.3.6.4.1 Subloop Non-recurring Charge - CLEC will be charged a non-recurring charge for the time and materials required for Qwest to complete the inventory of CLEC's facilities within the MTE such that Subloop orders can be submitted and processed.

9.3.6.4.2. Subloop Non-recurring Jumper Charge – If CLEC ordered a Subloop type other than Intrabuilding Cable Loop, CLEC will be charged a non-recurring basic installation charge for Qwest running jumpers within the accessible terminal pursuant to Exhibit A for each Subloop ordered by CLEC.

### 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's analog voice-grade (POTS) service on a single copper Loop referred to herein as the "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 POTS 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 by Qwest. This section does not prohibit Line Splitting, which is addressed in Section 9.21.

9.4.1.1 Line Sharing occurs on the copper portion of the Loop (i.e., copper Loop or shared copper distribution). Qwest provides CLECs with the network elements to transport data from Qwest remote terminals including unbundled Dark Fiber, DS1 capable Loop, and OCN. Qwest also provides CLECs with the ability to commingle its data with Qwest's pursuant to Section 9.20 with Unbundled Packet Switching. To the extent additional Line Sharing technologies and transport mechanisms are identified, and Qwest has deployed such technology for its own use, and Qwest is obligated by law to provide access to such technology. Qwest will allow CLECs to line share in that same manner, provided, however, that the rates, terms and conditions for Line Sharing may need to be amended in order to provide such access.

### 9.4.2 Terms and Conditions

#### 9.4.2.1 General

9.4.2.1.1 To order the HUNE, CLEC must have a POTS splitter installed in

the Qwest Wire Center that serves the end user as provided for in this Section, and the end user must have dial tone originating from a Qwest switch in that Wire Center. CLEC must provide the end user with, and is responsible for, the installation of a splitter, filter(s) and/or other equipment necessary for the end user to receive separate voice and data service across a single copper Loop.

#### 9.4.2.1.2 Reserved for Future Use

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 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'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 POTS splitters installed in Qwest Wire Centers. POTS 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, POTS 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 Reserved for Future Use

### 9.4.2.2 CLEC Collocation Area Splitter

9.4.2.2.1 If CLEC elects to have POTS splitters installed in Qwest Wire Centers via the standard Collocation arrangements set forth in the Collocation Section, CLEC will either purchase the POTS splitters or have Qwest purchase the POTS splitters subject to full reimbursement of the cost of the POTS splitters plus any pass through actual vendor invoice costs, including but not limited to taxes, shipping and handling. The POTS splitters must meet the requirements for central office equipment Collocation set by the FCC. CLEC will be responsible for installing and maintaining the POTS 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 POTS splitters to the Qwest network. One 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 POTS splitter located in CLEC's Collocation area. The voice and data traffic will be separated at the POTS 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 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 pairs of the TIE cable must be used: one 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 TIE Cable between each module of the COSMIC™/MDF and the CLEC-provided splitter. One 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 CLECs cost, to the extent feasible, Qwest shall consolidate CLECs 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 CLECs Collocation

### 9.4.2.3 Common Area Splitter Collocation

9.4.2.3.1 If CLEC elects to have POTS splitters installed in Qwest Wire Centers via Common Area Splitter Collocation, the POTS splitters will be installed in those Wire centers in one of the following locations: (a) in a relay rack as close to CLEC's DS0 termination points as possible; (b) on an ICDF to the extent such a frame is available; or (c) where options (a) and (b) are not available, or, in Wire Centers with network access line counts of less than 10,000, on the COSMIC™/MDF or in some other appropriate location such as an existing Qwest relay rack or bay. CLEC either may purchase POTS splitters or have Qwest purchase the POTS splitters subject to full reimbursement of the cost of the POTS splitters plus any pass through actual vendor invoice costs, including but not limited to, taxes, shipping and handling, and any similar charges assessed on Qwest by vendors in connection with the purchase of POTS splitters. The POTS splitters must meet the requirements for central office equipment Collocation set by the FCC. Qwest will be responsible for installing and maintaining the POTS splitters, but CLEC will lease the POTS splitters to Qwest at no cost. Qwest may co-mingle the POTS splitters shelves of different CLECs in a single relay rack or bay. Qwest will not be responsible for shortages of POTS splitters or Qwest's inability to obtain POTS splitters from vendors, if acting as purchasing agent on behalf of CLEC.

9.4.2.3.2 Two (2) ITPs and four (4) TIE Cables will be needed to connect the POTS splitters to the Qwest network. One 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 POTS splitter. The voice and data traffic will be separated at the POTS 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 POTS splitter and the ICDF. The POTS 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 POTS 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 POTS splitters will be processed in the manner outlined in the Collocation Section for Cageless or Common Collocation.

9.4.3.2 CLEC may submit applications for additional DSO TIE Cable terminations and/or reclassifications to support Line Sharing. Qwest will process any such applications for augmentation and/or reclassification of DSO 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 DSO 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, POTS 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 days 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 Non-recurring Rates for the Shared Loop

9.4.4.2.1 Basic Installation Charge for Shared Loop – A non-recurring charge for each Shared Loop installed will apply.

9.4.4.2.2 If CLEC requests conditioning of a Shared Loop, a non-recurring 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, CLEC shall pay the conditioning charge in Exhibit A to recondition the Loop.

#### 9.4.4.3 Non-recurring Rates for Tie Cable Reclassification

9.4.4.3.1 Reclassification Charge – A non-recurring 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 intermediate distribution frame required to provision Line Sharing.

#### 9.4.4.4 Non-recurring Rates for Maintenance and Repair

9.4.4.4.1 Trouble Isolation Charge – A non-recurring charge for Trouble isolation will be applied in accordance with the Support Functions – Maintenance and Repair Section.

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 non-recurring 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 IDF, or on the MDF/COSMIC™. These are both recurring and non-recurring charges.

9.4.4.5.2 POTS Splitter Charge – A non-recurring charge will apply for the cost of each POTS splitter purchased by Qwest on behalf of CLEC. This charge will cover the cost of the POTS splitter, plus any associated costs incurred by Qwest to order the POTS splitter.

9.4.4.5.3 Engineering – A non-recurring charge will apply for the planning and engineering associated with placing POTS splitters in the central office, either in a bay, on the IDF, or on the MDF/COSMIC™.

9.4.4.6 POTS Splitter TIE Cable Connections Charge – A non-recurring charge will apply for the cost of each TIE Cable connected to the POTS splitters. This charge will cover both the TIE cables and associated blocks per one hundred (100) pair between the POTS splitter and the intermediate distribution frame 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 established 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 Support Functions 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 POTS 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 POTS 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.

9.4.5.1.3.1 Qwest will test for electrical faults (e.g., opens, and/or foreign voltage) on Shared Loops as part of basic installation. Testing will be done in such a way as to ensure circuit integrity from the central office Demarcation Point to the MDF.

9.4.5.1.4 Qwest will provision the Shared Loop within the standard unbundled Loop provisioning interval as defined in Exhibit C.

9.4.5.1.5 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, POTS 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 POTS splitter shelves may be ordered via a single Collocation application form and quote preparation fee. Standard intervals as contained in Exhibit C will apply.

9.4.5.2.3 New POTS splitter shelves may be ordered with an existing Collocation. CLEC must submit a new Collocation application form and the applicable fee to Qwest. Standard Cageless and/or Common Collocation 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 DSO TIE Cable terminations extending from an intermediate distribution frame to its Collocation space, CLEC may request that these existing DSO TIE Cable terminations 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 POTS 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 premises and the point of demarcation in Qwest Wire Centers. Qwest will also be responsible for inside wiring at end user premises in accordance with the terms and conditions of inside wire maintenance agreements, if any, between Qwest and its end users. 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 POTS splitters will be responsible for their maintenance.

9.4.6.3 Qwest and CLEC will continue to develop repair and maintenance 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 website: <http://www.qwest.com/wholesale/productsServices/pcat/TABL1-0.html>. In the interim, Qwest and CLEC agree that the following general principles will guide the repair and maintenance process for Line Sharing.

9.4.6.3.1 If an end user 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 to solve the problem to the satisfaction of the end user. Qwest will not disconnect the data service provided to an end user over a Shared Loop without the written permission of CLEC unless the end user's voice service is so degraded that the end user cannot originate or receive voice grade calls and/or the end user 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 base. Qwest and CLEC will have the responsibility for resolution of any service trouble report(s) initiated by their respective end users.

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 endure 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 TIC Charge.

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 Charge.

9.4.6.4 When POTS 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 POTS splitters. CLEC will leave one 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.

9.4.6.5 When POTS 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 initiated repair requests and to prevent adverse impacts to the end user.

## **9.4.7 Other**

9.4.7.1 Reserved for Future Use

## **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 customer premises wiring, regardless of the particular design of the NID mechanism. Although the NID provides the connection to the customer 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 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 customer's on-premises wiring to the end user'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'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 A CLEC can 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 facility based provider up to and including its NID, the Qwest facility currently in place, including the NID, will remain in place. At no time should either Party remove the other Party's Loop facilities from the other Party's NID.



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 retermination 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.

9.5.2.1.4 CLEC may enter the subscriber access chamber or "end user customer side" of "dual chamber" NID enclosures 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 a 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 a 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 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 customer's on-premises wiring.

9.5.2.4.1 Reserved for Future Use

9.5.2.4.2 Reserved for Future Use

9.5.2.4.3 Reserved for Future Use

9.5.2.4.4 Reserved for Future Use

9.5.2.5 If so requested by CLEC, Qwest shall allow CLEC to connect its Loops directly to the protector field at Qwest NIDs that have unused protectors and are not used by Qwest or any other Telecommunications Carrier to provide service to the premises. If a CLEC accesses the Qwest protector field it shall do so on the distribution side of the protector field only where spare protector capacity exists. In such cases, CLEC shall only access a Qwest NID protector field in cable increments appropriate to the NID. If twenty-five (25) or more metallic cable pairs are simultaneously terminated at the MTE NID, additions must be in increments of twenty-five (25) additional metallic pairs. In all cases, telecommunications cables entering a Qwest NID must be terminated in compliance with FCC 88-57, section 315 of the National Electric Safety Code and section 800.30 of the National Electric Code.

9.5.2.6 Reserved for Future Use

### **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 9.5.2.5.

9.5.3.3 When a 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.

9.5.3.4 Where Qwest makes 9.5.2.1.5 rearrangements to the inside wire terminations or terminal enclosure on CLEC request pursuant to Section 9.5.2.1.5, charges will be assessed 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 the CLEC request for additional capacity.

### **9.5.4 Ordering Process**

9.5.4.1 Reserved for Future Use

9.5.4.2 CLEC may access a MTE NID after determining that the terminal in question is a NID. Qwest shall have ten (10) calendar days to respond to such an inquiry. If the terminal is a NID and CLEC wishes to access the customer field of the NID, no additional verification is needed by Qwest. CLEC shall tag their jumper wire.

9.5.4.2.1 When CLEC seeks to connect to a cross-connect field other than to the customer field of the NID, CLEC shall submit a LSR for connection to the NID. Qwest shall notify CLEC, within 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 their jumper wire.

9.5.4.3 Subject to the terms of 9.5.4.2, CLEC may perform a NID-to-NID connection, according to 9.5.2.3, and access the 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'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 Support Functions 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 in one Qwest Wire Center and a different CLEC in another Qwest Wire Center. Extended Unbundled Dedicated Interoffice Transport (EUDIT) provides CLEC with a bandwidth specific transmission path between the Qwest Serving Wire Center to 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 in each Qwest Wire Center. 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. EUDIT is a flat-rated, bandwidth-specific interoffice transmission path. EUDIT and UDIT are available in DS0 through OC-192 bandwidths and such higher capacities as evolve over time where facilities are available. EUDIT and UDIT in bandwidths up to OC-48 are defined products. 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 An unbundled multiplexer is offered as an optional stand-alone element associated with UDIT or Unbundled Loops. A 3/1 multiplexer provides CLEC with the ability to multiplex the DS3 44.736 Mbps signal to 28 DS1 1.544 Mbps channels. The 3/1 multiplexer, in conjunction with an ITP, provides a DS3 signal terminated at a demarcation point and 28 DS1 signals terminated at a demarcation point. A 1/0 multiplexer provides CLEC with the ability to multiplex the DS1 1.544 Mbps signal to 24 DS0 64 Kbps channels. The 1/0 multiplexer provides a DS1 signal terminated at a demarcation point and 24 DS0 signals terminated at a demarcation point. SONET add/drop multiplexing is available on an ICB basis where facilities are available and capacity exists.

## 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 dedicated transport element from one point to another.

9.6.2.2 CLEC must order all multiplexing elements (if it chooses the multiplexing option) and regeneration requirements with its initial installation for the 3/1 multiplexer, including all 28 DS1s and the settings on the multiplexer cards. If options are not selected and identified on the order by CLEC, the order will be held until options are selected. For the 1/0 multiplexer, the low side channels may be ordered as needed. Low Side Channelization charges are assigned as channels are ordered. When Loops are ordered in combination with multiplexing, Qwest will provision Loops directly terminated to the multiplexer.

9.6.2.3 With the exception of combinations provided through the UNE Combinations Section, Section 9.23, CLEC may utilize any form of Collocation at both ends of the UDIT. Collocation is required at the Qwest central office end of EUDIT. When UDIT and EUDIT are ordered together, at the same bandwidth, to form a single transmission path, Collocation is required only when one end of the unbundled transport terminates in a Qwest central office. If regeneration is required only between the UDIT or EUDIT termination point (the DSX panel or equivalent) and CLECs Collocation, CLEC must order such regeneration pursuant to Section 9.1.4 and the charges listed in Exhibit A will apply.

9.6.2.4 CLEC shall not use EUDIT as a substitute for special or Switched Access Services, except to the extent CLEC provides such services to its end user customers in association with local Exchange Services. Pending resolution by the FCC, Qwest will not apply the local use restrictions contained in 9.23.3.7.2.

9.6.2.5 For DS1 EUDIT, Qwest may provide existing copper to CLEC's Serving

Wire Center. For EUDIT above DS1, Qwest provides an optical interface at the location requested by CLEC.

9.6.2.6 At the terminating location for each EUDIT, space shall be provided to Qwest for the necessary termination equipment.

9.6.2.7 EUDIT cannot traverse a Qwest Wire Center.

### **9.6.3 Rate Elements**

9.6.3.1 DS1 UDIT rates are contained in Exhibit A of this Agreement and include the following elements:

a) DS1 Transport Termination (Fixed) Rate Element. This recurring rate element provides a 1.544 Mbps termination at a DSX or DCS. In addition to the fixed rate element, a per-mile rate element, as described below, also applies.

b) DS1 Transport Facilities (Per Mile) Rate Element. This recurring rate element provides a transmission path of 1.544 Mbps between Qwest Wire Centers. This is a mileage sensitive element based on the V&H coordinates of the DS1 UDIT. The mileage is calculated between the originating and terminating offices.

c) DS1 EUDIT Facility Rate Element. This recurring rate element provides a transmission path of 1.544 Mbps between a Qwest Wire Center and CLEC Wire Center or IXC point of presence. This is a non-distance sensitive rate element.

d) DS1 Non-recurring Charge. One-time charges apply for a specific work activity associated with installation of the DS1 service.

e) DS1 EUDIT Non-Recurring Charge. This one-time charge applies for the specific work activity associated with the installation of a DS1 EUDIT Facility.

9.6.3.2 DS3 UDIT rates are contained in Exhibit A of this Agreement and include the following elements:

a) DS3 Transport Termination (Fixed) Rate Element. This recurring rate element provides a 44.736 Mbps termination. In addition to the fixed rate element, a per-mile rate element, as described below, also applies.

b) DS3 Transport Facilities (Per Mile) Rate Element. This recurring rate element provides an interoffice transmission path of 44.736 Mbps between Qwest Wire Centers. This is a mileage sensitive element based on the V&H coordinates of the DS3 UDIT. The mileage is calculated between the originating and terminating offices.

c) DS3 EUDIT Facility Rate Element. This recurring rate element provides a transmission path of 44.736 Mbps between a Qwest Serving Wire Center and CLEC's Serving Wire Center or IXC point of presence. This is a non-distance sensitive element.

- d) DS3 Non-Recurring Charge. One-time charges apply for a specific work activity associated with installation of the DS3 service.
- e) DS3 EUDIT Facility Non-Recurring Charge. This one-time charge applies for the specific work activity associated with the installation of a DS3 EUDIT Facility.

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.
- b) DS0 Transport Facilities (Per Mile) Rate Element. This recurring rate element provides a transmission path of 64 Kbps between Qwest Wire Centers. This is a mileage sensitive element based on the V&H coordinates of the DS0 UDIT. The mileage is calculated between the originating and terminating offices.
- c) DS0 Non-Recurring Charge. One-time charges apply for a specific work activity associated with installation of the DS0 service.

9.6.3.4 OC-3 UDIT rates are contained in Exhibit A of this Agreement and include the following elements:

- a) OC-3 Transport Termination (Fixed) Rate Element. This recurring rate element provides a 155.52 Mbps termination. In addition to the fixed rate element, a per-mile rate element, as described below, also applies.
- b) OC-3 Transport Facilities (Per Mile) Rate Element. This recurring rate element provides a transmission path of 155.52 Mbps between Qwest Wire Centers. This is a distance sensitive element based on the V&H coordinates of the OC-3 UDIT. The mileage is calculated between the originating and terminating offices.
- c) OC-3 EUDIT Facility Rate Element. This recurring rate element provides a transmission path of 155.52 Mbps between a Qwest Serving Wire Center and CLEC's Serving Wire Center or IXC point of presence. This is a non-distance sensitive element.
- d) OC-3 Non-Recurring Charge. One-time charges apply for a specific work activity associated with installation of the OC-3 service.
- e) OC-3 EUDIT Facility Non-Recurring Charge. This one-time charge applies for the specific work activity associated with the installation of an OC-3 EUDIT Facility.

9.6.3.5 OC-12 UDIT rates are contained in Exhibit A of this Agreement and include the following elements:

- a) OC-12 Transport Termination (Fixed) Rate Element. This recurring rate

element provides a 622.08 Mbps termination. In addition to the fixed rate element, a per-mile rate element, as described below, also applies.

b) OC-12 Transport Facilities (Per Mile) Rate Element. This recurring rate element provides a transmission path of 622.08 Mbps between Qwest Wire Centers. This is a distance sensitive element based on the V&H coordinates of the OC-12 UDIT. The mileage is calculated between the originating and terminating offices.

c) OC-12 EUDIT Facility Rate Element. This recurring rate element provides a transmission path of 622.08 Mbps between a Qwest Serving Wire Center and CLEC's Serving Wire Center or IXC point of presence. This is a non-distance sensitive element.

d) OC-12 Non-Recurring Charge. One-time charges apply for a specific work activity associated with installation of the OC-12 service.

e) OC-12 EUDIT Facility Non-Recurring Charge. This one-time charge applies for the specific work activity associated with the installation of an OC-12 EUDIT Facility.

9.6.3.5.1 OC-48 UDIT rates are contained in Exhibit A of this Agreement and include the following elements:

a) OC-48 Transport Termination (Fixed) Rate Element. This recurring rate element provides a 2.488 Gbps termination. In addition to the fixed rate element, a per-mile rate element, as described below, also applies.

b) OC-48 Transport Facilities (Per Mile) Rate Element. This recurring rate element provides a transmission path of 2.488 Gbps between Qwest Wire Centers. This is a distance sensitive element based on the V&H coordinates of the OC-48 UDIT. The mileage is calculated between the originating and terminating offices.

c) OC-48 EUDIT Facility Rate Element. This recurring rate element provides a transmission path of 2.488 Gbps between a Qwest Serving Wire Center and CLEC's Serving Wire Center or IXC point of presence. This is a non-distance sensitive element.

d) OC-48 Non-Recurring Charge. One-time charges apply for a specific work activity associated with installation of the OC-48 service.

e) OC-48 EUDIT Facility Non-Recurring Charge. This one-time charge applies for the specific work activity associated with the installation of an OC-48 EUDIT Facility.

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 3/1 multiplexing rates are contained in Exhibit A of this Agreement, and

include the following:

- a) Recurring Multiplexing Charge. The DS3 central office Multiplexer provides de-multiplexing of one DS3 44.736 Mbps to 28 1.544 Mbps channels.
- b) Non-recurring Multiplexing Charge. One-time charges apply for a specific work activity associated with installation of the multiplexing service.

9.6.3.8 1/0 multiplexing rates are contained in Exhibit A of this Agreement, and include the following charges:

- a) Recurring Multiplexing Charge. The DS0 central office multiplexer provides de-multiplexing of one DS1 1.544 Mbps to 24 64 Kbps channels.
- b) Non-recurring Multiplexing Charge. One-time charges apply for a specific work activity associated with installation of the multiplexing service, including low side channelization of all 28 channels.
- c) Low Side Channelization (LSC). A recurring charge for low side multiplexed channel cards and settings plus a non-recurring charge for each individual channelization provisioning.

9.6.3.9 Rearrangement rates are contained in Exhibit A of this agreement.

## **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 ASR process. By May 31, 2001, CLEC will be able to order a single end to end bandwidth facility comprised of UDIT and EUDIT on a single ASR. Ordering processes are contained in the Support Functions Section of this Agreement.

9.6.4.1.2 Reserved for Future Use

9.6.4.1.3 The interval will start when Qwest receives a complete and accurate Access Service Request (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 UDIT 3/1 multiplexing is provisioned as a complete system with terminations at the demarcation point and all multiplexing cards. CLEC must order settings for all cards at the time of the multiplexing request.

9.6.4.4 For UDIT 1/0 multiplexing, the high side is fully provisioned with the order. The low side is provisioned when low side channels are ordered. Optional card settings are selected by CLEC at the time of the DS0 order.

9.6.4.5 Qwest will perform industry standard tests, set forth in Technical Publication 77389, when installing UDIT service.

9.6.4.6 Reserved for Future Use

## **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 Support Functions 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 or EUDIT terminations on CLEC's demarcation point or to change UDIT or EUDIT 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 or EUDITs.

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).

## **9.7 Unbundled Dark Fiber**

### **9.7.1 Description**

9.7.1 Unbundled Dark Fiber (UDF) is a deployed, unlit pair of fiber optic cable or strands that connects two points within Qwest’s network. UDF is a single transmission path between two Qwest Wire Centers, or between a Qwest Wire Center and a CLEC Wire Center, or between a Qwest Wire Center and either an appropriate outside plant structure or an end user customer premises in the same LATA and state. UDF exists in three (3) distinct forms: (a) UDF Interoffice Facility (UDF-IOF), which constitutes an deployed route between two Qwest Wire Centers; (b) UDF-Loop, which constitutes a deployed Loop or section of a deployed Loop between a Qwest Wire Center and an end user customer premises; and (c) Extended UDF (E-UDF) which constitutes a deployed route between a Qwest Wire Center and a CLEC Wire Center. Deployed Dark Fiber facilities shall include Dark Fiber Qwest has obtained with capitalized Indefeasible Right to Use (IRUs) or capitalized leases that do not prohibit Qwest’s ability to provided access to another person or entity.

### **9.7.2 Terms and Conditions**

9.7.2.1 Qwest will provide CLEC with non-discriminatory access to UDF in accordance with section 9.1.2. Qwest will provide UDF of substantially the same quality as the fiber facilities that Qwest uses to provide retail service to its own end user customers.

9.7.2.2 Qwest provides access to unbundled Dark Fiber at:

9.7.2.2.1 Accessible terminations such as fiber distribution panels.

9.7.2.2.2 Splice cases (except those that are buried and are not readily accessible without excavation) in the UDF-Loop and E-UDF, subject to the following conditions:

9.7.2.2.2.1 Unspliced fiber is available, subject to Section 9.7.2.5;

9.7.2.2.2.2 Available unspliced fiber is not ribbon fiber;

9.7.2.2.2.3 Splice capacity is available in the Qwest splice case;

- 9.7.2.2.2.4 Space exists for CLEC splice case;
- 9.7.2.2.2.5 Qwest will perform splice in Qwest splice case;
- 9.7.2.2.2.6 CLEC shall not have access to Qwest's splice case;
- 9.7.2.2.2.7 Qwest will provide a fiber stub for CLEC to splice the Qwest fiber stub to CLEC fiber strand in CLEC splice case;
- 9.7.2.2.2.8 Qwest will perform all splices in Qwest splice case when CLEC is not providing fiber facilities;
- 9.7.2.2.2.9 Qwest will not open or break any existing splices on continuous fiber optic cable routes. Where the end of a fiber optic strand exists in a splice case, Qwest will open that splice case and stub out the end of the Dark Fiber strand for CLEC;
- 9.7.2.2.2.10 CLEC will perform splices in CLEC splice case per Technical Publication 77383;
- 9.7.2.2.2.11 Qwest will perform all modifications associated with access to UDF via splicing under the terms of Exhibit A; and
- 9.7.2.2.2.12 All access is subject to the Field Verification and Quote Preparation (FVQP).

9.7.2.2.3 CLEC may request placement of a FDP at any building or controlled environment location in the Qwest network in order to access unterminated UDF pursuant to Section 9.19.

9.7.2.3 Qwest will provide CLEC with access to deployed Dark Fiber facilities. CLEC shall be responsible for obtaining and connecting electronic equipment, whether light generating or light terminating equipment, to the Dark Fiber. Qwest will not remove, and CLEC shall be permitted to use, regenerating equipment that already exists in mid-span.

9.7.2.4 Qwest will provide Unbundled Dark Fiber to CLEC in increments of two (2) strands (by the pair). In addition, after May 31, 2001, Qwest will provide UDF to CLEC in increments of one (1) strand. CLEC may obtain up to twenty five percent (25%) of available Dark Fibers or four (4) Dark Fiber strands, whichever is greater, in each fiber cable segment over a twelve (12) month period. Before CLEC may order additional UDF on such fiber cable segment, CLEC must demonstrate efficient use of existing fiber in each cable segment. Efficient use of interoffice cable segments is defined as providing a minimum of OC-12 termination on each fiber pair. Efficient use of Loop fiber is defined as providing a minimum of OC-3 termination on each fiber pair. Efficient use of E -UDF is defined as providing a minimum of OC -3 termination on each fiber pair. CLEC may designate five percent (5%) of its fibers along a fiber cable segment, or two (2) strands, whichever is greater, for maintenance spare, which fibers or strands are not subject to the termination requirements in this paragraph.

9.7.2.5 Qwest shall not have an obligation to unbundle Dark Fiber in the following

circumstances:

- a) Qwest will not unbundle Dark Fiber that Qwest utilizes for maintenance or reserves for maintenance spare for Qwest's own use. Qwest shall not reserve more than five percent (5%) of the fibers in a sheath, or two (2) strands, whichever is greater, for maintenance or maintenance spare for Qwest's own use.
- b) Qwest will not be required to unbundle Dark fiber if Qwest demonstrates to the Commission by a preponderance of the evidence that such unbundling would create a likely and foreseeable threat to its ability to meet its carrier of last resort obligations as established by any regulatory authority. Qwest shall initiate such proceeding within seven (7) calendar days of denying CLEC's request (by written notice) to unbundle Dark Fiber where such fiber is available. 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 unbundling obligations, related to the specific Dark Fiber at issue, pending the proceeding before the Commission. If Qwest fails to initiate such pending proceeding within such seven (7) day period, CLEC's request to unbundle Dark Fiber shall be reinstated and the ordering and provisioning processes of Section 9.7.3 shall continue.

9.7.2.6 Qwest will provide CLEC with access to the deployed Dark Fiber in its network in either single-mode or multi-mode. During the inquiry process, Qwest will inform CLEC of the availability of single-mode and multi-mode fiber.

9.7.2.7 Specifications, interfaces and parameters for Dark Fiber are described in Qwest's Technical Publication 77383.

9.7.2.8 CLEC is responsible for trouble isolation before reporting trouble to Qwest.

9.7.2.9 CLEC shall not use UDF as a substitute for special or switched access services, except to the extent CLEC provides "a significant amount of local exchange traffic" to its end users over the UDF as set forth by the FCC (See 9.23.3.7.2).

9.7.2.10 Upon thirty (30) calendar days notification to CLEC, Qwest may initiate a proceeding to reclaim Dark Fiber strands from CLEC that were not serving end user customers at the time of Qwest's notice to CLEC. In such proceeding, Qwest shall have the burden to prove that Qwest needs such fiber strands in order to meet its carrier of last resort obligations as established by any regulatory authority. In such proceeding, CLEC shall not object to using the most expeditious procedure available under state law, rule or regulation. CLEC shall be entitled to retain such strands of UDF for any purpose permitted under this Agreement pending the proceeding before the Commission; provided, however, that such use shall be at CLEC's sole risk of any reclamation approved by the Commission, including the risk of termination of service to end user customers. CLEC may designate five percent (5%) of its fibers along a fiber cable segment, or two (2) strands, whichever is greater, for maintenance spare, which fibers or strands are not subject to the reclamation requirements in this paragraph.

9.7.2.11 Reserved for Future Use

9.7.2.12 CLEC must have established Collocation or other technically feasible means of network demarcation pursuant to section 9.1.4 of this Agreement at both terminating points of the UDF-IOF or at the Serving Wire Center of either the UDF-Loop or the E-UDF unless Loop and transport combinations are ordered. Qwest will provide fiber cross connects at the Serving Wire Center to connect UDF-Loop or E-UDF with the UDF-IOF if such elements are ordered in combination. No Collocation is required in intermediate central offices within a UDF or at central offices where CLEC's UDFs are cross connected. CLEC has no access to UDF at those intermediate central offices.

9.7.2.12.1 CLEC-to-CLEC connections with UDF for the mutual exchange of traffic is permissible pursuant to the provisions in Section 9.7.

9.7.2.13 For UDF-Loop, CLEC is responsible for all work activities at the end user premises. All negotiations with the premises end user and or premises owner are solely the responsibility of CLEC.

9.7.2.14 For a UDF-Loop terminating at an existing end user premises FDP, Qwest will provide to CLEC an optical "jumper", not to exceed thirty (30) feet in length, connected to the Qwest UDF-Loop FDP.

9.7.2.15 ~~The Remote Collocation provisions and §9.3.8.1 of this Agreement apply where CLEC needs to gain access to UDF at an outside plant structure. Reserved for future use~~

9.7.2.16 CLEC will incur all costs associated with disconnecting the UDF from its side of the network demarcation point.

9.7.2.17 Qwest and CLEC will jointly participate in continuity testing within the provisioning interval established in Exhibit C. Qwest and CLEC must coordinate on the date and time for this continuity testing. As part of their respective duties regarding this continuity test, Qwest shall furnish a light detector at one termination point of the UDF, and CLEC shall furnish light generating equipment at the other termination point of the UDF as described below:

9.7.2.17.1 UDF-IOF: ~~Qwest and CLEC may shall mutually agree to identify on its order on~~ the Wire Center at which Qwest must provide a light detector and the Wire Center at which CLEC ~~must will~~ provide light generating equipment. If CLEC does not identify the Wire Center on its order, Qwest and CLEC shall mutually agree on the Wire Center at which CLEC will provide the light generating equipment.

9.7.2.17.2 UDF-Loop: Qwest will provide the light detector at the Serving Wire Center, and CLEC will provide the light generating equipment at the appropriate outside plant structure or end user customer premises.

9.7.2.17.3 E-UDF: Qwest will provide the light detector at the Serving Wire Center, and CLEC will provide the light generating equipment at the CLEC Wire Center.

9.7.2.18 If, within ten (10) days of the date Qwest provisioned an order for UDF, CLEC demonstrates that the UDF pair(s) provisioned over requested route do not meet

the minimum parameters set forth in Technical Publication 77383, and if the trouble is in the Qwest UDF facility, not due to fault on the part of CLEC, then Qwest will at no additional cost, attempt to repair the UDF as it relates to Qwest cross-connects and jumpers. If Qwest cannot repair the UDF to the minimum parameters set forth in Technical Publication 77383, Qwest will replace the UDF if suitable UDF pair(s) are available, at no additional non-recurring charge. If Qwest cannot replace the UDF upon receipt of a CLEC disconnect order, Qwest will refund the non-recurring charges associated with the provisioning excluding IRI, FVQP and Field Verification and will discontinue all recurring charges.

9.7.2.19 Qwest shall allow CLEC's to access UDF Loops, or sections of UDF Loops, at accessible terminals including FDPS or equivalent in the central office, customer premises or at Qwest owned outside plant location (e.g CEV, RT or hut).

9.7.2.20 Qwest shall allow CLEC to access Dark Fiber 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 Dark Fiber with the connecting Local Exchange Carrier. Qwest rates, terms and conditions shall apply to the percentage of the route owned by Qwest.

### **9.7.3 Ordering Processes**

Ordering processes and installation intervals are as follows:

9.7.3.1 The first step of the UDF ordering process is the inquiry process. The UDF inquiry is used to determine the availability of UDF between any two requested locations: between two (2) Qwest Wire Centers, between a Qwest Wire Center and an end user premises, or between a Qwest Wire Center and an appropriate outside plant structure, or a Qwest Wire Center and a CLEC Wire Center.

9.7.3.1.1 CLEC must submit a UDF inquiry through its account team. CLEC must specify the two (2) locations and the number of fibers requested.

9.7.3.1.2 Qwest will notify CLEC, within the interval set forth in Exhibit C of this Agreement, that: (i) UDF is available to satisfy CLEC's request, (ii) UDF is not available to satisfy CLEC's request; or (iii) Qwest, in writing, denies CLEC's request pursuant to Section 9.7.2.5 (b), Qwest shall provide written notice of denials pursuant to (iii) above.

9.7.3.1.3 If there is UDF available, the UDF Inquiry Response will contain up to five (5) available UDF routes between the CLEC-specified end locations. If additional routes are available, Qwest will notify CLEC that such additional routes exist and negotiate how that additional information will be made available.

9.7.3.2 CLEC will establish network demarcation points to accommodate UDF optical terminations via Collocation or other technically feasible means or network demarcation pursuant to Section 9.1.4 of this Agreement. If Collocation and or other network demarcation arrangements have not been completed, CLEC must have obtained preliminary APOT address information (CFA – Carrier Facility Assignment) for its network demarcation points in each Qwest Wire Center where the UDF terminates prior to placing an order for UDF. When preliminary APOT has been established and

delivered to CLEC, Qwest can begin processing the UDF provisioning order upon receipt of the UDF provisioning request. If the preliminary APOT address is changed by CLEC, a new provisioning time line for UDF must be established.

9.7.3.3 Based on the CLEC request (UDF-Loop, UDF-IOF or E-UDF), there are two (2) possible termination scenarios.

9.7.3.3.1 Termination at an Outside Plant Structure: If CLEC requests UDF-Loop going to an outside plant structure such as a Controlled Environmental Vault (CEV), or Remote Terminal (RT), the Remote Collocation provisions of this Agreement will apply. Qwest will prepare and submit to CLEC a quote along with the original Field Verification Quote Preparation form (FVQP) within the interval set forth in Exhibit C. Quotes are on an Individual Case Basis (ICB) and will include costs and an interval in accordance with Exhibit C.

9.7.3.3.2 Reserved for Future Use

9.7.3.3.3 Termination at Qwest Wire Center, End-user Premises or CLEC Wire Center: If spare fiber is available, and CLEC chooses to proceed, and the request is for UDF-IOF, UDF-Loop going to an end user premises, or E-UDF going to a CLEC Wire Center, Qwest will begin the provisioning process upon notification from CLEC to proceed and the receipt of fifty percent (50%) of the non-recurring charges. The notification to proceed is accomplished by completing, signing and returning the original inquiry request to the account manager. Provisioning intervals for this type of request are set forth in Exhibit C. CLEC will be notified that provisioning is complete and the remaining non-recurring charges and associated recurring charges will be billed.

9.7.3.4 An order may be canceled any time up to and including the service date. Cancellation charges will apply.

9.7.3.5 CLEC may reserve Dark Fiber for CLEC during Collocation builds. Prior to reserving space, CLEC must place an inquiry pursuant to section 9.7.3.1 of this Agreement and receive a UDF Inquiry Response that reflects that the route to be reserved is available. CLEC is also strongly encouraged to request a Field Verification that the route to be reserved is available. If CLEC does not obtain Field Verification, CLEC assumes the risk that records upon which the UDF Inquiry Response is based may be in error. CLEC may reserve UDF for thirty (30), sixty (60), or ninety (90) days. CLEC may extend or renew reservations if there is delay in completion of the Collocation build. All applicable UDF recurring charges specified in sections 9.7.5.2 will be assessed at the commencement of the reservation. Non-recurring charges for provisioning and cross connects will be assessed at the time of installation.

## **9.7.4 Maintenance and Repair**

9.7.4.1 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 Support Functions Section of this Agreement

9.7.4.2 If it is determined that the UDF does not meet the minimum parameters of

Technical Publication 77383 without fault of CLEC, and if the trouble is in the Qwest UDF facility, then Qwest will attempt to repair the UDF as it relates to Qwest cross-connects and jumper at no additional cost. If Qwest cannot repair the UDF to the minimum parameters set forth in Technical Publication 77383, then Qwest will replace the UDF at no additional cost if suitable UDF pair(s) are available. If Qwest cannot replace the UDF with available pairs, then it, upon receipt of a CLEC disconnect order, will discontinue the recurring charges effective as of the date of the commencement of the trouble.

## **9.7.5 Rate Elements**

9.7.5.1 Dark fiber rates are contained in Exhibit A of this Agreement and include the following elements:

a) Initial Records Inquiry (IRI). This rate element is a pre-order work effort that investigates the availability of UDF. This is a one-time charge for each route check requested by CLEC. A simple IRI determines if UDF is available between two Qwest Wire Centers or between a Qwest Wire Center and Qwest customer premises. A complex IRI determines if UDF is available between a Qwest Wire Center and an outside structure (CEV, Hut, etc.) along the Loop fiber route. Qwest will bill CLEC the IRI immediately upon receipt of the inquiry. The IRI is a record search and does not guarantee the availability of UDF.

b) Field Verification and Quote Preparation (FVQP). This rate element is a pre-order work effort to estimate the cost of providing UDF access to CLEC at locations other than Qwest Wire Centers or an end user premises. Qwest will prepare a quote which will explain what work activities, timeframes, and costs are associated with providing access to this FDP location. This quote will be good for thirty (30) calendar days. The FVQP is not necessary when the request is between Qwest Wire Centers or between a Qwest Wire Center and customer premises (i.e., IRI). If FVQP is applicable pursuant to this section and CLEC orders UDF that has been reserved after a Field Verification has been performed, then the charge for FVQP will be reduced by the amount of the Field Verification charge assessed in the context of the reservation.

c) Field Verification. This rate element is a work effort performed at CLEC's option before placing a request to reserve UDF to verify the availability of UDF that CLEC desires to reserve.

9.7.5.2 The following rate elements are used once the availability of UDF has been established and CLEC chooses to access UDF.

### **9.7.5.2.1 Unbundled Dark Fiber - IOF Rate Elements**

a) UDF-IOF Termination (Fixed) Rate Element. This rate element is a recurring rate element and provides a termination at the interoffice FDP within the Qwest Wire Center. Two UDF-IOF terminations apply per pair. Termination charges apply for each intermediate office terminating at an FDP or like cross-connect point.

b) UDF-IOF Fiber Transport, (Per Pair) Rate Element. This rate



element has both a recurring and a non-recurring component and applies per pair. This rate element provides a transmission path between Qwest Wire Centers. The recurring component of this rate element is mileage sensitive based on the route miles of the UDF rounded up to the next mile.

c) UDF-IOF Fiber Cross-Connect Rate Element. This rate element has both a recurring and non-recurring component and is used to extend the optical connection from the IOF FDP to CLEC's optical demarcation point (ICDF). A minimum of two (2) UDF-IOF fiber cross-connects apply per pair. Cross-connect charges apply for each intermediate office terminating at an FDP or like cross-connect point. The non-recurring rate will not be charged for cross-connects already in place prior to CLEC's order for UDF-IOF.

#### 9.7.5.2.2 Unbundled Dark Fiber - Loop Rate Elements

a) UDF-Loop Termination (Fixed) Rate Element. This rate element is a recurring rate element and provides a termination at the interoffice FDP within the Qwest Wire Center and at either the customer premises or an appropriate outside plant structure. Two UDF-Loop terminations apply per pair.

b) UDF-Loop Fiber (Per Pair) Rate Element. This rate element has both a recurring and a non-recurring component, and it applies per pair. This rate element provides a transmission path between the Qwest Serving Wire Center and either the customer premises or an appropriate outside plant structure.

c) UDF-Loop Fiber Cross-Connect Rate Element. This rate element has both a recurring and non-recurring component, is applied per pair, and is used to extend the optical connection from FDP to FDP. The non-recurring rate will not be charged for cross-connects already in place prior to CLEC's order for UDF-Loop.

#### 9.7.5.2.3 Extended Unbundled Dark Fiber Rate Elements

a) E-UDF Termination (Fixed) Rate Element. This rate element is a recurring rate element and provides a termination at the interoffice FDP within the Qwest Wire Center and at the CLEC Wire Center. Two E-UDF terminations apply per pair.

b) E-UDF Fiber (Per Pair) Rate Element. This rate element has both a recurring and a non-recurring component, and it applies per pair. This rate element provides a transmission path between the Qwest Serving Wire Center and the CLEC Wire Center.

c) E-UDF Fiber Cross-Connect Rate Element. This rate element has both a recurring and non-recurring component, is applied per pair, and is used to extend the optical connection from FDP to FDP. The non-recurring rate will not be charged for cross-connects already in place prior

to CLEC's order for E-UDF.

## **9.8 Shared Interoffice Transport**

### **9.8.1 Description**

9.8.1.1 Shared Transport is defined as interoffice transmission facilities shared by more than one carrier, including Qwest, between End Office Switches, between End Office Switches and tandem switches (local and access tandems), and between tandem switches.

### **9.8.2 Terms and Conditions**

9.8.2.1 Shared Transport is only provided with Unbundled Local Switch Ports and Unbundled Network Element-Platform (UNE-P), as described in the UNE Combinations Section. The existing routing tables resident in the switch will direct both Qwest and CLEC traffic over Qwest's interoffice message trunk network.

9.8.2.2 CLEC may custom route operator services or directory assistance calls to unique operator services/directory services trunks.

9.8.2.3 Qwest has the following obligations with respect to shared transport:

- a) Provide Shared Transport in a way that enables the traffic of CLEC to be carried on the same transport facilities that Qwest uses for its own traffic.
- b) Provide Shared Transport transmission facilities between End Office Switches, between end office and tandem switches, and between tandem switches in its network.
- c) Permit CLEC that purchases unbundled Shared Transport and unbundled switching to use the same routing table that is resident in Qwest's switch.
- d) Permit CLEC to use shared (or dedicated) transport as an unbundled element to carry originating access traffic from, and terminating to, customers to whom CLEC provides local Exchange Service.

### **9.8.3 Rate Elements**

9.8.3.1 Shared Transport will be billed on a minute-of-use basis in accordance with the UNE rates described in Exhibit A.

### **9.8.4 Ordering Process**

9.8.4.1 Shared Transport is ordered with Unbundled Line Port and Unbundled Local Switching via the LSR process. Shared transport is assumed to be the choice of routing when ordering a port, unless specified differently by CLEC. Installation intervals are incorporated in the Unbundled Line Port and are listed in the PCAT.

## **9.8.5 Maintenance and Repair**

9.8.5.1 Maintenance and Repair are the sole responsibility of Qwest.

## **9.9 Unbundled Customer Controlled Rearrangement Element (UCCRE)**

Qwest shall provide Unbundled Customer Controlled Rearrangement Element (UCCRE) in a non-discriminatory manner according to the following terms and conditions.

### **9.9.1 Description**

9.9.1.1 Unbundled Customer Controlled Rearrangement Element (UCCRE) provides the means by which CLEC controls the configuration of Unbundled Network Elements (UNEs) or ancillary services on a near real time basis through a digital cross connect device. UCCRE utilizes the Digital Cross-Connect System (DCS). UCCRE is available in Qwest Wire Centers that contain a DCS and such DCS is UCCRE compatible.

### **9.9.2 Terms and Conditions**

9.9.2.1 DCS ports are DS1, DS3 and Virtual Ports (Virtual Ports are for connecting one end user to another). The DCS port is connected to the demarcation point using tie cables via the appropriate DSX cross-connect panel. The DSX panel serves both as a "Design-To" point and a network interface at the DCS. CLEC is responsible for designing to the "Design-To" point. CLEC may connect the UCCRE ports to its elements or CLEC designated equipment. If CLEC desires DS0 port functionality, CLEC will order a DS1 UCCRE port and provide its own multiplexer (or DS1 UDIT multiplexers) and connect them together. This combination will form the equivalent of 24 DS0-level ports.

9.9.2.2 The reconfiguration of the service is accomplished at the DS0 signal level. Reconfiguration of these services can be accomplished through two methods: Dial Up or Attendant Access.

9.9.2.2.1 Dial Up Access. Qwest will provide access to mutually agreed upon UCCRE points in those offices where UCCRE is available. Qwest will provide and engineer this service in the same manner that it is currently provided to Qwest's end users.

9.9.2.2.2 Attendant Access. When CLEC requests Qwest to make changes on its behalf, an attendant access charge will apply per transaction.

### **9.9.3 Rate Elements**

9.9.3.1 Recurring rate elements include:

9.9.3.1.1 DS1 Port;

9.9.3.1.2 DS3 Port;

9.9.3.1.3 Dial Up Access; and

9.9.3.1.4 Attendant Access.

9.9.3.2 Non-recurring rate elements include:

9.9.3.2.1 DS1 Port;

9.9.3.2.2 DS3 Port; and

9.9.3.2.3 Virtual Ports.

#### **9.9.4 Ordering Process**

9.9.4.1 Ordering processes and installation intervals are specified in Exhibit C of this Agreement and are the same as specified in the UNEs - UDIT Section. UCCRE is ordered via the ASR process.

9.9.4.2 UCCRE is ordered with the Basic Installation option. Qwest will begin the work activity on the negotiated due date and notify CLEC when the work activity is complete. Test results performed by Qwest are not provided to CLEC.

#### **9.10 Local Tandem Switching**

Qwest shall provide access to local tandem switching in a non-discriminatory manner according to the following terms and conditions.

##### **9.10.1 Description**

9.10.1.1 Access to local tandem switching includes the facilities connecting the trunk distribution frames to the switch and all the features, functions, and capabilities of the switch itself, including those facilities that establish a temporary transmission path between two other switches, but does not include the transport needed to complete the call. The local tandem switching element also includes the features, functions, and capabilities that are centralized in local tandem switches and their adjuncts, if any, rather than in separate end-office switches.

9.10.1.2 In the event that a Qwest Wire Center subtends only an access tandem, and does not subtend a local tandem, Qwest will provide unbundled access to such access tandem.

##### **9.10.2 Terms and Conditions**

9.10.2.1 If CLEC obtains its local tandem switching from a third party tandem provider, tandem-to-tandem connections will be required between Qwest and the third party tandem provider. The tandem-to-tandem connections must be local Interconnection trunk-type connections, and will be provided by CLEC. CLEC may provide the trunks itself, purchase them from a third party, or may purchase them from Qwest.

9.10.2.2 The requirement to provide access to unbundled local tandem switching includes: (i) trunk-connect facilities, including but not limited to the connection between trunk termination at a cross-connect panel and a switch trunk card; (ii) the base switching function of connecting trunks to trunks; and (iii) the feature, functions, and

capabilities that are centralized in local tandem switches and their adjuncts, if any (as distinguished from separate end-office switches), including but not limited to call recording, the routing of calls to operator services, and signaling conversion features. Qwest shall unbundle access to call recording equipment in a Qwest local tandem.

### **9.10.3 Rate Elements**

9.10.3.1 A DS1 Tandem Trunk Port is a 4-wire DS1 trunk side switch port terminating at a DS1 demarcation point and incurs a non-recurring charge. Each DS1 Tandem Trunk Port includes a subset of 24 DS0 channels capable of supporting local message type traffic and incurs a non-recurring charge to establish trunk group members.

9.10.3.2 Use of local tandem switching is billed on an originating per minute of use basis.

### **9.10.4 Ordering Process**

9.10.4.1 Requests for DS1 Tandem Trunk Port(s) must be followed by separate order(s) to channelize trunk ports into DS0 trunk group and members as defined in the UNEs – UDIT Section of this Agreement.

### **9.10.5 Maintenance and Repair**

9.10.5.1 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 Support Functions Section of this Agreement.

## **9.11 Local Switching**

Qwest shall provide access to Unbundled Local Switching in a non-discriminatory manner according to the following terms and conditions.

### **9.11.1 Description**

9.11.1.1 Access to Unbundled Local Switching encompasses line-side and trunk-side facilities, plus the features, functions, and capabilities of the switch. The features, functions, and capabilities of the switch include the basic switching function, as well as the same basic capabilities that are available to Qwest's end user customers. Unbundled Local Switching also includes access to all vertical features that the switch is capable of providing, as well as any technically-feasible customized routing functions. Moreover, CLEC may purchase Unbundled Local Switching in a manner that permits CLEC to offer exchange access and termination of EAS/local traffic.

9.11.1.1.1 CLEC is not required to use Qwest's directory assistance services or operator services with its Unbundled Local Switching elements or UNE-P Combinations. CLEC may arrange to provide access to its own, or to a third party's, directory assistance or operator services platform with its unbundled switching elements and UNE-P Combinations.

9.11.1.1.2 Qwest offers access to GR-303 features and functionalities as outlined in this Section. As a condition of this virtual access, CLEC must deploy a Remote Digital Terminal (RT) "hosted" by a GR-303 capable Qwest switch. Under this architecture, and dependent on the existence and availability of GR-303 in any given office, a CLEC may deploy any compatible GR-303 remote terminal under the following conditions:

9.11.1.1.2.1 The Qwest central office must have existing GR-303 capability with spare capacity available for use by CLEC. In addition, while CLEC may deploy its choice of Remote Terminal, it must be compatible with the existing Qwest GR-303 interface.

9.11.1.1.2.2 The transport between the Qwest switch and the CLEC RT may be purchased from Qwest or provided by CLEC. If transport is provided by Qwest, the demarcation point will be at a physical cross-connect point at the RT. If transport is provided by CLEC, the demarcation point will be at a physical cross connect in the Qwest central office.

9.11.1.1.2.3 Concentration levels will be in keeping with Qwest's current standard of 4:1 at the switch. The specific concentration ratios to be applied to the RTs will be determined on a case by case basis.

9.11.1.1.2.4 The TR-057 interface at the RT will be disabled. This interface enables the universal DLC applications and offers access to the OSS, provisioning, and performance monitoring systems from the RT. By disabling the TR-057 interface, Qwest ensures that it retains the physical and logical administration of the GR-303 interface and that security and system integrity concerns are minimized.

9.11.1.1.2.5 All traffic must be delivered at 64 clear channel. (i.e. voice compression will not be allowed).

9.11.1.1.2.6 GR-303 was designed for the delivery of circuit switched voice traffic as such, packetized traffic will not be accepted.

9.11.1.1.2.7 While Qwest will retain administration of the DLC, CLEC will be responsible for all traffic management. Changes in provisioning will be made only at the request of CLEC. CLEC will be allowed to view channel availability and monitor traffic and blocking levels at the RT via a man-to-machine interface (MMI). The CLEC will not have the ability to make any changes as all provisioning will be done solely by Qwest at CLEC's request.

9.11.1.1.2.8 The parties will be responsible for the repair and maintenance of facilities on their side of the demarcation point. It is assumed that this will be done in an as yet undeveloped cooperative manner.

9.11.1.1.2.9 This specific network architecture option for virtual access to the GR-303 interface listed in this section is available via the

Special Request Process (SRP). Any request that materially deviates from the language in this section regarding access to the GR-303 interface must be submitted via the Bona Fide Request (BFR) process.

9.11.1.2 Qwest's trunk ports are utilized to access routing tables resident in Qwest's switch, as necessary to provide access to shared transport. Shared transport is described earlier in this Section of this Agreement.

9.11.1.3 Unbundled local switching also permits CLEC to purchase a dedicated trunk port on the local switch. CLEC may direct originating traffic to such a dedicated trunk via customized routing.

9.11.1.3.1 Vertical features are software attributes on End Office Switches. Vertical features are available separately and are listed in Exhibit E of this Agreement. The Special Request Process contained in Exhibit F of the Agreement shall be used when ordering the activation and/or loading of vertical features on a switch, that are not currently activated or loaded on the switch. If features that are loaded on Qwest's switch(es) are migrated to AIN for Qwest's own use, the switch software for such features will be retained on the Qwest switch(es) for the use of CLEC and CLECs end user customers.

9.11.1.4 Line ports include:

- a) Analog Line Port; and
- b) Digital Line Port.

9.11.1.5 Trunk ports include but are not limited to:

- a) DS1 Trunk Port (including Local Message);
- b) PRI ISDN Trunk Port;
- c) DID/PBX Trunk Port;
- d) DS3 Trunk Port (including Local Message) may be requested by CLEC via the Special Request Process contained in Exhibit F of this Agreement; and
- e) OCN Trunk Port (including Local Message) may be requested by CLEC via the Special Request Process contained in Exhibit F of this Agreement.

9.11.1.6 The following are attributes of line ports consistent with State Commission Rules and include but are not limited to:

- 9.11.1.6.1 Telephone number
- 9.11.1.6.2 Directory Listing
- 9.11.1.6.3 Dial Tone
- 9.11.1.6.4 Signaling (Loop or ground start)

- 9.11.1.6.5 On/Off Hook Detection;
- 9.11.1.6.6 Audible and Power Ringing
- 9.11.1.6.7 Automatic Message Accounting (AMA Recording);
- 9.11.1.6.8 Access to 911, Operator Services, and Directory Assistance; and
- 9.11.1.6.9 Blocking Options.

9.11.1.7 Analog Line Port. The analog line port is a two wire interface on the line-side of the End Office Switch that is extended to the MDF. A separate ITP must be ordered for each analog line-side port to provide the connection from the MDF to the demarcation point. The analog line port enables CLEC to access vertical features.

9.11.1.8 Reserved for Future Use

9.11.1.9 Digital Line Side Port (Supporting BRI ISDN)

9.11.1.9.1 Basic Rate Interface Integrated Services Digital Network (BRI ISDN) is a digital architecture that provides integrated voice and data capability (2 wire). A BRI ISDN Port is a Digital 2B+D (2 Bearer Channels for voice or data and 1 Delta Channel for signaling and D Channel Packet) line-side switch connection with BRI ISDN voice and data basic elements. For flexibility and customization, optional features can be added. BRI ISDN Port does not offer B Channel Packet service capabilities. The serving arrangement conforms to the internationally developed, published, and recognized standards generated by International Telegraph and Telephone Union (formerly CCITT).

9.11.1.9.2 Reserved for Future Use

9.11.1.10 Digital Trunk Ports

9.11.1.10.1 DS1 Local Message Trunk Port (Supporting Local Message Traffic). A DS1 Trunk Port is a DS1 trunk side switch port that is extended to the trunk main distributing frame and is connected to the demarcation point through an ITP. Each DS1 Trunk Port includes a subset of 24 DS0 channels capable of supporting local message type traffic. Requests for DS1 Trunk Port(s) must be followed by a separate order for a Message Trunk Group, as further described in this Section.

9.11.1.10.2 Message Trunk Group. A Message Trunk Group is a software feature that establishes the trunk group and its associated trunk members. Signaling and addressing attributes are defined at the group level. Trunk members may be associated with individual channels of the DS1 Trunk Port.

9.11.1.10.3 Requests for establishing new outgoing and two-way Message Trunk Groups must be coordinated with and followed by requests for Customized Routing. Incoming only trunk groups do not require Custom Routing.

9.11.1.11 Unbundled DS1 PRI ISDN Trunk Port (Supporting DID/DOD/PBX). A



DS1 trunk Port is a DS1 trunk-side switch port terminated at a DSX1 or equivalent. Each DS1 Trunk Port includes a subset of 24 DS0 channels capable of supporting DID/DOD/PBX type traffic. Requests for DS1 Trunk Port(s) must be followed by separate order(s) to establish new Trunk Group(s) or to augment existing Trunk Group(s).

9.11.1.11.1 Digital PRI ISDN Trunk Port. A Digital Trunk PRI ISDN Port is a four wire DS1 with connection at the DSX-1 bay (or equivalent). Digital Trunk DS1 activation is a logical subset or channel of a DS1 facility port.

9.11.1.11.1.1 PRI ISDN Trunk Ports are provisioned at a DS1 level. B-channels are provisioned to transmit information such as voice, circuit switched data, or video. A D-channel is provisioned to carry the control or signaling on a 64kbit(s) channel.

9.11.1.11.1.2 PRI Trunk Port requires a digital four-wire full duplex transmission path between ISDN capable Customer Premises Equipment (CPE) and a PRI ISDN- equipped Qwest central office.

9.11.1.11.1.3 The PRI central office trunk port is a DS1 which provides 24 64kbps channels. This product is dedicated call type of PRI with Custom protocol, up to 23 of the channels may be used as 64kbps B channels. The 24<sup>th</sup> channel must be configured as a D channel, which will carry the signaling and control information. The B channels transmit voice and data or Circuit Switched Data (only).

9.11.1.11.1.4 Reserved for Future Use

9.11.1.11.1.5 PRI ISDN includes 2-way DID functionality. DID is a special trunking arrangement that permits incoming calls from the exchange network to reach a specific PBX station directly without attendant assistance.

9.11.1.11.1.6 DID service is offered with an analog or digital 2-way. If digital, the individual DS0's are 2way trunks using advanced service that requires DID ports.

9.11.1.11.1.7 The 23B+D Trunk Port configuration provides Ports for 23B-channels and 1 D-channel.

9.11.1.11.1.8 The 24-B Trunk Port configuration provides 24 B-channels on a DS1 Port. The signaling information is provided by the D-channel on the first D-channel Port.

9.11.1.11.1.9 The 23B Backup D Trunk Port configuration provides 23 B-channels and a backup D-channel Port is used if the primary D-channel Port fails.

9.11.1.12 Analog Trunk Ports

9.11.1.12.1 DS0 Analog Trunk Ports can be configured as DID, DOD, and Two-way.

9.11.1.12.2 Analog Trunk Ports provide a 2-Way Analog Trunk with DID, E&M Signaling and 2-Wire or 4-Wire connections. This trunk side connection inherently includes hunting within the trunk group.

9.11.1.12.3 All trunks are designed as 4-Wire leaving the central office. For 2-Wire service, the trunks are converted at the customer's location.

9.11.1.12.4 Two-way Analog DID Trunks are capable of initiating out going calls, and may be equipped with either rotary or Touch-tone (DTMF) for this purpose. When the trunk is equipped with DID Call Transfer feature, both the trunk and telephone instruments must be equipped with DTMF.

9.11.1.12.5 Two-way Analog DID Trunks require E&M signaling. Qwest will use Type I and II E&M signaling to provide these trunks to the PBX. Type II E&M signaling from Qwest to the PBX will be handled as a Special Assembly request, through the Special Request Process (SRP) as provided for in Exhibit F to this Agreement.

## **9.11.2 Terms and Conditions**

9.11.2.1 CLEC may purchase access to all vertical features that are loaded in Qwest's End Office Switch. CLEC may request features that are not activated and/or not loaded in a Qwest End Office Switch utilizing the Special Request Process contained in Exhibit F of this Agreement. If CLEC requests activation and/or loading of features in a switch, appropriate recurring and non-recurring charges will apply. Features provided through AIN capabilities in Qwest's signaling network are not available.

9.11.2.2 Local switch ports include CLEC use of Qwest's signaling network for traffic originated from the line-side switching port. CLEC access to the Qwest signaling network shall be of substantially the same quality as the access that Qwest uses to provide service to its own end user customers.

9.11.2.3 CLEC shall be responsible for updating the 911/E911 database through Qwest's third party database provider for any unbundled switch port ordered. Additional 911/E911 provisions are contained in the Ancillary Services Section of this Agreement.

9.11.2.4 The line-side port includes the connection between the End Office Switch and the MDF. The connection from the MDF to the demarcation point shall be an ITP provided by Qwest pursuant to the rates in Exhibit A. The trunk-side port includes the connection between the End Office Switch and the TMDF. The connection from the TMDF to the demarcation point shall be an ITP provided by Qwest pursuant to the rates in Exhibit A. The demarcation point for line-side and trunk-side ports shall be as described earlier in this Section.

9.11.2.5 Unbundled local switching does not constitute a UNE, and is therefore not available at UNE rates, when CLECs end user customer to be served with Unbundled Local Switching has four (4) access lines or more and the lines are located in density zone 1 in specified Metropolitan Statistical Areas (MSAs). Unbundled local switching is available at market-based rates when CLECs end user customer to be served with Unbundled Local Switching has four (4) or more access lines and the lines are located in density zone 1 in specified MSAs. This exception applies to density zone 1 as it was

defined by Qwest on January 1, 1999.

9.11.2.5.1 For the purposes of the above paragraph, the following Wire Centers constitute density zone 1 in each of the specified MSAs:

<b>MSA</b>	<b>CLLI</b>	<b>Wire Center Name</b>
Seattle/Tacoma	STTLWA06 STTLWAEL	Seattle Main Seattle Elliott

9.11.2.5.1.1 For end user customers located within the Wire Center specified above, CLEC will determine whether end user customers it intends to serve with UNEs have four access lines or more in advance of submitting an order to Qwest for Unbundled Local Switching at UNE rates. If the end user customer is served by four access lines or more, CLEC will not submit an order to Qwest for Unbundled Local Switching at UNE rates.

9.11.2.5.2 This exclusion will be calculated using the number of DS0-equivalent access lines CLEC intends to serve an end user customer within a Wire Center specified above.

9.11.2.5.3 Reserved for Future Use

9.11.2.5.4 Only dial-tone lines shall be used in counting the exclusion. Private line type data lines, alarm or security lines, or any other type of non-dial-tone lines shall not be used in the count.

9.11.2.5.5 The high frequency portion of a Loop shall not count as a second line.

9.11.2.5.6 End-user customers shall be considered individually in MDU buildings or any other multiple use or high-rise building or campus configuration, as long as they are individually billed as the customer of record.

9.11.2.5.7 CLEC may order new Unbundled Local Switching or UNE-P Combinations in quantities that exceed three (3). If CLEC orders four (4) or more such Unbundled Local Switching elements or UNE-P Combinations for an individual end user customer within the Wire Center(s) identified above in this section, market-based rates for the Unbundled Local Switching elements or for the unbundled switching component of the UNE-P service as provided in Exhibit A to this Agreement shall apply.

9.11.2.5.7.1 When a CLEC's end user customer with three (3) lines or fewer served by UNE-P or unbundled switching adds lines so that it has four (4) or more lines, CLEC shall do one of the following regarding the original three (3) Unbundled Local Switching elements or UNE-P lines within sixty (60) days from the date the fourth line is added: 1) CLEC may retain such unbundled switching lines at a market-based rate or retain such UNE-P lines as UNE-P Combinations with a market-based rate for the unbundled switching component shown in Exhibit A of this

Agreement; or 2) CLEC shall convert such lines from UNE-P lines or unbundled switching elements to resold services or other appropriate arrangement.

9.11.2.5.8 A BRI ISDN line counts as one line.

9.11.2.6 CLEC must order DID numbers in blocks of 20. One primary directory listing in the main directory is provided for each PBX system.

9.11.2.7 CLEC is required to subscribe to a sufficient number of trunk ports to adequately handle volume of incoming calls.

9.11.2.8 Additional line or trunk features not offered with the basic DID/PBX product, are available to CLEC on an Individual Case Basis.

9.11.2.9 Additional arrangements not offered with the basic PRI product are available to CLEC on an Individual Case Basis.

9.11.2.10 Qwest will provide access to Centrex Customer Management System (CMS) with unbundled switching.

9.11.2.11 Qwest will comply with the FCC's Open Network Architecture (ONA) rules for Network Disclosure. Should the ONA rules be modified so that Network Disclosure is no longer required, this Agreement shall be modified to include provision for disclosure of network interface changes.

### **9.11.3 Rate Elements**

9.11.3.1 Each port type described above will have a separate associated port charge, including monthly recurring charges and one-time non-recurring charges which are contained in Exhibit A of this Agreement. Exhibit A contains both the UNE rates and market rates for this component of unbundled local switching. UNE Rates apply unless the end user customer to be served has four access lines or more and the lines are located in density zone 1 in MSAs specified earlier in this UNE Section. In the latter circumstance, market rates apply.

9.11.3.2 The rate structure for PRI ISDN trunk ports includes a monthly Minute of Use (MOU) recurring charge for the basic PRI ISDN product (23B+D plus standard features). Non-recurring charges are incurred for the trunk port, first trunk and each additional trunk.

9.11.3.3 Originating local usage will be measured and billed based on minutes of use. Exhibit A contains the UNE rates and the market rates for this component of Unbundled Local Switching. UNE Rates apply unless the end user customer to be served has four access lines or more and the lines are located in density zone 1 in MSAs specified earlier in this Section. In the latter circumstance, market rates apply.

9.11.3.4 Vertical features will be offered as options for Unbundled Local Switching at rates set forth in Exhibit A of this Agreement. Exhibit A contains the UNE rates and the market rates for this component of Unbundled Local Switching. UNE Rates apply unless the end user customer to be served has four access lines or more and the lines

are located in density zone 1 in MSAs specified earlier in this Section. In the latter circumstance, market rates apply.

9.11.3.5 Subsequent Order Charge. A subsequent order charge, as set forth in Exhibit A of this Agreement, applies when CLEC orders additional vertical features to an existing port.

#### **9.11.4 Ordering**

9.11.4.1 Installation intervals for Unbundled Switch Ports and switch-activated Vertical features are contained in the Exhibit C. The interval will start when Qwest receives a complete and accurate Local Service Request/Access Service Request (LSR/ASR). This date is considered the start of the service interval if the order is received prior to 3:00 p.m. The service interval will begin on the next business day for service requests received after 3:00 p.m. This interval may be impacted by order volumes and load control considerations. The service intervals have been established and are set forth in Exhibit C to this Agreement.

9.11.4.2 Switch-activated vertical features shall be ordered using the LSR (Local Service Request) process as described in the PCAT.

9.11.4.3 Vertical features that are loaded in a switch, but not activated, shall be ordered using the Special Request Process set forth in Exhibit F. Qwest will provide the cost and timeframe for activation of the requested vertical feature(s) to CLEC within fifteen (15) business days of receipt of the Special Request.

9.11.4.4 Vertical features that are not loaded in a switch shall be ordered using the Special Request Process set forth in Exhibit F. Qwest will provide information to CLEC on the feasibility of providing the vertical feature(s) within 15 business days of receipt of the Special Request.

9.11.4.5 Unbundled local switch ports are required when ordering unbundled Shared Transport as described in the PCAT.

#### **9.11.5 Usage Billing Information**

9.11.5.1 Exchange Access Service(s)

Qwest shall provide CLEC with usage information necessary to bill for InterLATA and IntraLATA exchange access in the form of either the actual usage or a negotiated or state-approved surrogate for this information.

9.11.5.2 Retail Service(s)

Qwest shall provide CLEC with information necessary for CLEC to bill its end user customers in the form of the actual information that is comparable to the information Qwest uses to bill its own end user customers.

9.11.5.3 Local Usage

Qwest shall record and provide to CLEC local/EAS usage data for originating, but not terminating, local traffic, including but not limited to transit traffic. Until such time that

Qwest provides CLEC with local/EAS usage data for terminating local traffic, Qwest shall not charge CLEC for terminating minutes of use.

## **9.12 Customized Routing**

### **9.12.1 Description**

9.12.1.1 Customized Routing permits CLEC to designate a particular outgoing trunk that will carry certain classes of traffic originating from CLEC's end users. Customized routing enables CLEC to direct particular classes of calls to particular outgoing trunks which will permit CLEC to self-provide or select among other providers of interoffice facilities, operator services and directory assistance. Customized routing is a software function of a switch. Customized Routing may be ordered as an application with Resale or Unbundled Local Switching.

9.12.1.2 CLEC may elect to route its end user customers' traffic in the same manner as Qwest routes its end user customers' calls using existing Qwest line class code(s). This option eliminates assignment and deployment charges applicable to new CLEC line class code(s) required for custom or unique CLEC routing requests, as described in this Section.

### **9.12.2 Terms and Conditions**

9.12.2.1 Customized Routing will be offered on a first-come, first-served basis.

9.12.2.2 CLEC has two (2) options by which to route its end user customers' calls:

a) CLEC may elect to route all of its end user customers' calls in the same manner as Qwest routes its end user customers' calls. This option allows CLEC to use the same line class code(s) used by Qwest and thus eliminates line class code(s) and deployment charges to CLEC.

b) CLEC may elect to custom route its end user customers' calls differently than Qwest routes its end user traffic. CLEC may choose different routing by traffic type, by prefix, etc. In this option, there will be a charge for the establishment and deployment of a new CLEC line class code(s). If a CLEC line class code(s) was previously established and deployed at a particular end office, only a deployment charge will apply per new end office location.

9.12.2.3 In both option (a) and (b) above, CLEC shall provide comprehensive routing information associated with any routing request. Qwest will provide line class code(s) to CLEC for inclusion in CLEC LSR (Local Service Request).

### **9.12.3 Rate Elements**

9.12.3.1 Charges for development of a new CLEC line class code(s) for routing of Directory Assistance and Operator Services traffic is included in Exhibit A. All other custom routing arrangements shall be billed on an Individual Case Basis for each custom routed request.

9.12.3.2 Charges for the installation of new line class codes for custom routing arrangements for directory assistance and operator services traffic is included in Exhibit

A. Installation charges for all other custom routing arrangements shall be billed on an Individual Case Basis for each switch in which the code is deployed.

#### **9.12.4 Ordering Process**

9.12.4.1 CLEC shall issue a Service Inquiry form detailing its routing and facility requirements prior to a pre-order meeting with Qwest. Refer to the New Customer Questionnaire contained in the PCAT for a copy of the Service Inquiry.

9.12.4.2 After the Service Inquiry form is completed and provided to Qwest, the pre-order meeting will be jointly established to provide Qwest with the comprehensive network plan, specific routing requirements and desired due dates.

9.12.4.3 Qwest will provide CLEC a detailed time and cost estimate thirty (30) business days after the pre-order meeting.

9.12.4.4 If custom routing is requested, CLEC shall submit a 50% deposit for the establishment and deployment of a new CLEC line class code(s). Qwest will assign a new CLEC line class code(s) and provide it to CLEC for inclusion in the LSR (Local Service Request) which CLEC will subsequently issue for deployment of the line class code(s) by Qwest.

9.12.4.5 If CLEC elects to route their end users' calls in the same manner in which Qwest routes its end user customers' calls, establishment and deployment charges for new CLEC line class code(s) will not apply. Qwest will assign existing Qwest line class code(s) and provide to CLEC for inclusion in the LSR (Local Service Request).

9.12.4.6 CLEC must place the associated trunk orders prior to the establishment or deployment of Line Class Codes in specific end offices.

#### **9.12.5 Maintenance and Repair**

Maintenance and Repair are the sole responsibility of Qwest. Reference the Maintenance and Repair processes contained in this Agreement.

### **9.13 Access to Signaling**

#### **9.13.1 Description**

9.13.1.1 Qwest will provide CLEC with non-discriminatory access to signaling networks, including signaling links and Signaling Transfer Points (STP), call-related databases and Service Management Systems (SMS) on an unbundled basis. The individual call-related databases and associated SMS are addressed in Sections 9.14 – 9.17. Access to Qwest's signaling network provides for the exchange of signaling information necessary to exchange traffic and access call-related databases. Signaling networks enable CLEC the ability to send SS7 messages between its switches and Qwest's switches, and between CLEC's switches and those third party networks with which Qwest's signaling network is connected. CLEC may access Qwest's signaling network from a CLEC switch via unbundled signaling and unbundled signaling transport elements between CLEC's switch and Qwest STPs. CLEC may access Qwest's signaling network from each of its switches via a signaling link pair between its switch

and the Qwest STPs. CLEC may make such connection in the same manner as Qwest connects one of its own switches to STPs. Access to Qwest's signaling network for purposes of Interconnection and the exchange of traffic is addressed in Section 7. The Common Channel Signaling used by the Parties shall be Signaling System 7.

9.13.1.2 Common Channel Signaling Access Capability/Signaling System 7 (CCSAC/SS7) provides multiple pieces of signaling information via the SS7 network. This signaling information includes, but is not limited to, specific information regarding calls made on associated Feature Group D trunks and/or LIS trunks, Line Information Database (LIDB) data, Local Number Portability (LNP), Custom Local Area Signaling Services (CLASS), 8XX set up information, Call Set Up information and transient messages.

9.13.1.3 Optional features of CCSAC/SS7 are dependent on specific CLEC design requirements as well as the existence of adequate transport facilities. Transport facilities must be in place to accommodate Call Set Up of related Feature Group D and/or LIS messages, transient messages, and other ancillary services (e.g., LIDB data and 8XX set up information).

## **9.13.2 Terms and Conditions**

9.13.2.1 All elements of the unbundled CCSAC/SS7 arrangement will be developed on an Individual Case Basis based on CLEC's design requirements. All of CLEC's unbundled design elements are subject to facility requirements identified below.

9.13.2.2 At a minimum, transport facilities must exist from CLEC's Point of Presence or Signaling Point of Interface (SPOI) to the identified Qwest STP location. Unbundled transport facilities to accommodate CCSAC/SS7 signaling may be developed using Unbundled Network Elements (UNEs) as defined in Section 9.

9.13.2.3 CLEC's CCSAC/SS7 design requirements will include, but are not limited to:

9.13.2.3.1 STP Port - This element is the point of termination to the signal switching capabilities of the STP. Access to a Qwest STP Port is required at a DS0 level.

9.13.2.3.2 Specific Point Code detail including the identification of CLEC's Originating, Destination and Signaling Options (i.e., ISDN User Part [ISUP] or Transaction Capabilities Application Part [TCAP] requirements).

9.13.2.3.3 All signaling routing requirements will be identified in CLEC's design. CLEC will provide industry standard codes identifying Qwest end offices, tandems, sub-tending end offices and STPs that will be included in the designed unbundled signaling arrangement.

9.13.2.4 The CCSAC/SS7 unbundled arrangement must meet the following requirements:

9.13.2.4.1 Both Qwest and CLEC are obligated to follow existing industry standards as described in Telecordia documents including but not limited to GR-



905 CORE, GR-954-CORE, GR-394-CORE and Qwest Technical Publication 77342.

9.13.2.4.2 CLEC's switch or network SS7 node must meet industry and Qwest certification standards.

9.13.2.4.3 Unbundled transport facilities as identified in Section 9 of this Agreement must be provisioned at a minimum DS1 capacity at CLEC's Point of Presence or SPOI. This facility must be exclusively used for the transmission of network control signaling data.

9.13.2.4.4 Calling Party Number (CPN), or a reasonable alternative, will be delivered by each Party to the other, in accordance with FCC requirements, when received from another carrier or from the telephone equipment of the end user.

9.13.2.4.5 Carrier Identification Parameter (CIP) will be delivered by CLEC to Qwest in accordance with industry standards, where technically feasible.

9.13.2.4.6 Provisions relating to call related databases (i.e., 8XX, LIDB, Advanced Intelligent Network (AIN), etc.) are contained in other Sections of this Agreement. For example, LNP is described in Section 10.2, AIN in Section 9.14, LIDB in Section 9.15, 8XX in Section 9.16, and ICNAM in Section 9.17.

### **9.13.3 Rate Elements**

Rates and charges for the unbundled CCSAC/SS7 elements will be assessed based on CLEC's specific design requirements. Both non-recurring and monthly recurring rates may be applicable. Message rating applies to all messages traversing the Qwest signaling network. Messages which are transient in nature (not destined for Qwest databases) will be assessed message rates. Pricing detail is provided in Exhibit A of this Agreement. Rate elements for unbundled CCSAC/SS7 elements are:

9.13.3.1 Non-recurring Rates. CCSAC Option Activation Charge – Assessed for adding or changing a point code in the signaling network. Qwest will charge CLEC based upon its selection of either basic or database activation, as detailed in Exhibit A of this Agreement.

#### **9.13.3.2 Recurring Rates**

9.13.3.2.1 STP Port - a monthly recurring charge, per connection into the STP.

9.13.3.2.2 Signal Formulation Charge - a per call set up charge for formulating the ISUP message at a SS7 SP/SSP.

9.13.3.2.3 Signal Transport Charge - a per call set up request or data request charge for the transmission of signaling data between the local STP and an end office SP/SSP. This rate element includes separate charges for ISUP and TCAP messages.

9.13.3.2.4 Signal Switching Charge - a per call set up request or data request charge for switching an SS7 message at the local STP. This rate element includes separate charges for ISUP and TCAP messages.

#### **9.13.4 Ordering**

9.13.4.1 CCSAC/SS7 unbundled CLEC-designed elements will initially require design information from CLEC. Ordering for CCSAC/SS7 will be handled on an individual basis, using service activation meetings between CLEC and Qwest. CLEC will provide a Translation Questionnaire, Link Data Sheet and ASR during the service activation meetings.

9.13.4.2 Qwest will provide jeopardy notification, Design Layout Reports (DLR), Completion Notification and Firm Order Confirmation (FOC) in a non-discriminatory manner.

9.13.4.3 Due date intervals for CCSAC/SS7 will be established on an Individual Case Basis.

#### **9.13.5 Maintenance and Repair**

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 Section 12 of this Agreement.

### **9.14 AIN Services**

#### **9.14.1 Description**

AIN services are offered and available as an enhancement to CLEC's SS7 capable network structure and operation of AIN Version 0.1 capable switches.

9.14.1.1 AIN Customized Services (ACS) - Allows CLEC to utilize Qwest's AIN service application development process to develop new AIN services or features. ACS is determined on an Individual Case Basis. The elements are also combined on an Individual Case Basis to meet CLEC's request. Services developed through the ACS process can either be implemented in Qwest's network or handed off to CLEC to be installed in its own network.

9.14.1.2 AIN Platform Access (APA) - This service allows CLEC to provide to its end users any AIN service that is deployed for CLEC utilizing the ACS process in Qwest's SCP. Qwest is responsible for the provisioning of these AIN services. CLEC will be able to populate data for provisioning of the Call Processing Records (CPRs) stored in the SCP for AIN services. The process to provision, modify or update information in the AIN databases is predominately manual.

9.14.1.3 AIN Query Processing (AQP) - TCAP queries are used to collect information from the AIN database for use in call processing of the AIN based services above. CLEC launches a query from an AIN capable switch over the SS7 network to the Qwest Signal Transfer Point (STP). This query is directed to Qwest's SCP to collect

data for the response to the originating switch.

## **9.14.2 Terms and Conditions**

9.14.2.1 AIN Customized Services (ACS) - Since each proposed service is unique and complex, when ACS is ordered, Qwest conducts a feasibility study which estimates the amount of time and cost necessary to develop the proposed service or enhancement. The charges associated with the feasibility analysis, development and implementation shall be established pursuant to the BFR process as described in this Agreement. The service is developed and tested in a Qwest lab environment. If the service is implemented in Qwest's network, it goes through network test prior to implementation.

### **9.14.2.2 AIN Platform Access (APA)**

9.14.2.2.1 Prior to activation of the AIN feature, CLEC's switch point code must be activated for AIN processing on the CCSAC/SS7 link (described in this Section) that is transporting the AIN query.

9.14.2.2.2 Qwest will provide requirements for data load preparation and delivery by CLEC.

9.14.2.2.3 In order to make AAOS service work, service logic must be loaded in the AIN application to provision an AIN service on the platform for CLEC. Qwest is responsible for provisioning the Call Processing Record (CPR) in the SCP.

9.14.2.2.4 Each end user line must be provisioned by the facility owner. CLEC is responsible for setting the AIN trigger in its switch.

9.14.2.2.5 AIN Query Processing. Qwest will certify and test CLEC switch for AIN message transmission to assure quality performance as described in this Section. Qwest and CLEC will test cooperatively.

## **9.14.3 Rate Elements**

9.14.3.1 AIN Customized Services (ACS). Hourly rates are applicable for each component of the ACS service according to the estimates determined in the feasibility analysis. The specific charges for each component and the terms and conditions for payment shall be described in the BFR response described above.

9.14.3.2 AIN Platform Access (APA). APA is billed a monthly recurring and a one-time non-recurring charge for each AIN feature activated, per telephone number.

9.14.3.3 AIN Query Processing. The AIN service rates will be developed and assessed in accordance with the specific service requested by CLEC.

## **9.14.4 Ordering**

9.14.4.1 ACS is ordered on an Individual Case Basis and is coordinated through the Qwest account manager and product manager. Due date intervals for the proposal phase are detailed below:

- a) Within five business days of an inquiry, Qwest will provide CLEC with the Service Request Form.
- b) Within ten business days of receiving the Service Request, Qwest will provide a written acknowledgment of receipt.
- c) Within 15 business days of acknowledgment, Qwest will assess the Service Request and prepare for a meeting with CLEC to review the Service Request.
- d) Qwest will be available to attend a Service Request Meeting within five business days of the completion of the assessment. The Service Request will be considered accepted once Qwest and CLEC come to an agreed-upon understanding of the service feature set and scope.
- e) Within thirty (30) business days of acceptance of the Service Request, Qwest will provide a response, the Service Evaluation, which includes an initial service evaluation and development time and cost estimates.
- f) Within ninety (90) business days of end user approval of the Service Evaluation, Qwest will complete a Feasibility Analysis, which includes development time and costs.

Remaining deliverables are negotiated with CLEC so that mutually-agreeable due dates based on service complexity are established.

9.14.4.2 APA is ordered using the LSR form.

9.14.4.3 In the event that Miscellaneous Charges apply, they will be applied consistent with the application used for equivalent services ordered by Qwest end users.

9.14.4.4 Upon receipt of a complete and accurate LSR, Qwest will load CLEC records into the AIN database within ten days. Qwest will also establish translations at the STP to allow query access from CLEC switch within ten days.

9.14.4.5 Completion notification will be either by e-mail or by fax.

9.14.4.6 AIN Query Processing (AQP) – is specific to the service ordered and must be established at the time of the APA ordering process.

## **9.15 Interconnection to Line Information Database (LIDB)**

### **9.15.1 Line Information Database (LIDB) Storage**

#### **9.15.1.1 Description -- LIDB Storage**

9.15.1.1.1 Line Information Database (LIDB) stores various telephone line

numbers and Special Billing Number (SBN) data used by operator services systems to process and bill Alternately Billed Services (ABS) calls. The operator services system accesses LIDB data to provide originating line (calling number), billing number and terminating line (called number) information. LIDB is used for calling card validation, fraud prevention, billing or service restrictions and the sub-account information to be included on the call's billing record.

9.15.1.1.2 Telecordia's GR-446-CORE defines the interface between the administration system and LIDB including specific message formats (Telecordia's TR-NWP-000029, Section 10).

#### **9.15.1.2 Terms and Conditions -- LIDB Storage**

CLEC will provide initial data, add, update or delete data, and license said data to Qwest for placement in Qwest's LIDB. CLEC will provide and maintain necessary information to enable Qwest to provide LIDB services. CLEC will ensure, to the extent possible, the accuracy of the data provided to Qwest for storage in Qwest's LIDB, and supply updated and changed data in a timely manner.

#### **9.15.1.3 Rate Elements -- LIDB Storage**

LIDB Data Storage does not have a recurring charge. When electronic access becomes available, a one-time non-recurring fee may be charged for the initial load of CLEC's data into LIDB.

#### **9.15.1.4 Ordering -- LIDB Storage**

Qwest will be responsible for loading and updating CLEC's line records into the LIDB database from the data provided by CLEC. The establishment of CLEC line records will be provisioned through an interim manual process. Updates, adds, changes and deletions subsequent to the initial file for establishment must be e-mailed to Qwest. Emergency updates (adds, changes, deletes) may be faxed. CLEC is responsible for the accuracy of the data sent to Qwest. Inquiries from CLEC must be faxed to Qwest using the approved forms appropriate for the type of inquiry requested.

### **9.15.2 Line Validation Administration System (LVAS) Access**

#### **9.15.2.1 Description -- LVAS Access**

9.15.2.1.1 LVAS is the comprehensive administrative management tool which loads the LIDB data and coordinates line record updates in Qwest's redundant LIDB databases. LVAS is the vehicle that audits stored information and assures accurate responses.

9.15.2.1.2 LVAS access is available only to facility-based CLECs.

#### **9.15.2.2 Terms and Conditions -- LVAS Access**

9.15.2.2.1 CLEC will provide Qwest with the following information:

- a) The LIDB service requested (i.e., calling name, calling cards,

Originating Line Number Screening (OLNS), ABS, etc.);

- b) CLEC's Revenue Accounting Office (RAO), Operating Customer Number (OCN), and/or Local Service Provider Identification (LSPI);
- c) The NPA NXX and signaling point codes for the operator or End Office Switches from which queries are launched;
- d) The identity of CLEC's SS7 provider for Number Portability, ABS, OLNS and calling name;
- e) The identity of CLEC's operator services provider for ABS queries;
- f) Intentionally Left Blank; and
- g) The contact names and fax numbers of all CLEC personnel to be contacted for fraud notification and LIDB data administration.

9.15.2.2.2 CLEC will e-mail to Qwest all updates, adds, changes, and deletions to the initial file in ASCII format.

9.15.2.2.3 Within one business day of receipt of the file, Qwest will attempt to load the file into LVAS. If Qwest successfully loads the file into LVAS, the originator of CLEC's files will be notified by Qwest.

9.15.2.2.4 In the event that Qwest is not successful in loading the file because errors were detected, Qwest will e-mail the file back to CLEC with an error notice.

9.15.2.2.5 Reserved for Future Use

9.15.2.2.6 Qwest will provide to CLEC the necessary methods and procedures when the LVAS electronic interface becomes available.

### **9.15.2.3 Rate Elements -- LVAS Access**

9.15.2.3.1 LIDB Line Record Initial Load Charge - CLEC shall reimburse Qwest for all charges Qwest incurs relating to the input of CLEC's end user line record information, including the formatting of data so that it may be loaded into LVAS.

9.15.2.3.2 Mechanized Service Account Update - LVAS Access is the product which allows CLEC to add, update and delete telephone line numbers from the Qwest LIDB for CLEC's end users. Qwest will charge CLEC for each addition or update processed.

9.15.2.3.3 Individual Line Record Audit - CLEC may verify the data for a given ten digit line number using an inquiry of its end user data.

9.15.2.3.4 Account Group Audit - CLEC may audit an individual Account Group NPA-NXX.

9.15.2.4 Expedited Request Charge for Manual Updates - CLEC may request an expedited manual update to the LIDB database that requires immediate action (i.e., deny PIN number). Qwest shall assess CLEC an expedited request charge for each manual update.

9.15.2.5 Ordering - LVAS Access.

LVAS report queries from CLEC must be faxed to Qwest MIDAS center using the approved forms appropriate for the type of inquiry requested.

9.15.2.6 Billing - Line Validation Administration System (LVAS) Access.

When electronic access becomes available, a per query rate may apply to each Mechanized Service Account Update, Individual Line Record Audit, Account Group Audit, and Expedited Request Charge for Manual Updates.

### **9.15.3 LIDB Query Service**

9.15.3.1 Description - LIDB Query Service

9.15.3.1.1 LIDB Query Service provides information to query originators for use in processing Alternately Billed Services (ABS) calls. ABS call types include calling card, billed to third number, and collect calls.

9.15.3.1.2 On behalf of CLEC, Qwest will process LIDB queries from query originators (Telecommunications Carriers) requesting CLEC telephone line number data. Qwest allows LIDB query access through Qwest regional STPs.

9.15.3.2 Terms and Conditions - LIDB Query Service

9.15.3.2.1 All LIDB queries and responses from operator services systems and end offices are transmitted over a CCS network using a Signaling System 7 (SS7) protocol (TR-NWT-000246, Bell Communications Research Specification of Signaling System 7).

9.15.3.2.2 The application data needed for processing LIDB data are formatted as Transaction Capabilities Application Part (TCAP) messages. TCAP messages may be carried as an application level protocol using SS7 protocols for basic message transport.

9.15.3.2.3 The SCP node provides all protocol and interface support. CLEC SS7 connections will be required to meet Telecordia's GR905, TR954 and Qwest's Technical Publication 77342 specifications.

9.15.3.2.4 Qwest will include CLEC-provided data in Qwest's LIDB in accordance with section 9.15.1 (LIDB Storage), and allow access to the data subject to Qwest negotiated agreements with Telecommunications Carriers, allowing CLEC's end users the same benefits of said agreements as enjoyed by Qwest end users. Qwest will update CLEC data, as requested by CLEC. Qwest will perform services provided hereunder and determine the applicable standard for the data, in accordance with operating methods, practices and standards in

effect. Qwest shall exercise reasonable efforts to provide accurate and complete LIDB information in Qwest's LIDB.

#### 9.15.3.3 Rate Elements - LIDB Query Service

9.15.3.3.1 The recurring charges for LIDB queries for Alternately Billed Services (ABS) calls processed by an Operator Services Switch are contained in Exhibit A of this Agreement.

9.15.3.3.2 LIDB Query rates apply in addition to all applicable CCSAC charges.

#### 9.15.3.4 Ordering - LIDB Inquiry Service

9.15.3.4.1 LIDB requires a connection to the Common Channel Signaling Network (CCSN). Therefore, CLEC must have Common Channel Signaling Access Capability (CCSAC).

9.15.3.4.2 Provisioning of LIDB is done via the LIDB Access Request Form. Upon receipt of an accurate LIDB Access Request Form, Qwest will complete all necessary work and service will be available within seven (7) business days.

9.15.3.4.3 In addition to the LIDB Request Form, hub providers requesting LIDB services on behalf of CLEC must furnish Qwest a Proof of Authorization to prove that they have CLEC authorization to provide these services. This letter must be on file prior to provisioning.

### 9.15.4 Fraud Alert Notification

#### 9.15.4.1 Description - Fraud Alert Notification

The WatchDog Fraud Management System (FMS) processes the LIDB query detail records to establish patterns and identify potential fraudulent situations. WatchDog issues an alert to the Qwest Fraud Investigation Unit (FIU). Qwest will notify CLEC of system alerts on CLEC end user lines.

#### 9.15.4.2 Terms and Conditions - Fraud Alert Notification

Qwest will notify CLEC of system alerts on CLEC end user lines. At the direction of CLEC, Qwest will institute a block to prevent any further occurrence of fraud or uncollectible toll charges in accordance with practices used by Qwest for its own end users. Such practices include, but are not limited to, removing from valid data those data which incur fraud or uncollectible toll charges.

#### 9.15.4.3 Rate Elements - Fraud Alert Notification

Fraud Alert Notification will be billed on a time and material basis per alert.

#### 9.15.4.4 Ordering - Fraud Alert Notification



As part of the planning for LIDB Data Storage, CLEC will provide Qwest a contact for fraud notification. The contact must be available 24 hours a day, 7 days a week. Qwest will not take any action when fraud notification is received other than to notify CLEC. CLEC may request that Qwest deny a calling card. Any request of this type must be followed up by a fax as a confirmation.

## **9.16 8XX Database Query Service**

9.16.1 8XX Database Query Service is an originating service which provides the Carrier Identification Code (CIC) and/or the vertical features associated with the 8XX number. Call routing information in the SMS/800 Database reflects the desires of the owner of the 8XX number as entered in the SMS/800 by its chosen responsible organization.

### **9.16.2 8XX Optional Features**

9.16.2.1 POTS Translation - Delivers the ten-digit Plain Old Telephone Service (POTS) number to CLEC. To determine that the call originated as an 8XX number, the trunk group must be provisioned with Automatic Number Identification (ANI). ANI digit 24 will be delivered to the trunk group.

9.16.2.2 Call Handling and Destination Features - This will allow routing options by specifying a single carrier, multiple carriers, single termination or multiple terminations. Multiple terminations may require the POTS translation feature. Variable routing options are:

- a) Routing by originating NPA-NXX-XXXX;
- b) Time of day;
- c) Day of week;
- d) Specified date; and
- e) Allocation by percentage.

### **9.16.3 Rate Elements**

9.16.3.1 The recurring charges for 8XX Database Query Service, POTS Translation, and Call Handling and Destination Features are contained in Exhibit A of this Agreement.

9.16.3.2 The rates for 8XX Database Query Service only apply to queries from CLEC's switch to the Qwest 8XX Database. If CLEC routes 8XX traffic to Qwest for delivery to an Interexchange Carrier, the call shall be handled as jointly provided switched access. If CLEC routes such traffic to Qwest without performing the query, Qwest shall perform the query in accordance with its switched access Tariff.

9.16.3.3 Non-recurring Options Activations Charge will apply for CLEC to activate 8XX Database Query Service. These rate elements are contained in the CCSAC/SS7 section of Exhibit A.

#### **9.16.4 Ordering Process**

9.16.4.1 CLEC shall order access to Qwest local STP (links and ports) prior to or in conjunction with 8XX Database Query Service.

9.16.4.2 The information and time intervals to order STP (links and ports) are contained in the Common Channel Signaling Capability/SS7 Section of this Agreement. STP links and ports are required with 8XX Database Query Service.

9.16.4.3 8XX Database Query Service shall be provided within thirty (30) days after CLEC has access to the Qwest local STP.

#### **9.16.5 Technical Requirements**

9.16.5.1 Qwest shall make Qwest's Toll Free Number Database available, through its STPs, for CLEC to query from CLEC's designated switch.

9.16.5.2 The Toll Free Number Database shall return carrier identification and, where applicable, the queried toll free number, translated numbers and instructions as it would in response to a query from a Qwest switch.

#### **9.16.6 Interface Requirements**

The signaling interface between CLEC's or other local switch and the Toll-Free Number Database shall use the TCAP protocol as specified in the technical references together with the signaling network interface.

#### **9.16.7 Technical References**

SCPs/Databases shall be consistent with the following technical references:

9.16.7.1 GR-246-CORE, Bell Communications Research Specification of Signaling System Number 7, Issue 1 (Bellcore, December 1994);

9.16.7.2 GR-1432-CORE, CCS Network Interface Specification (CCSNIS) Supporting Signaling Connection Control Part (SCCP) and Transaction Capabilities Application Part (TCAP) (Bellcore, March 1994);

9.16.7.3 GR-954-CORE, CCS Network Interface Specification (CCSNIS) Supporting Line Information Database (LIDB) Service 6, Issue 1, Rev. 1 (Bellcore, October 1995);

9.16.7.4 GR-1149-CORE, OSSGR Section 10: System Interfaces, Issue 1 (Bellcore, October 1995) (Replaces TR-NWT-001149);

9.16.7.5 GR-1158-CORE, OSSGR Section 22.3: Line Information Database 6, Issue (Bellcore, October 1995); and

9.16.7.6 WGR-1428-CORE, CCS Network Interface Specification (CCSNIS) Supporting Toll Free Service (Bellcore, May 1995).

## **9.17 InterNetwork Calling Name (ICNAM)**

### **9.17.1 Description**

9.17.1.1 InterNetwork Calling Name (ICNAM) is a Qwest service that allows CLEC to query Qwest's ICNAM database and secure the listed name information for the requested telephone number (calling number), in order to deliver that information to CLEC's end users.

9.17.1.2 ICNAM database contains current listed name data by working telephone number served or administered by Qwest, including listed name data provided by other Telecommunications Carriers participating in the calling name delivery service arrangement.

### **9.17.2 Terms and Conditions**

9.17.2.1 In response to queries properly received at Qwest's ICNAM database, Qwest will provide the listed name of the calling party that relates to the calling telephone number (when the information is actually available in Qwest's database and the delivery thereof is not blocked or otherwise limited by the calling party or other appropriate request). CLEC is responsible for properly and accurately launching and transmitting the query from its serving office to the Qwest database.

9.17.2.2 In response to proper signaling queries, Qwest will provide CLEC with ICNAM database end user information if the calling party's end user information is stored in the Qwest ICNAM database. As a result, the called party end user can identify the calling party listed name prior to receiving the call, except in those cases where the calling party end user has its ICNAM information blocked.

9.17.2.3 Qwest will allow CLEC to query Qwest's ICNAM database in order to obtain ICNAM information that identifies the calling party end user.

9.17.2.4 The ICNAM service shall include the database dip and transport from Qwest's regional STP to Qwest's SCP where the database is located. Transport from CLEC's network to Qwest's local STP is provided via Links, which are described and priced in the CCSAC/SS7 Section of this Agreement.

9.17.2.5 CLEC shall send queries conforming to the American National Standards Institute's (ANSI) approved standards for SS7 protocol and per the following specification standard documents:

- a) Telcordia-SS7 Specification, TR-NPL-000246;
- b) ANSI-SS7 Specifications;
- c) Message Transfer Part T1.111;
- d) Signaling Connection Control Part T1.112;
- e) Transaction Capabilities Application Part T1.114;
- f) Telcordia-CLASS Calling Name Delivery;

- g) Generic Requirements, TR-NWT-001188; and
- h) Telcordia-CCS Network Interface Specifications, TR-TSV-000905.

9.17.2.6 CLEC acknowledges that transmission in the above protocol is necessary for Qwest to provision its ICNAM services. CLEC will adhere to other applicable standards, which include Telcordia specifications defining service applications, message types and formats. Qwest may modify its network pursuant to other specification standards that may become necessary to meet the prevailing demands within the United States telecommunications industry. All such changes shall be announced in advance and coordinated with CLEC.

9.17.2.7 All queries to Qwest's ICNAM database shall use a subsystem number (the designation of application) value of 250 with a translation type value of 5. CLEC acknowledges that such subsystem number and translation type values are necessary for Qwest to properly process queries to Qwest's ICNAM database.

9.17.2.8 CLEC acknowledges and agrees that SS7 network overload due to extraordinary volumes of queries and/or other SS7 network messages can and will have a detrimental effect on the performance of Qwest's SS7 network. CLEC further agrees that Qwest, in its sole discretion, shall employ certain automatic and/or manual overload controls within the Qwest SS7 network to safeguard against any detrimental effects. Qwest shall report to CLEC any instances where overload controls are invoked due to CLEC's SS7 network, and CLEC agrees in such cases to take immediate corrective actions as necessary to cure the conditions causing the overload situation.

9.17.2.9 Qwest shall exercise reasonable efforts to provide accurate and complete ICNAM information in Qwest's ICNAM database. The ICNAM information is provided on an as-is Basis with all faults. Qwest does not warrant or guarantee the correctness or the completeness of such information; however, Qwest will access the same ICNAM database for CLEC's queries as Qwest accesses for its own queries. In no event shall Qwest have any liability for system outage or inaccessibility or for losses arising from the authorized use of the ICNAM data by CLEC.

9.17.2.10 CLEC shall arrange its Calling Party Number based services in such a manner that when a calling party requests privacy, CLEC will not reveal that caller's name or number to the called party (CLEC's end user). CLEC will comply with all FCC guidelines and, if applicable, the appropriate Commission rules, with regard to honoring the privacy indicator.

9.17.2.11 Qwest retains full and complete ownership and control over the ICNAM database and all information in its database. CLEC agrees not to copy, store, maintain or create any table or database of any kind from any response received after initiating an ICNAM query to Qwest's database. CLEC will prohibit its end users from copying, storing, maintaining, or creating any table or database of any kind from any response provided by CLEC to its end user after CLEC initiated an ICNAM query to Qwest's ICNAM database.

9.17.2.12 Qwest reserves the right to temporarily discontinue the ICNAM service if CLEC's incoming calls are so excessive as determined by Qwest to jeopardize the viability of the ICNAM service.

### **9.17.3 Rate Elements**

Rate elements for ICNAM services are contained in Exhibit A of this Agreement.

### **9.17.4 Billing**

9.17.4.1 CLEC agrees to pay Qwest for each and every query initiated into Qwest's ICNAM database for any information, whether or not any information is actually provided.

9.17.4.2 ICNAM rates will be billed to CLEC monthly by Qwest for the previous month.

### **9.17.5 Ordering Process**

9.17.5.1 CLEC shall order access to Qwest local STP (links and ports) prior to or in conjunction with ICNAM Services. Section 9.13 contains information on ordering SS7 and STP links and ports.

9.17.5.2 If CLEC has an existing database of names that needs to be compiled into the appropriate format, ICNAM service will begin thirty (30) days after Qwest has received from CLEC its database information.

9.17.5.3 If CLEC has no existing end user base, then ICNAM service will begin seven (7) days after Qwest receives the CLEC order.

## **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**

Qwest will conduct an individual financial assessment of any request that requires construction of network capacity, facilities, or space for access to or use of UNEs. When Qwest constructs to fulfill CLEC's request for UNEs, Qwest will bid this construction on a case-by-case basis. Qwest will charge for the construction through non-recurring charges and a term agreement for the remaining recurring charge, as described in the Construction Charges Section. When CLEC orders the same or substantially similar service available to Qwest end user customers, nothing in this Section shall be interpreted to authorize Qwest to charge CLEC for special construction where such charges are not provided for in a Tariff or where such charges would not be applied to a Qwest end user customer. If Qwest agrees to construct a network element that satisfies the description of a UNE contained in this agreement, that network element shall be deemed a UNE.

## **9.20 Unbundled Packet Switching**

Qwest shall provide CLEC with unbundled Packet Switching in a non-discriminatory manner according to the following terms and conditions.

### **9.20.1 Description**

9.20.1.1 Unbundled Packet Switching provides the functionality of delivering and routing packet data units via a virtual channel to a CLEC demarcation point. Unbundled Packet Switching includes use of a distribution Loop and virtual transport facilities as well as the DSLAM functionality with the routing and addressing functions of the packet switch necessary to generate the virtual channel.

## 9.20.2 Terms and Conditions

9.20.2.1 CLEC may obtain unbundled packet switching only when all four of the following conditions are satisfied in a specific geographic area:

9.20.2.1.1 Qwest has deployed digital Loop carrier systems, including but not limited to, integrated digital Loop carrier or universal digital Loop carrier systems or has deployed any other system in which fiber optic facilities replace copper facilities in the distribution section.

9.20.2.1.2 There are no spare copper Loops available capable of supporting the xDSL services the requesting carrier seeks to offer.

9.20.2.1.3 Qwest has placed a DSLAM for its own use in a Remote Qwest Premises but has not permitted CLEC to collocate its own DSLAM at the same Remote Qwest Premises or collocating a CLEC's DSLAM at the same Qwest Premises will not be capable of supporting xDSL services at parity with the services that can be offered through Qwest's Unbundled Packet Switching.

9.20.2.1.4 Qwest has deployed packet switching capability for its own use.

9.20.2.2 A demarcation point must be established to the Qwest packet switch serving the DSLAM of the end user customer to which CLEC is providing data services.

9.20.2.3 Qwest will provide CLEC with virtual channels at a physical network demarcation point such as a DSX-1 or DSX-3 in the central office in which the packet switch is located.

9.20.2.4 The ATM virtual channels provided to CLEC shall conform with ATM User-to-Network Interface (UNI) specifications as described in ITU-T 1.371/ATM Forum.

9.20.2.5 CLEC must specify the number of virtual channels, the bit rate for each virtual channel, and the quality of service for each virtual channel. Qwest will commit to satisfy the request to the extent feasible. Qwest will provide CLEC with Unspecified Bit-Rate (UBR) for each channel, and a minimum bit rate.

9.20.2.6 Qwest will provision CLEC specified options as available for each virtual channel in its OSS.

9.20.2.7 Qwest shall provide CLEC with Packet Network Management capacity through its service order activities. CLEC shall have access to Qwest's Packet Network Management Systems if, and only if, such Packet Network Management System capacity can be partitioned and made available to CLEC.

9.20.2.8 CLEC shall provide the customer premises modem. Customer premises

equipment including modem and filters must be compatible with specific DSLAM equipment deployed by Qwest.

### **9.20.3 Rate Elements**

9.20.3.1 Unbundled Packet Switch Customer Channel – This rate element consists of two (2) rate sub elements: DSLAM functionality and virtual transport.

9.20.3.1.1 DSLAM - –Both a non-recurring rate and a recurring rate shall apply. Rates will vary depending on the following factors: (a) Uncommitted Bit Rate or, (b) Committed Bit Rate at 256 Kbps, 512 Kbps, 768 Kbps, 1 Mbps, or 7 Mbps.

9.20.3.1.2 Virtual Transport – This includes virtual Loop transport from the DSLAM to the Qwest Wire Center and virtual interoffice transport from the Wire Center serving the end user customer to the Wire Center containing the packet switch. Both a non-recurring rate and a recurring rate shall apply. If CLEC provisions its own transport, then this rate element shall not apply.

9.20.3.2 Unbundled Packet Switch Loop Capability – This element includes Loop facilities between the remote DSLAM and the end user customer premises and will vary depending on the type of Loop elements, which may be either a Dedicated Loop or Shared Loop. If CLEC provisions its own transport from the end user customer to the DSLAM, this rate element shall not apply.

9.20.3.3 Unbundled Packet Switch Interface Port - CLEC obtains the Unbundled Packet Switch Interface Port currently contained within Qwest's network. This Port may be a DS1 or DS3 Port on a packet switch allowing virtual channels to be connected and transmitted to CLEC network.

### **9.20.4 Ordering Process**

9.20.4.1 Prior to placing an order for unbundled packet switching CLEC must have provided Qwest a Collocation application, Collocation space availability report pursuant to Section 8.2.1.9, or a Collocation forecast to place a DSLAM in a Qwest Remote Premises containing a Qwest DSLAM and been denied such access.

9.20.4.2 Prior to placing an order for Unbundled Packet Switch Customer Channel, CLEC must have established or be in the process of establishing continuity between CLEC network and an Unbundled Packet Switch Interface Port.

9.20.4.3 To order unbundled packet switching, CLEC will place two (2) orders via an LSR, which orders will be provisioned according to the intervals set forth in Exhibit C once the continuity as set forth in the preceding section is established.

9.20.4.3.1 Network Interface Order to establish connectivity between CLEC network and Qwest Unbundled Packet Switch Interface Port: CLEC must specify bandwidth requirement of DS1 or DS3. Qwest will combine transport UNE to Unbundled Packet Switch Interface Port.

9.20.4.3.2 Customer channel order to establish linkage between end user

customer equipment and Qwest's packet network: CLEC must specify remote DSLAM address, end user customer address, quality of service requested, and bit-rate requested.

## **9.20.5 Maintenance and Repair**

Maintenance and Repair of unbundled Packet Switching are the sole responsibility of Qwest. Maintenance and Repair processes are contained in Section 12.

## **9.21 UNE-P Line Splitting**

### **9.21.1 Description**

Line Splitting provides CLEC/DLEC with the opportunity to offer advanced data service simultaneously with an existing UNE-P 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 or another data service provider chosen by the customer of record. A POTS splitter must be inserted into the UNE-P to accommodate establishment of the advanced data service. The POTS 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. "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. Only one (1) customer of record determined by the CLEC/DLEC partnership will be identified to Qwest.

### **9.21.2 Terms and Conditions**

#### **9.21.2.1 General**

9.21.2.1.1 The customer of record will order the insertion of a POTS splitter. Qwest is not responsible for providing the splitter, filter(s) and/or other equipment necessary for the end user 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 POTS splitter installed in the Qwest Wire Center that serves the end user. The POTS 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 UNE-P POTS 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 UNE-P.

9.21.2.1.5 The customer of record will be able to request conditioning of the Unbundled Loop portion of the UNE-P. 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 of the UNE-P 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 POTS 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, POTS 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 UNE-P Line Splitting, Qwest shall use the same number of cross connections and the same length of the tie pairs as it uses for Line Sharing.

9.21.2.1.7 Reserved for Future Use

9.21.2.1.8 POTS splitter Collocation requirements are covered in the Shared Loop Section of this Agreement.

### **9.21.3 Rate Elements**

The following UNE-P Line Splitting rate elements are contained in Exhibit A of this Agreement.

#### **9.21.3.1 Recurring Rates for UNE-P Line Splitting.**

9.21.3.1.1 Interconnection TIE Pairs (ITP). A monthly recurring charge to recover the costs associated with the use of 2 ITPs, one for voice and one 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 UNE-P Loop.

#### **9.21.3.2 Non-Recurring Rates for the UNE-P Line Splitting**

9.21.3.2.1 Basic Installation Charge for UNE-P Line Splitting – A non-recurring charge for each UNE-P Line Splitting installed will apply.

9.21.3.2.2 Charge for conditioning Loop associated with UNE-P – A non-recurring 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 on the UNE-P.

#### **9.21.3.3 Non-Recurring Rates for Maintenance and Repair**

9.21.3.3.1 Trouble Isolation Charge – A non-recurring charge for Trouble isolation will be applied in accordance with the Support Functions – 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 non-recurring charge will apply in accordance with Exhibit A.

#### **9.21.3.4 Rates for POTS 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 UNE-P 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 Support Functions Section. The customer of record will determine, in its sole discretion and at its risk, whether to add data services to any specific UNE-P associated Loop.

9.21.4.1.2 The customer of record will provide on the LSR, the appropriate frame terminations that are dedicated to POTS splitters. Qwest will administer all cross connects/jumpers on the COSMIC/MDF and IDF.

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 UNE-P Line Splitting until all work necessary to provision UNE-P Line Splitting in a given Qwest Wire Center, including, but not limited to, POTS splitter installation and TIE Cable reclassification or augmentation has been completed.

9.21.4.1.5 If a Line Splitting LSR is placed to change from Line Sharing to UNE-P Line Splitting or to change the voice provider in a UNE-P Line Splitting arrangement and the data provider does not change or move splitter location, the data service will not be interrupted.

9.21.4.1.6 The customer of record shall submit the appropriate LSR's associated with establishing UNE-P and Line Splitting.

## **9.21.5 Billing**

9.21.5.1 Qwest shall provide a bill to the customer of record, 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 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 non-recurring Line Splitting rate elements.

## **9.21.6 Repair and Maintenance**

9.21.6.1 Qwest will allow CLEC/DLEC to access UNE-P Line Splitting at the point where the combined voice and data Loop is cross-connected to the POTS splitter.

9.21.6.2 The customer of record will be responsible for reporting to Qwest voice service troubles provided over UNE-P Line Splitting. Qwest will be responsible to repair troubles on the physical line between network interface devices at the user premises and the point of demarcation in Qwest Wire Centers. CLEC/DLEC will be responsible for repairing data services provided on UNE-P Line Splitting. Qwest, CLEC and DLEC each will be responsible for maintaining its equipment. The entity that controls the POTS splitters will be responsible for their maintenance.

9.21.6.3 Qwest, CLEC and DLEC will continue to develop repair and maintenance procedures for UNE-P Line Splitting and agree to document final agreed to procedures in a methods and procedures document that will be made available on Qwest's website: <http://www.qwest.com/wholesale/products/services/pcat/index.html>. In the interim, Qwest and CLEC/DLEC agree that the following general principles will guide the repair and maintenance process for UNE-P Line Splitting.

9.21.6.3.1 If an end user complains of a voice service problem that may be related to the use of an UNE-P for data services, Qwest and CLEC/DLEC will work together with the end user to solve the problem to the satisfaction of the end user. Qwest will not disconnect the data service without authorization from the customer of record.

9.21.6.3.2 CLEC and DLEC are responsible for their respective end user base. CLEC/DLEC will have the responsibility for initiation and resolution of any service trouble report(s) initiated by their respective end users.

9.21.6.3.3 Qwest will test for electrical faults (e.g. opens, and/or foreign voltage) on UNE-P Line Splitting in response to trouble tickets initiated by CLEC. 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 customer of record the TIC Charge.

9.21.6.3.4 When trouble reported by the customer of record 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 the customer of record on a case-by-case basis. The customer of record 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 the customer of record 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, the

customer of record 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/DLEC is responsible, Qwest will assess the appropriate miscellaneous charge to the customer of record.

9.21.6.4 When POTS 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 POTS splitters. CLEC/DLEC will leave one 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 POTS 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 UNE-P 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 initiated repair requests and to prevent adverse impacts to the end user.

## **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 that is the billed customer 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.

## **9.22 Reserved for Future Use**

## **9.23 Unbundled Network Elements Combinations (UNE 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 the UNE-Platform (UNE-P) and Enhanced Extended Loop (EEL), 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 to 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 combination(s) 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 unbundled 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

9.23.1.2.2 In addition to the UNE combinations provided by Qwest to CLEC hereunder, Qwest shall permit CLEC to combine any UNE provided by Qwest with another UNE provided by Qwest or with compatible network components provided by CLEC or provided by third parties to CLEC in order to Telecommunications Services. UNE Combinations will not be directly connected to a Qwest Finished Service, whether found in a Tariff or otherwise, without going through a Collocation, unless otherwise agreed to by the Parties. Notwithstanding the foregoing, CLEC can connect its UNE Combination to Qwest's Directory Assistance and Operator Services platforms.

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.

## **9.23.2 Description**

UNE Combinations are available in, but not limited to, the following standard products: a) UNE-P in the following form: (i) 1FR/1FB Plain Old Telephone Service (POTS), (ii) ISDN – either Basic Rate or Primary Rate, (iii) Digital Switched Service (DSS), (iv) PBX Trunks, and (v) Centrex; b) 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 CLEC's Interconnection agreement, provided that all UNEs making up the UNE Combination are contained in CLEC's Interconnection 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 CLEC questionnaire 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.

9.23.3.2 "UNE-P-POTS": 1FR/1FB lines are available to CLEC as a UNE Combination. UNE-P POTS is comprised of the following Unbundled Network Elements: Analog - 2 wire voice grade Loop, Analog Line Side Port and Shared Transport. All the vertical switch features that are technically feasible for POTS are available with UNE-P-POTS. For complete descriptions please refer to the appropriate Unbundled Network

Elements in this Agreement.

9.23.3.3 “UNE-P-PBX”: PBX Trunks are available to CLEC as a UNE Combination. There are two (2) types of UNE-P-PBX: Analog Trunks and Direct Inward Dialing (DID) Trunks. UNE-P-PBX is comprised of the following Unbundled Network Elements: 2/4 Wire Analog Loop, Analog/DID Trunks, and Shared Transport. All the vertical switch features that are technically feasible for Analog and DID PBX Trunks are available with UNE-P-PBX. For complete descriptions please refer to the appropriate Unbundled Network Elements in this Agreement.

9.23.3.4 “UNE-P-DSS”: Digital Switched Service (DSS) is available to CLEC as a UNE Combination. UNE-P-DSS is comprised of the following Unbundled Network Elements: DS1 Capable Loop, Digital Line-Side Port and Shared Transport. All the vertical switch features that are technically feasible for Digital Switched Service are available with UNE-P-DSS. For complete descriptions please refer to the appropriate Unbundled Network Elements in this Agreement.

9.23.3.5 “UNE-P-ISDN”: ISDN lines are available to CLEC as a UNE Combination. All the vertical switch features that are technically feasible for ISDN are available with UNE-P-ISDN. There are two types of UNE-P-ISDN:

- a) Basic rate (UNE-P-ISDN-BRI) is comprised of the following Unbundled Network Elements: Basic ISDN Capable Loop, BRI Line Side Port and Shared Transport; and
- b) Primary rate (UNE-P-ISDN-PRI) – UNE-P-ISDN-PRI is comprised of the following Unbundled Network Elements: Basic ISDN Capable Loop, Digital Line Side Port and Shared Transport.

For complete descriptions please refer to the appropriate Unbundled Network Elements in this Agreement.

9.23.3.6 UNE-P-Centrex: – Centrex Service is available to CLEC as a UNE Combination. Centrex is comprised of the following Unbundled Network Elements: Analog - 2 wire voice grade Loop, Analog Line Side Port, and Shared Transport. All the vertical switch features that are technically feasible for Centrex service are available with UNE-P-Centrex.

9.23.3.6.1 CLEC may also request a service change from Centrex 21, Centrex Plus or Centron service to UNE-P-POTS. The UNE-P-POTS line will contain the UNEs established in Section 9.23.3.2 of this Agreement.

9.23.3.6.2 Qwest will provide access to Customer Management System (CMS) with UNE-P-Centrex.

9.23.3.7 Enhanced Extended Loop (EEL) -- EEL is a combination of Loop and dedicated interoffice transport and may also include multiplexing or concentration capabilities. EEL transport and Loop facilities may utilize DS0 through OC-192 or other existing bandwidths. DS0, DS1 and DS3 bandwidths are defined products. In addition, other existing bandwidths can be ordered through the Special Request Process set forth in Exhibit F. Qwest has two EEL options: “EEL-Conversion” (EEL-C) and “EEL-

Provision" (EEL-P).

9.23.3.7.1 Unless CLEC is specifically granted a waiver from the FCC which provides otherwise, and the terms and conditions of the FCC waiver apply to CLEC's request for a particular EEL, CLEC cannot utilize combinations of Unbundled Network Elements that include Unbundled Loop and unbundled interoffice dedicated transport to create a UNE Combination unless CLEC establishes to Qwest that it is using the combination of network elements to provide a significant amount of local exchange traffic to a particular end user customer. The significant amount of local use requirement does not apply to combinations of Loop and multiplexing when the high side of the multiplexer is connected via an ITP to CLEC Collocation.

9.23.3.7.2 To establish that an EEL is carrying a "Significant Amount of Local Exchange Traffic," one of the following three (3) local service options must exist:

9.23.3.7.2.1 Option 1: CLEC must certify to Qwest that it is the exclusive provider of an end user customer's local Exchange Service and that the Loop transport combination originates at a customer's premises and that it terminates at CLEC's Collocation arrangement in at least one Qwest central office. This condition, or option, does not allow Loop-transport combinations to be connected to Qwest's Tariffed services.

9.23.3.7.2.2 Option 2: CLEC must certify that it provides local exchange and exchange access service to the end user customer's premises and handles at least one-third (1/3) of the end user customer's local traffic measured as a percent of total end user customer local dial tone lines; and for DS1 level circuits and above, at least fifty percent (50%) of the activated channels on the Loop portion of the Loop and transport combination have at least five percent (5%) local voice traffic individually; and the entire Loop facility has at least ten percent (10%) local voice traffic; and the Loop/transport combination originates at a customer's premises and terminates at CLEC's Collocation arrangement in at least one Qwest central office; and if a Loop/transport combination includes multiplexing, each of the multiplexed facilities must meet the above criteria outlined in this paragraph. (For example, if DS1 Loops are multiplexed onto DS3 transport, each of the individual DS1 facilities must meet the criteria outlined in this paragraph in order for the DS1/DS3 Loop/transport combination to qualify for UNE treatment). This condition, or option, does not allow Loop-transport combinations to be connected to Qwest's Tariffed services.

9.23.3.7.2.3 Option 3: CLEC must certify that at least fifty percent (50%) of the activated channels on a circuit are used to provide originating and terminating local dial tone service and at least fifty percent (50%) of the traffic on each of these local dial tone channels is local voice traffic; and the entire Loop facility has at least thirty-three percent (33%) local voice traffic; and if a Loop/transport combination includes multiplexing, each of the multiplexed facilities must meet the above criteria. For example, if DS1 Loops are multiplexed onto DS3 transport, each of the individual DS1 facilities must meet the criteria as outlined in



this paragraph in order for the DS1/DS3 Loop/transport combination to qualify for UNE treatment. This condition, or option, does not allow Loop-transport combinations to be connected to Qwest's Tariffed services. Under this option, Collocation is not required. Under this option, CLEC does not need to provide a defined portion of the end user customer's local service, but the active channels on any Loop-transport combinations, and the entire facility, must carry the amount of local exchange traffic specified in this option.

9.23.3.7.2.4 When CLEC certifies to Qwest through a certification letter, or other mutually agreed upon solution, that the combination of elements is carrying a "Significant Amount of Local Exchange" Traffic, then Qwest will provision the EEL or convert the Special Access circuit to an EEL-C. For each EEL or Special Access circuit, CLEC shall indicate in the certification letter under which local usage option, set forth in paragraph 9.23.3.7.2.1, 9.23.3.7.2.2 or 9.23.3.3.7.2.3, it seeks to qualify the circuit.

9.23.3.7.2.5 CLEC's local service certification shall remain valid only so long as CLEC continues to satisfy one (1) of the three (3) options set forth in Section 9.23.3.7.2 of this Agreement. CLEC must provide a service order converting the EEL to Private Line/Special Access Circuit to Qwest within thirty (30) days if CLEC's certification on a given circuit is no longer valid.

9.23.3.7.2.6 In order to confirm reasonable compliance with these requirements, Qwest may perform audits of CLEC's records according to the following guidelines:

- a) Qwest may, upon thirty (30) days written notice to a CLEC that has purchased Loop/transport combinations as UNEs, conduct an audit to ascertain whether those Loop/transport combinations were eligible for UNE treatment at the time of conversion and on an ongoing basis thereafter.
- b) CLEC shall make reasonable efforts to cooperate with any audit by Qwest and shall provide Qwest with relevant records (e.g., network and circuit configuration data, local telephone numbers) which demonstrate that CLEC's Unbundled Loop transport combination is configured to provide local Exchange Service in accordance with its certification.
- c) An independent auditor hired and paid for by Qwest shall perform any audits, provided, however, that if an audit reveals that CLEC's EEL circuit(s) do not meet or have not met the certification requirements, then CLEC shall reimburse Qwest for the cost of the audit.
- d) An audit shall be performed using industry audit standards during normal business hours, unless there is a mutual agreement otherwise.

e) Qwest shall not exercise its audit rights with respect to a particular CLEC (excluding affiliates), more than once in any calendar year, unless an audit finds non-compliance. If an audit does find non-compliance, Qwest shall not exercise its audit rights for 60 days following that audit, and if any subsequent audit does not find non-compliance, then Qwest shall not exercise its audit rights for the remainder of the calendar year.

f) At the same time that Qwest provides notice of an audit to CLEC under this paragraph, Qwest shall send a copy of the notice to the Federal Communications Commission.

g) Audits conducted by Qwest for the purpose of determining compliance with certification criteria shall not effect or in any way limit any audit rights that Qwest may have pursuant to an Interconnection agreement between CLEC and Qwest.

h) Qwest shall not use any other audit rights it may have pursuant to an Interconnection agreement between CLEC and Qwest to audit for compliance with the local exchange traffic requirements of Section 9.23.3.7.2. Qwest shall not require an audit as a prior prerequisite to provisioning EELs.

i) CLEC shall maintain appropriate records to support its certification. However, CLEC has no obligation to keep any records that it does not keep in the ordinary course of its business.

9.23.3.7.2.7 Qwest will not provision EEL or convert Private Line/Special Access to an EEL if Qwest records indicate that the Private Line/Special Access is or the EEL will be connected directly to a Tariffed service or if, in options 1 and 2 above, the EEL would not terminate at CLEC's Collocation arrangement in at least one Qwest central office.

9.23.3.7.2.8 If an audit demonstrates that an EEL does not meet the local use requirements of Section 9.23.3.7.2 on average for two (2) consecutive months for which data is available, then the EEL shall be converted to special access or private line rates within thirty (30) days.

9.23.3.7.2.9 If CLEC learns for any reason that an EEL does not meet the local use requirements of Section 9.23.3.7.2, then the EEL shall be converted to special access or private line rates within thirty 30 days. CLEC has no ongoing duty to monitor EELs to verify that they continue to satisfy the local use requirements of Section 9.23.3.7.2, except that if any service order activity occurs relating to an EEL, then CLEC must verify that the EEL continues to satisfy the local use requirements of Section 9.23.3.7.2. Any disputes regarding whether an EEL meets the local use requirements shall be handled pursuant to the dispute resolution provisions of this SGAT. While a dispute is pending resolution, the status quo will be maintained and the EEL will not be converted to special access or private line rates.

9.23.3.7.2.10 No private line or other Unbundled Loop shall be available for conversion into an EEL or be combined with other elements to create an EEL if it utilizes shared use billing, commonly referred to as ratcheting. Any change to a private line or other Unbundled Loop including changes to eliminate shared use billing for any or all circuits, prior to conversion of those circuits to EEL shall be conducted pursuant to the processes, procedures, and terms pursuant to which such private line or Loop was provisioned. Any appropriate charges from such processes, procedures, and terms shall apply (sometimes referred to as "grooming charges").

9.23.3.7.2.11 EEL-C is the conversion of an existing Private Line/Special Access service to a combination of Loop and transport UNEs. Retail and/or resale private line circuits (including multiplexing and concentration) may be converted to EEL-C if the conversion is technically feasible and they meet the terms of this Section 9.23.3.-7. Qwest will make EEL-Conversion Combinations available to CLEC upon request. Qwest will provide CLEC with access to EEL-Conversion Combinations according to the standard intervals set forth in Exhibit C.

9.23.3.7.2.11.1 CLEC must utilize EEL-C to provide a significant amount of Local Exchange Service in accordance with the three options listed under Section 9.23.3.7.2.

9.23.3.7.2.12 EEL-P – EEL-P is a combination of Loop and dedicated interoffice transport used for the purpose of connecting an end user customer to a CLEC switch. EEL-P is 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

9.23.3.7.2.12.2 CLEC must utilize EEL-P to provide a significant amount of local Exchange Service to each end user customer served in accordance with the three options listed under Section 9.23.3.7.2.

9.23.3.7.2.12.3 One end of the interoffice facility must originate at a CLEC Collocation in a Wire Center other than the Serving Wire Center of the Loop.

9.23.3.7.2.12.4 EEL combinations may consist of Loops and interoffice transport of the same bandwidth (Point-to-Point EEL). When multiplexing is requested, EEL may consist of Loops and interoffice transport of different bandwidths (Multiplexed EEL). CLEC may also order combinations of interoffice transport, concentration capability and DS0 Loops.

9.23.3.7.2.12.5 When concentration capability is requested, CLEC will purchase the appropriate concentration equipment and provide it to Qwest for installation in the Wire Center.

9.23.3.7.2.12.6 Installation intervals are set forth in Exhibit C and are equivalent to the respective Private Line Transport Service on the following web-site address: <http://www.qwest.com/carrier/guides/sig/index.html>.

9.23.3.7.2.12.7 Concentration capability installation intervals will be offered at an ICB.

9.23.3.7.2.12.8 EEL-P is available only where existing facilities are available.

#### 9.23.3.8 Ordering

9.23.3.8.1 Reserved for Future Use

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 Link LSR order and apply the charges.

9.23.3.8.4 Requests for Concentration will be submitted using the Virtual Collocation process. Virtual Collocation intervals will be adhered to.

9.23.3.8.5 One LSR is required when CLEC orders Point-to-Point EEL, Multiplexed EEL, EEL Transport and EEL Links must be ordered on separate LSRs.

#### 9.23.3.9 Rate Elements

9.23.3.9.1 EEL Link. The EEL Link is the Loop connection between the end user customer premises and the Serving Wire Center. EEL Link is available in DS0, DS1 and DS3 and higher bandwidths as they become available. Recurring and non-recurring 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, DS1, DS3, OC3, OC12 and higher bandwidths as they become available. Recurring and non-recurring charges apply.

9.23.3.9.3 EEL Multiplexing. EEL multiplexing is offered in DS3 to DS1 and DS1 to DS0 configurations. All other multiplexing arrangements will be ICB. EEL multiplexing is ordered with EEL Transport. Recurring and non-recurring charges apply.

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 Link connected to a 1/0 EEL Multiplexer. Channel Cards are available for analog Loop Start, Ground Start, Reverse Battery and No Signaling.

9.23.3.9.5 Concentration Capability. Concentration Capability rates will be provided as an ICB. Cost recovery includes, but is not limited to, space

preparation and space lease, equipment installation, cabling and associated terminations and structure installation, personnel training (if required) and delivery of required power. Recurring and non-recurring charges apply.

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.

9.23.3.11 The following terms and conditions are available for all types of UNE-P:

9.23.3.11.1 UNE-P will include the capability to access long distance service (InterLATA and IntraLATA) of CLEC's customer's choice on a 2-PIC basis, access to 911 emergency services, capability to access CLEC's Operator Services platform, capability to access CLEC's Directory Assistance platform and Qwest customized routing service; and, if desired by CLEC, access to Qwest Operator Services and Directory Assistance Service.

9.23.3.11.2 If Qwest provides and CLEC accepts operator services, directory assistance, and IntraLATA long distance as a part of the basic exchange line, it will be offered with standard Qwest branding. CLEC is not permitted to alter the branding of these services in any manner when the services are a part of the UNE-P line without the prior written approval of Qwest. However, at the request of CLEC and where technically feasible, Qwest will rebrand operator services and directory assistance in CLEC's name, in CLEC's choice of name, or in no name in accordance with terms and conditions set forth in this Agreement.

9.23.3.11.3 CLEC may order Customized Routing in conjunction with UNE-P for alternative operator service and/or directory assistance platforms. CLEC shall be responsible to combine UNE-P with all components and requirements associated with Customized Routing needed to utilize related functionality. For a complete description of Customized Routing, refer to that Section of this Agreement.

9.23.3.11.4 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 end user customer information. Qwest shall provide CLEC's end user customer information to the ALI/DMS (Automatic Location Identification/Database Management System). Qwest shall use its standard process to update and maintain, on the same schedule that it uses for its end user customers, CLEC's end user customer service information in the ALI/DMS used to support E911/911 services. Qwest assumes no liability for the accuracy of information provided by CLEC.

9.23.3.11.5 CLEC shall designate the Primary Interexchange Carrier (PIC) assignments on behalf of its end user customers for InterLATA and IntraLATA services. CLEC shall follow all applicable laws, rules and regulations with

respect to PIC changes and Qwest shall disclaim any liability for CLEC's improper PIC change requests.

9.23.3.11.6 Feature and InterLATA or IntraLATA PIC changes or additions for UNE-P, will be processed concurrently with the UNE-P order as specified by CLEC.

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. For conversions of existing resale services to UNE-P Combinations, CLEC will be billed at the UNE-P rate, and billing at the resold rate will cease, on the due date scheduled for the conversion, so long as the due date of the conversion was a standard or longer interval, unless CLEC has caused or requested a delay of the conversion.

9.23.3.14 Reserved for Future Use

9.23.3.15 When end user customers switch from Qwest to CLEC, or to CLEC from any other competitor and is obtaining service through a UNE Combination, such end user customers shall be permitted to retain their current telephone numbers if they so desire.

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.

9.23.3.17 CLEC, or CLEC's agent, shall act as the single point of contact for its end user customers' service needs, including without limitation, sales, service design, order taking, provisioning, change orders, training, maintenance, trouble reports, repair, post-sale servicing, billing, collection and inquiry. CLEC shall inform its end user customers that they are end user customers of CLEC. CLEC's end user customers contacting Qwest will be instructed to contact CLEC, and Qwest's end user customers contacting CLEC will be instructed to contact Qwest. In responding to calls, neither Party shall make disparaging remarks about each other. To the extent the correct provider can be determined, misdirected calls received by either Party will be referred to the proper provider of local Exchange Service; however, nothing in this Agreement shall be deemed to prohibit Qwest or CLEC from discussing its products and services with CLEC's or Qwest's end user customers who call the other Party.

9.23.3.18 Reserved for Future Use

#### **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 non-recurring 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. The recurring monthly charges for each UNE, including but not limited to, Unbundled 2-wire Analog Loop, Analog Line Side Port and Shared Transport, are contained in Exhibit A.

9.23.4.1.2 Non-recurring charges, if any, will apply based upon the cost to Qwest of provisioning the UNE Combination and providing access to the UNE Combination. These non-recurring 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 CLEC shall pay Qwest the PIC change charge associated with CLEC end user customer changes of InterLATA or IntraLATA carriers. Any change in CLEC's end user customers' InterLATA or IntraLATA carrier must be requested by CLEC on behalf of its end user customer.

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:

9.23.5.1.1 Reserved for Future Use

9.23.5.1.2 Reserved for Future Use

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 2-3 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 ASR made through the IMA, EDI or Exact interfaces or through facsimile. For UNE-P-POTS, UNE-P-Centrex, and UNE-P-ISDN-BRI, 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 7:00 p.m. For UNE-P-POTS, UNE-P-Centrex, and UNE-P-ISDN-BRI, the service interval will begin on the next business day for service requests received on a non-business day or after 7:00 p.m. on a business day. For UNE-P-DSS, UNE-P-ISDN-PRI, UNE-P-PBX, 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 UNE-P-DSS, UNE-P-ISDN-PRI, UNE-P-PBX, 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 (4<sup>th</sup> 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 listings information are contained in the Listings and E911/911 Emergency Services sections of this Agreement. Nevertheless, to the extent that the option is available to CLEC to specify that the end user customer's existing listing(s) be retained upon conversion to Unbundled Local Switching elements or UNE-P Combinations, Qwest shall be responsible for ensuring that the end user customer's listing(s) is retained "as is" in Qwest's listings data bases.

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 local 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 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 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 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 or another data service provider chosen by the customer of record. The POTS 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. "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. Only one (1) customer of record determined by the CLEC/DLEC partnership will be identified to Qwest.

9.24.1.1 With regard to Qwest current requirement that Loop Splitting be offered over an existing Unbundled Loop, Qwest acknowledges that there are ongoing industry discussions regarding the provisioning of Loop Splitting over a new Unbundled Loop. If as a result of those discussions, a process is developed for Loop Splitting over a new Loop, Qwest will amend its SGAT to eliminate the limitation of Loop Splitting to existing Unbundled Loops.

### **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 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 POTS splitter installed in the Qwest Wire Center that serves the end user. The POTS 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 POTS 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, POTS 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 POTS 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 Non-Recurring Rates for the Loop Splitting

9.24.3.2.1 Basic Installation Charge for Loop Splitting – A non-recurring charge for Loop Splitting installed will apply.

#### 9.24.3.3 Non-Recurring Rates for Maintenance and Repair

9.24.3.3.1 Trouble Isolation Charge – A non-recurring charge for Trouble isolation will be applied in accordance with the Support Functions – 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 non-recurring charge will apply in accordance with Exhibit A.

9.24.3.4 Rates for POTS 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 Support Functions 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 POTS 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, POTS splitter installation and TIE Cable reclassification or augmentation has been completed.

9.24.4.1.5 The customer of record shall submit the appropriate LSR's associated with establishing Unbundled Loop and Loop Splitting.

9.24.4.1.6 If a Loop Splitting LSR is placed to change from Line Sharing to Loop Splitting or to change the voice provider in an existing Loop Splitting arrangement and the data provider does not change or move splitter location, the data service will not be interrupted.

#### **9.24.5 Billing**

9.24.5.1 Qwest shall provide a bill to the customer of record, 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.

9.24.5.2 Qwest shall bill the customer of record for all recurring and non-recurring 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 POTS 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 user 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 POTS 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 website.

#### **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 CLEC that is the billed customer 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 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 person to access the records of the customer of record unless such access and security devices through the customer of record were wrongfully obtained by such person through the willful or negligent behavior of Qwest.

## 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 users, or their property as it employs to protect its own personnel, end users 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 users 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 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 ~~Qwest Parties'~~ telecommunications ~~network is~~ networks are part of the national security network, and as such, ~~is~~ 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. ~~CLEC is~~ The Parties are responsible for covering ~~its~~ 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.

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 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-U S WEST-SECURE. In cases of emergency, CLEC shall call 911 and 1-888-U S WEST-SECURE.

11.14 CLEC employees, agents and vendors will display the identification/access card above the waist and visible at all times.

11.15 ~~CLEC employees will~~Qwest and CLEC shall ensure adherence by ~~its~~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 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 ~~CLEC's~~Qwest and CLEC employees, agents and vendors ~~will~~shall comply with Qwest ~~central office~~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, ~~and all~~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 ~~will~~may result in ~~immediate~~ denial of access for that individual and ~~will~~may constitute a violation of the access rules, subjecting CLEC to denial of unescorted access. Qwest shall provide written notice within five (5) calendar days of the hazardous CLEC work activity to CLEC prior to denial of access and such notice shall include: 1) identification of the hazardous work activity, 2) identification of the safety regulation violated, and 3) date and location of safety violation. CLEC will have five (5) calendar days to remedy

any safety violation for which it has received notice from Qwest. In the event that CLEC fails to remedy any such safety 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 SGAT, 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.

11.23 Qwest employees may request CLEC's employee, agent or vendor to stop any work activity that in their reasonable judgment is a jeopardy to personal safety or poses a potential for damage to the building, equipment ~~or~~ services within the facility until the situation is remedied. Qwest shall provide immediate notice of the non-compliant work activity to CLEC 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. Within five (5) calendar days after such notice Qwest shall provide CLEC written notification of remedy for safety violations such non-compliant work activity. If such safety violations non-compliant work activities pose an immediate threat to the safety of Qwest employees, interference with the performance of Qwest's service obligations, or pose an immediate threat to the physical integrity of Qwest's facilities, Qwest may perform such work and/or take action as is necessary to correct the condition at CLEC's expense. 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. If CLEC fails to correct any safety non-compliance 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 CLEC fails to take all appropriate steps to correct as soon as reasonably possible, Qwest 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~~ 11.25 CLECs employees, agents or vendors outside the designated CLEC access area, or without proper identification ~~will~~ may be asked to vacate the premises and Qwest ~~Security~~ security will 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 7 days a week, 24 hours a day.

11.31 Qwest and CLEC employees, agents and vendors will notify Qwest Service Assurance (800-713-3666) ~~when prior to~~ gaining access into a ~~central office after hours~~ 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, 900 and 976 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.

11.35 Law Enforcement Interface. Qwest provides emergency assistance to 911 centers and law enforcement agencies seven days a week/twenty-four 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 part of an Unbundled Local Switching 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 24 hour a day, 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 Systems (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, such as the "Interconnect Mediated Access User's Guide." Qwest will continue to make improvements to the electronic interfaces as technology evolves, providing Qwest's legacy systems improve, or CLEC needs require. Qwest shall provide notification to CLEC consistent with the provisions of this Section the Co-Provider Industry Change Management Process (CICMP) 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 for resale and Unbundled Network Elements. 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 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 website, 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 standards 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 standards/guidelines 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 ~~Reserved for Future Use 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 users. 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 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 ILoops.

12.2.1.4.9 A list of 1-5 individual meet points or a range of meet points for shared Loops.

~~This section has been moved to 12.2.1.912.2.1.4. 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.~~

~~12.2.1.4.9.2 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 website.~~

~~12.2.1.4.9.3 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.~~

~~12.2.1.4.9.3.1 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.~~

~~12.2.1.4.9.3.2 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.~~

~~12.2.1.4.2.3.3 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.~~

~~12.2.1.4.2.3.4 Business rules regarding rejection of LSRs or ASRs are subject to the provisions of Section 12.2.6.~~

## 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, SecurIDs for use by CLEC customer service representatives at a single CLEC location CLEC shall use a T1 line instead of dial-up capabilities 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 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 CICMP 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 website.

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.

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.

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 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.

12.2.1.9.8 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 website.

12.2.1.9.9 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.

12.2.1.9.10 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.

12.2.1.9.11 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.

12.2.1.9.12 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.

12.2.1.10 Business rules regarding rejection of LSRs or ASRs are subject to the provisions of Section 12.2.6.

## **12.2.2 Maintenance and Repair**

12.2.2.1 Qwest shall provide electronic interface gateways ~~for reporting trouble,~~ including an electronic bonding interface and a GUI interface, ~~to facilitate~~ for reviewing a customer's trouble history at a specific location, conducting testing of a 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~~. 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.

12.2.2.2 Reserved for Future Use

12.2.2.3 Reserved for Future Use

12.2.2.4 Reserved for Future Use

12.2.2.5 Reserved for Future Use

### 12.2.3 Interface Availability

12.2.3.1 Qwest shall make ~~the-its~~ OSS interfaces available to CLECs during the hours listed in the Gateway Availability PIDs in Section 20.

12.2.3.2 Qwest shall notify CLECs in a timely manner regarding system downtime through mass email distribution and pop-up windows in the IMA GUI.

12.2.3.3 Reserved for Future Use

### 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 Alliance for Telecommunication Industry Solution (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 the following list of products:

- a) Resale; and
- b) Unbundled Switch Port.

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 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 the following list of products:

- a) Interim Number Portability;
- b) Resale;
- c) Unbundled Loop; ~~and~~
- d) Unbundled Line-side Switch ~~Port~~.Port; and
- e) UNE-P for POTS.

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 the following list of products:

- a) Interim Number Portability;
- b) Resale;
- c) Unbundled Loop; ~~and~~
- d) Unbundled Line-side ~~Switch~~.Switch; and
- e) UNE-P for POTS.

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.

~~The Qwest will post the~~ transmission method/media types available for these mechanized records ~~are available the PCAT located at~~ [http://www.qwest.com/carrier/guides/resource\\_guides.html](http://www.qwest.com/carrier/guides/resource_guides.html).~~on its website.~~

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;~~ and 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 Co-Provider Industry Change Management Process (CICMP), that is consistent with industry guidelines, standards and practices. Qwest and CLEC shall participate in discussions of OSS development in ~~the Qwest Co-Provider Industry Change Management Process (CICMP), (CICMP), as set forth in Exhibit G.~~ The CICMP shall: (i) provide a forum for CLEC and Qwest to discuss CLEC and Qwest change requests (CR), release notifications (RN), systems release life cycles, and communications; (ii) provide a forum for CLECs as an industry to discuss and prioritize ~~their~~CLEC-initiated and Qwest-initiated CRs; (iii) develop a mechanism to track and monitor ~~CLEC~~ CRs and ~~Qwest~~ RNs; and (iv) establish communication intervals where appropriate in the process. ~~After following the process set forth in Exhibit G, CLEC and Qwest may escalate issues pursuant to the CICMP escalation process set forth in Exhibit H. Escalations subject to the process of Exhibit H include issues related to the CICMP process itself, including the processes set forth in Exhibit G.~~ Qwest will inform CLECs through the CICMP of all planned changes to Qwest software, local interconnection products, business processes and ~~technical publications,~~Technical Publications, including additions, deletions, or changes which affect any document or information CLEC receives from Qwest or any document or information Qwest sends ~~CLEC to allow CLEC to transact business. CLEC.~~ Qwest will seek CLEC input on the planned changes and will report such consideration in a timely manner. Through the CICMP, Qwest will give notice of the establishment of new OSS interfaces and the retirement of OSS interfaces. Qwest will maintain an escalation process so that CICMP issues can be escalated to a Qwest representative authorized to make a final decision.

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 based on regulatory obligations as dictated by the FCC or Commissions and, as time permits, the agreed upon changes requested by the CLEC Industry Change Management Process (CICMP). Qwest will provide to CLEC the features list for modifications to the interface. Specifications for interface modifications will be provided to CLEC three weeks prior to the release date.

## 12.2.7 CLEC Responsibilities for Implementation of OSS Interfaces

12.2.7.1 Before any CLEC implementation can begin, CLEC must completely and accurately answer the CLEC New Customer Questionnaire.

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

12.2.8 Qwest will support previous EDI releases for six (6) months after the next subsequent EDI release has been deployed. Qwest will use all reasonable efforts to provide sufficient support to ensure that issues that arise in migrating to the new release are handled in a timely manner.

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 CLECs demonstrate the ability to generate correct transactions for the new release. Qwest will provide the suite of tests for re-certification to CLEC with the issuance of the disclosure document.

12.2.8.4 ~~Reserved for Future Use~~ 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 ~~must work with Qwest~~ will take reasonable efforts to train CLEC personnel on the –GUI functions that CLEC will be using. ~~Qwest and CLEC shall concur on which GUI functions should be included in CLEC's training. Qwest and CLEC shall make reasonable efforts to schedule training in a timely fashion.~~

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 ~~calls~~. This test will establish the ability of the trading partners to send and receive EDI ~~datamessages~~ 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 ~~eC~~ Controlled pProduction ~~Certification Testing~~ 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 – ~~Qwest is developing a~~ Qwest's stand-alone testing environment ~~to~~ 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 Stand-Alone Testing Environment

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/AMA system edits successfully. Stand-Alone successfully for both new and existing releases. Stand-Alone Testing uses test account data. All stand-alone test 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 Stand-Alone test pre-order queries and orders are subjected to the same edits as production orders-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/AMA system edits successfully. Interoperability testing requires the use of account information valid in Qwest data-production systems. All interoperability pre-order queries and orders 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 orders-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 the 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 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 ~~is required to be certified. Certification is requires certification. Certification will be granted only for a specific release of the EDI.~~ for the specified release of the EDI interface. If a CLEC is certifying multiple products or services, CLEC has the option of certifying those products or services serially or in parallel if 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 Section 12.2.9.3.2, 12.2.9.3.3 and 12.2.9.3.4.

12.2.9.4.2 Intentionally Left Blank ~~For a new software release or upgrade, Qwest will provide CLEC the stand alone testing environment, as set forth in Section 12.2.9.3.2, prior to implementing that release or upgrade in the production environment.~~

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 a CLEC is certifying multiple products or services, CLEC has the option of certifying those products or services serially or in parallel, if technically feasible.

12.2.9.6 CLEC will contact the Qwest EDI Implementation Coordinator to initiate the migration process. 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 may not need to certify to every new EDI release, however, 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 their 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 product and one order activity type on a prior release two months after the implementation of the next release. Otherwise, CLEC will be required to move their 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 months after the next release implementation may continue certifying additional products and activities until two months prior to the retirement of the release. To be placed into production, the products/order activities must have been tested in the

interoperability environment before two 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.

12.2.9.8 Reserved for Future Use.

12.2.9.9 Reserved for Future Use

~~12.2.9.9 In the event of electronic interface trouble, CLEC shall use its best efforts to isolate and resolve the trouble using the guidelines. If CLEC cannot resolve the problem, then CLEC should contact the CLEC Systems Help Desk. The CLEC Systems Help Desk is CLEC's Single Point of Contact for electronic interface trouble.~~

12.2.9.10 CLEC will use all reasonable efforts and provide sufficient support and personnel to ensure that issues that arise in migrating to a new release of the IMA interface are handled in a timely manner.

## **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 ~~disel~~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 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 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: 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 CLECs 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 at <http://www.uswest.com/carrier/>. Qwest will provide an 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 On-going and one-time 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 ongoing or one-time 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 asubstantially the same time and manner ~~in substantially the same time and manner~~ as that which Qwest provides for ~~itself, 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 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 ~~its end users, 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 ~~its own end users.~~ 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 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 ~~Should Qwest need to use various forms for communication with CLEC end users (while out on premises dispatches on behalf of CLEC, for example), Qwest will use unbranded forms.~~

~~12.3.2.2 If required by CLEC, Qwest will use branded forms at CLEC's full expense, covering training costs, storage, printing, distribution and all other branding-related costs. 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~~ Impaired Party) shall promptly notify the Party causing the Impairment of Service (the ~~Impairing Party~~ 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 other interconnecting CLECs ~~and itself 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.

~~12.3.4.1 Pursuant to the applicable exchange and network service catalog, Qwest will bill appropriate~~12.3.4.2 When CLEC requests that Qwest perform trouble isolation with CLEC, a Maintenance of Service charges, set forth in Exhibit A, for dispatched work done by Qwest where recharge will apply if the trouble is found to be on the end-user's side of the NID or trouble is found to be in CLEC's portion of the End User Customers side of the Demarcation Point. If the trouble is in on the End User Customers side of the Demarcation Point, and the CLEC authorizes network.

~~12.3.4.2 Maintenance of Service, Qwest to repair trouble on the CLECs behalf, Qwest will charge CLEC the appropriate Additional Labor Charge set forth in Exhibit A, may be imposed by Qwest on CLEC for other internal repair work incurred on behalf of CLEC and later found to be in CLEC network components. 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's demarcation point) for CLEC or its end users.

## 12.3.6 Testing/Test Requests/Coordinated Testing/~~UNEs~~

~~12.3.6.1 Qwest shall have no obligation to test an end user's line or circuit, but may in appropriate circumstances. 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 Customer, its Affiliates, or any other party.~~

12.3.6.2 ~~Prior to any test being conducted~~Qwest conducting a test on a line, circuit, or service provided in this Agreement that CLEC is utilizing to serve an End User, Qwest must receive a trouble report from CLEC.

12.3.6.3 ~~Qwest end users are not given test results.~~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 ~~trouble, Qwest will not provide to CLEC the test results for its trouble reports provided in this Agreement, Qwest will provide CLEC test results upon request.~~ For electronically reported trouble, ~~CLEC may be provided various basic test results.~~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 ~~Qwest's test systems do not support testing of Unbundled Network Elements.~~CLEC shall isolate the trouble condition on UNE end users to Qwest's portion of the end user's serviceline, 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 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~~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 users with the correct telephone numbers to call for access to their respective repair bureaus.

12.3.8.1.2 End users of CLEC shall be instructed to report all cases of trouble to CLEC. End users of Qwest shall be instructed to report all cases of trouble to Qwest.

12.3.8.1.3 To the extent the correct provider can be determined, misdirected repair calls will be referred to the proper provider of Basic Exchange Telecommunications ~~Service; however, nothing in this Agreement shall be~~

~~deemed to prohibit Qwest or CLEC from discussing its products and services with Service.~~

~~CLEC's or Qwest's end users who call the other Party.~~

12.3.8.1.4 CLEC and Qwest will provide their respective repair contact numbers to one another on a reciprocal basis.

12.3.8.1.5 In responding to repair calls, CLEC's End User Customers contacting Qwest in error will be instructed to contact CLEC; and Qwest's End User Customers contacting CLEC in error will be instructed to contact Qwest. In responding to calls, neither Party shall make disparaging remarks about each other. To the extent the correct provider can be determined, misdirected calls received by either Party will be referred to the proper provider of local Exchange Service; however, nothing in this Agreement shall be deemed to prohibit Qwest or CLEC from discussing its products and services with CLEC's or Qwest's End User Customers who call the other Party.

### 12.3.9 Major Outages/Restoral/Notification

12.3.9.1 Qwest will notify CLEC of major network outages ~~as soon as is practical~~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 frequency 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~~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~~to CLEC of pending maintenance activity. ~~Such process work will include establishment of reasonable thresholds and notification standards.~~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 days a week, 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 based on the processes substantially the same type and quality as Qwest employs for its own end users, itself, its End User Customers, its Affiliates, or any other party. Qwest escalations are manual processes.

12.3.12.2 Qwest repair escalations begin with calls to the up-front may be initiated by either calling the trouble reporting centers, 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 3 troubles in a rolling 30 day period, pursuant to Section 12.2.2.1.

### **12.3.13 Dispatch**

12.3.13.1 Qwest will provide maintenance dispatch personnel on the same schedule in substantially the same time and manner as it provides for its own end users, 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 do all that is reasonable and practical, according to 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, Qwest will not request authorization from CLEC prior to dispatch. For lines supported by Qwest's designed services process, Qwest may accept CLEC authorization to dispatch. Qwest's operational processes are regularly reviewed and may be altered in the future. Should processes be changed, CLEC will be notified.~~

~~12.3.13.4 CLEC shall perform appropriate trouble isolation and screening prior to submitting a trouble report to Qwest. 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.~~

12.3.13.4 Intentionally Left Blank

### **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 ~~and users~~End User Customers or on behalf of CLEC ~~and users~~End User Customers, will receive ~~similar~~ commitment ~~intervals~~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 ~~Notification to CLEC will be given on the same basis~~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 interval~~commitment (appointment or interval) has been or is likely to be missed~~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 trouble reports completely enough to insure, to the extent possible, that it sends to Qwest only trouble reports that involve Qwest ~~facilities~~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 ~~will~~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~~manually-reported trouble, Qwest will inform CLEC of repair ~~completion as soon as is practical after its completion.~~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 Interface Responsibilities

12.3.19.1 CLEC will be responsible for all interactions with its end users including service call handling and notifying its end users of trouble status and resolution.

12.3.19.2 All Qwest employees who perform repair service for CLEC end users 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 customers.

### 12.3.20 Repair Call Handling

12.3.20.1 ~~Manually reported~~Manually-reported repair calls by CLEC to Qwest will be answered with ~~substantially~~ the same quality and speed as Qwest answers calls from its own ~~end users.~~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 days a week, twenty-four 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 Tandems and ~~central offices.~~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 every two weeks 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.

12.3.23.2.1 — Non-trunk related disconnect, record, billing change for non-switched products, and emergency orders may be issued with due dates within the quiet time interval. Other non-trunk related orders must be issued with a due date prior to or after the conversion quiet period.

12.3.23.2.2 — Trunk related orders for augments to capacity or changes to facilities must be issued with a due date prior to or after the appropriate embargo interval as identified in the ICONN database.

12.3.23.2.3 — Qwest shall provide CLEC with conversion trunk group service request (TGSR) no less than ninety (90) days before conversion.

12.3.23.2.4 — CLEC shall issue conversion ASRs to Qwest no less than forty-five (45) days before conversion.

12.3.23.2.5 — Frame conversion order embargo for major facility changes or upgrades shall extend from forty-five (45) days prior to conversion until five (5) days after conversion. Quiet time where no orders with due dates that fall within the quiet time period except those described in 12.3.23.2.1 are processed for the affected location extends from five (5) days prior to conversion until two (2) days after the conversion.

12.3.23.2.6 — End office and tandem switch conversion order embargo for major facility changes or upgrades shall extend from forty-five (45) days prior to conversion until five (5) days after conversion for LIS and ten (10) days prior to conversion until four (4) weeks after conversion for CENTREX services. Quiet time, where no orders with due dates that fall within the quiet time period except those described in 12.3.23.2.1 are processed, extends five (5) days prior to conversion until two (2) days after the conversion.



~~12.3.23.3 Although Qwest normally does major switch maintenance during the above maintenance window, there will be occasions where this will not be possible.~~  
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 AMI 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 5 days after the Conversion Date. If CLEC requests the addition of trunk capacity or modification of circuit characteristics (i.e., change of AMI to B8ZS) to the new frame, new facility ASRs shall be placed, and the embargo period shall extend from 60 days prior to the Conversion Date until 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 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, ~~if available,~~ and the technical feasibility of new/different points of Interconnection. Qwest will administer the BFR Process in a ~~non-discriminatory manner.~~ discriminatory manner.

17.2 A BFR shall be submitted in writing and on the appropriate Qwest form for BFRs. CLEC and Qwest ~~will work together to prepare the BFR form. This form shall be accompanied by the non-refundable Processing Fee specified in Exhibit A of this Agreement. The form will request, and CLEC will need to provide, they 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 following information, as well as, any additional information that may be helpful in describing and analyzing CLEC's request:~~

- ~~a) a technical description of each requested Network Element or new/different points of Interconnection or ancillary services;~~
- ~~b) the desired interface specification;~~
- ~~c) each requested type of Interconnection or access;~~
- ~~d) a statement that the Interconnection or Network Element or ancillary service will be used to provide a Telecommunications Service;~~
- ~~e) the quantity requested;~~
- ~~f) the specific location requested;~~
- ~~g) if the requested Unbundled Network Element is a proprietary element as specified in Section 251(d)(2) of the Act, CLEC must submit documentation that demonstrates that access to such Network Element is necessary, that the failure to provide access to such Network Element would impair the ability of CLEC to provide the services that it seeks to offer, and that CLEC's ability to compete would be significantly impaired or thwarted without access to such requested proprietary element; and~~
- ~~h) if the requested Unbundled Network Element is a non-proprietary element as specified in Section 251(d)(2) of the Act, CLEC must submit documentation that demonstrates that denial of access to such non-proprietary Unbundled Network Element would impair the ability of CLEC to provide the services that it seeks to~~

~~offer, and that CLEC's ability to compete would be significantly impaired or thwarted without access to such Unbundled Network Element.~~

~~17.3 Within fifteen (15) calendar 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.~~

~~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 a preliminary analysis of the BFR. The preliminary 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.~~

~~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, Qwest shall advise CLEC as soon as reasonably possible of that fact, and Qwest shall promptly, but in no case later than ten (10) calendar days after making such a determination, provide a written report setting forth the basis for its conclusion.~~

~~17.6 If Qwest determines during the twenty-one (21) day period that the BFR qualifies under the Act, it shall notify CLEC in writing of such determination within ten (10) calendar days. Agreement. Qwest will refund one-half 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;~~

~~17.2.6 the specific location requested;~~

~~17.2.7 Intentionally Left Blank~~

~~17.2.8 Intentionally Left Blank~~

~~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) 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 ~~non-recurring~~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 ~~A CLEC has thirty (30)~~ 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, or seek mediation or arbitration.~~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 in the event of such cancellation CLEC will pay Qwest's reasonable development costs incurred in providing the Interconnection, Unbundled Network Element, or ancillary service to the extent that those development costs are not otherwise amortized.~~ 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 ~~seek arbitration pursuant to~~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 an Interconnection, an 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 that 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 (a) through (f) 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.

## Section 18.0 - AUDIT PROCESS

18.1 For purposed of this section the following definitions shall apply:

18.1.1 "Audit" shall mean the comprehensive review of:

~~18.1.1 Data of the books, records, and other documents~~ used in the billing process for services performed, ~~including reciprocal compensation, including, without limitation, reciprocal compensation~~ and facilities provided ~~under this Agreement; and under this Agreement.~~

~~18.1.2 Data relevant to provisioning and maintenance for services performed or facilities provided by either of the Parties for itself or others that are similar to the services performed or facilities provided under this Agreement for Interconnection or access to Unbundled Loops, ancillary and Finished Services.~~ Intentionally Left Blank

18.1.2 "Examination" shall mean an inquiry into a specific element or process related to the above. Commencing on the Effective Date of this Agreement, either Party may perform Examinations as either Party deems necessary.

~~18.2 The data referred to above shall be relevant to any performance indicators that are adopted in connection with this Agreement, through negotiation, arbitration or otherwise. 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 Audits requested by each Party under this Agreement in any 12-month period. 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 24 months.

#### 18.2.8 Audit or Examination Expenses

18.2.8.1 Each Party shall bear its own expenses ~~occasioned by the Audit, provided that the expense of any special data collection shall be born by the requesting Party.~~

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 audited Party shall pay all of the Auditing 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 auditing Party.

18.2.9 The Party requesting the Audit may request that an Audit be conducted by a mutually agreed-to independent auditor. 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.~~ Parties. The portion of this expense borne by the Auditing Party shall be borne by the Audited 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 18.2.11 The Parties agree that if an Audit discloses error(s), the Party responsible for the error(s) shall, in a timely manner, undertake corrective action for such error(s). All errors not corrected rate payable shall be in accordance with Commission requirements. In the event that any of the following circumstances occur within thirty (30) business days shall be escalated to the Vice-President level.

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 ~~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 affiliates' disaggregated data, as required by reasonable needs of the Audit.

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.

## 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~~ 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~~ 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~~ 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 users 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, ~~provided that when CLEC orders the same or substantially similar service available to Qwest end users, nothing in this Section shall be interpreted to authorize Qwest to charge CLEC for special construction where such charges are not provided for in a Tariff, or where such charges would not be applied to a Qwest end user 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**

***Qwest is currently developing performance measures in a process created by the Regional Oversight Committee (ROC). Qwest will amend this Agreement when the ROC process is complete to incorporate all aspects of the ROC final decision.***

