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January 27, 2005

VIA HAND DELIVERY

Jean Jewell, Secretary
Idaho Public Utilities Commission
472 West Washington Street
P.O. Box 83720
Boise, Idaho 83720-0074

Re: Case No. QWE-T-05-01
APPLICATION FOR APPROVAL OF INTERCONNECTION AGREEMENT

Dear Ms. Jewell:

Enclosed for filing with this Commission on behalf of Qwest Corporation and eAcceleration Corp. is an original of the **Application for Approval of Interconnection Agreement**. The parties respectfully request that this matter be placed on the Commission Decision Meeting Agenda for expedited approval.

Please contact me if you have any questions concerning the enclosed. Thank you for your assistance in this matter.

Very truly yours,

A handwritten signature in cursive script, appearing to read "Mary S. Hobson".
Mary S. Hobson

:blg
Enclosure
cc: Service List

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Terri Adkins
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terria@eacceleration.com

BEFORE THE IDAHO PUBLIC UTILITIES COMMISSION

**JOINT APPLICATION OF QWEST
CORPORATION AND eACCELERATION
CORP. FOR APPROVAL OF THE
INTERCONNECTION AGREEMENT FOR
THE STATE OF IDAHO PURSUANT TO 47
U.S.C. §252(E)**

CASE NO.: QWE-7-05-01

**APPLICATION FOR APPROVAL OF
INTERCONNECTION AGREEMENT**

Qwest Corporation (“Qwest”) and eAcceleration Corp. (“eAcceleration”) hereby jointly file this Application for Approval of Interconnection Agreement (“Agreement”). A copy of this Agreement is submitted herewith.

This Agreement was reached through voluntary negotiations without resort to mediation or arbitration and is submitted for approval pursuant to Section 252(e) of the Communications Act of 1934, as amended by the Telecommunications Act of 1996 (the “Act”).

Section 252(e)(2) of the Act directs that a state Commission may reject an agreement reached through voluntary negotiations only if the Commission finds that: the agreement (or portion(s) thereof) discriminates against a telecommunications carrier not a party to this agreement; or the implementation of such an agreement (or portion) is not consistent with the public interest, convenience and necessity.

eAcceleration and Qwest respectfully submit that this Agreement provides no basis for either of these findings, and, therefore jointly request that the Commission approve this

Agreement expeditiously. This Agreement is consistent with the public interest as identified in the pro-competitive policies of the State of Idaho, the Commission, the United States Congress, and the Federal Communications Commission. Expeditious approval of this Agreement will enable eAcceleration to interconnect with Qwest facilities and to provide customers with increased choices among local telecommunications services.

eAcceleration and Qwest further request that the Commission approve this Agreement without a hearing. Because this Agreement was reached through voluntary negotiations, it does not raise issues requiring a hearing and does not concern other parties not a party to the negotiations. Expeditious approval would further the public interest.

Respectfully submitted this 27th day of January, 2005.

Qwest Corporation



Mary S. Hobson
Stoel Rives LLP, Attorneys for Qwest

and

Terri Adkins
eAcceleration Corp.

CERTIFICATE OF SERVICE

I hereby certify that on this 27th day of January, 2005, I served the foregoing **APPLICATION FOR APPROVAL OF INTERCONNECTION AGREEMENT** upon all parties of record in this matter as follows:

Jean Jewell, Secretary
Idaho Public Utilities Commission
472 West Washington Street
P.O. Box 83720
Boise, Idaho 83720-0074
jjewell@puc.state.id.us

- Hand Delivery
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- Overnight Delivery
- Facsimile
- Email



Brandi L. Gearhart, PLS
Legal Secretary to Mary S. Hobson
Stoel Rives LLP

Resale Agreement
Between
Qwest Corporation
and
eAcceleration Corp.

in the State of

Idaho

November 9, 2004

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Section 1.0 - GENERAL TERMS

1.1 Intentionally Left Blank.

1.2 This Agreement is effective upon the approval of the Commission, and is between eAcceleration Corp ("Reseller") a Delaware corporation and Qwest Corporation ("Qwest"), a Colorado corporation, pursuant to Section 252 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.

1.3 This Agreement sets forth the terms, conditions and pricing under which Qwest will offer and provide to any requesting Reseller, Ancillary services, and Telecommunications Services available for resale within the geographical areas in which both Parties are providing local exchange service at that time, and for which Qwest is the incumbent Local Exchange Carrier within the state of Idaho for purposes of providing local Telecommunications Services. This Agreement is available for the term set forth herein.

1.4 Because the Statement of Generally Available Terms and Conditions (SGAT) is Qwest's standard contract offer, Resellers with a current Resale Agreement may opt into, through Section 252(i) of the Act, any provision of the Statement of Generally Available Terms and Conditions (SGAT) by executing an appropriate amendment to its current Resale Agreement.

1.4.1 When opting into a provision contained in an existing Resale Agreement or the SGAT, Qwest may require Reseller to accept Legitimately Related provisions to ensure that the opted into provision retains the context set forth in the Resale Agreement or the SGAT. The expiration date of the Resale Agreement from which the opted into provision was selected or the expiration date specified in the SGAT respectively, whichever is closer to the present date, shall be considered Legitimately Related. In all other instances, Qwest bears the burden of establishing that a Resale Agreement or SGAT provision is Legitimately Related.

1.4.2 To opt into a provision of the SGAT through Section 252(i), Reseller 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 Resale Agreement which has been signed by Reseller. Qwest shall make a form or sample amendment as well as the currently effective SGAT, available in electronic form for use by Reseller 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 Reseller in writing an explanation of why Qwest considers the provisions Legitimately Related, including legal, technical, or other considerations. In extraordinary circumstances, where Reseller's requested modification is complex, Qwest shall have additional time to perform its review. When

such extraordinary circumstances exist, Qwest will notify Reseller in writing within fifteen (15) business days from the notice and advise Reseller 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 Reseller's notice.

1.4.3 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, Reseller may provide Qwest with a revised proposed amendment that deletes the disputed provisions, which Qwest shall accept and sign. Regardless of whether Reseller provides Qwest with a revised proposed amendment, if Reseller disputes Qwest's written response that additional SGAT provisions are Legitimately Related, then Reseller may immediately demand that the dispute be submitted to dispute resolution and Reseller shall submit such dispute to dispute resolution within fifteen (15) Days from such receipt of Qwest's response. Reseller may, at its sole option, elect to have the dispute resolution conducted through one of the following methods of dispute resolution:

1.4.3.1 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 a Resale Agreement, as appropriate. If the Commission shall not have established any such rules or regulations, Reseller may file a complaint with the Commission. The Commission may elect to hear the complaint under expedited procedures.

1.4.3.2 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 Denver metropolitan area or in another mutually agreed upon location.

1.4.3.3 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.

1.4.4 If Qwest accepts a Reseller proposed change to adopt certain SGAT language and signs the amendment, the Parties shall begin abiding by the terms of the amendment immediately upon Reseller'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 Commission.

In consideration of the mutual promises contained herein and other good and valuable consideration, the Parties agree to the terms, conditions and prices as contained in this agreement:

Section 2.0 - INTERPRETATION AND CONSTRUCTION

2.1 This Agreement includes this Agreement and all Exhibits appended hereto, each of which is hereby incorporated by reference in this Agreement and made a part hereof. All references to Sections and Exhibits shall be deemed to be references to Sections of, and Exhibits to, this Agreement unless the context shall otherwise require. The headings and numbering of Sections and Exhibits used in this Agreement are for convenience only and will not be construed to define or limit any of the terms in this Agreement or affect the meaning and interpretation of this Agreement. Unless the context shall otherwise require, any reference to any statute, regulation, rule, Tariff, technical reference, technical publication, or any publication of Telecommunications industry administrative or technical standards, shall be deemed to be a reference to the most recent version or edition (including any amendments, supplements, addenda, or successor) of that statute, regulation, rule, Tariff, technical reference, technical publication, or any publication of Telecommunications industry administrative or technical standards that is in effect. Provided however, that nothing in this Section 2.1 shall be deemed or considered to limit or amend the provisions of Section 2.2. In the event a change in a law, rule regulation or interpretation thereof would materially change this Agreement, the terms of Section 2.2 shall prevail over the terms of this Section 2.1. In the case of any material change, any reference in this Agreement to such law, rule, regulation or interpretation thereof will be to such law, rule, regulation or interpretation thereof in effect immediately prior to such change until the processes set forth in Section 2.2 are implemented. The existing configuration of either Party's network may not be in compliance with the latest release of technical references, technical publications, or publications of Telecommunications industry administrative or technical standards.

2.2 The provisions in this Agreement are intended to be in compliance with and based on the existing state of the law, rules, regulations and interpretations thereof, including but not limited to state rules, regulations, and laws, as of April 1, 2003 (the Existing Rules). Nothing in this Agreement shall be deemed an admission by Qwest or Reseller concerning the interpretation or effect of the Existing Rules or an admission by Qwest or Reseller that the Existing Rules should not be changed, vacated, dismissed, stayed or modified. Nothing in this Agreement shall preclude or estop Qwest or Reseller 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 Reseller, amended as set forth in this Section 2.2, to reflect the outcome of generic proceedings by the Commission for pricing, service standards, or other matters covered by this Agreement. Rates in Exhibit A will reflect legally binding decisions of the Commission and shall be applied on a prospective basis from the effective date of the legally binding Commission decision, unless otherwise ordered by the Commission. Any amendment shall be deemed effective on the effective date of the legally binding change or modification of the Existing Rules for rates, and to the extent practicable for other terms and conditions, unless otherwise ordered. During the pendency of any negotiation for an amendment pursuant to this Section 2.2, the Parties shall continue to perform their obligations in accordance with the terms and conditions of this Agreement, for up to sixty (60)

Days. If the Parties fail to agree on an amendment during the sixty (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 this Agreement and Qwest's Tariffs, PCAT, methods and procedures, technical publications, policies, product notifications or other Qwest documentation relating to Qwest's or Reseller's rights or obligations under this Agreement, then the rates, terms and conditions of this Agreement shall prevail. To the extent another document abridges or expands the rights or obligations of either Party under this Agreement, the rates, terms and conditions of this Agreement shall prevail.

Section 3.0 - Reseller INFORMATION

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

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

General Information

Billing and Collection (Section 1)

Credit Information

Billing Information

Summary Billing

Operations Support Systems (OSS) and Network Outage Notification Contact Information

System Administration Contact Information

Ordering Information for resold services

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

Determine geographical requirements;

Identify Reseller identification codes;

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

Collect credit information;

Obtain Billing information;

Create summary bills;

Establish input and output requirements;

Create and distribute Qwest and Reseller contact lists; and

Identify Reseller hours and holidays.

3.2.2 Resellers that have previously completed a Questionnaire need not fill

out a new 'New Customer Questionnaire'; however, Reseller will update its New Customer Questionnaire with any changes in the required information that have occurred and communicate those changes to Qwest. Before placing an order for a new product, Reseller will need to complete the relevant new product questionnaire and amend this Agreement.

Section 4.0 - DEFINITIONS

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

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

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

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

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

"Automatic Location Identification/Database Management System" or "ALI/DMS" is an Enhanced 911/(E911) database containing End User Customer location information (including name, service address, telephone number, and sometimes special information from the local service provider) used to determine to which Public Safety Answering Point (PSAP) to route the call and used by the PSAP for emergency call handling (i.e., dispatch of emergency aid).

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

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

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

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

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

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

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

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

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

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

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

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

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

"Day" means calendar days unless otherwise specified.

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

"Effective Date" shall have the meaning set forth in Section 5.2

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

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

"Enhanced Services" means any service offered over Common Carrier transmission facilities that employ computer processing applications that act on the format, content, code, protocol or

similar aspects of a subscriber's transmitted information; that provide the subscriber with additional, different or restructured information; or involve End User Customer interaction with stored information.

"Enhanced 911" or "E911" shall have the meaning set forth in Section 6.

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

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

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

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

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

"FCC" means the Federal Communications Commission.

"Firm Order Confirmation" or "FOC" means the notice Qwest provides to Reseller to confirm that the Reseller 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.

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

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

"InterLATA Traffic" describes Telecommunications between a point located in a Local Access

Transport and Area (LATA) and a point located outside such area.

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

"Legitimately Related" terms and conditions are those rates, terms, and conditions that relate solely to the individual, service being requested by Reseller under Section 252(i) of the Act, and not those relating to other, services or elements in the approved Agreement. This definition is not intended to limit the FCC's interpretation of "legitimately related" as found in its rules, regulations or orders or the interpretation of a court of competent jurisdiction.

"Line Information Database" or "LIDB" shall have the meaning as set forth in Section 6.

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

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

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

"911 Service" shall have the meaning set forth in Section 6.

"NXX," "NXX Code," "Central Office Code," or "CO Code" is the three (3) digit Switch entity code which is defined by the D, E, and F digits of a ten (10) digit telephone number within the NANP.

"Operational Support Systems" or "OSS" shall have the meaning set forth in Section 9.

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

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

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

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

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

"POTS" means plain old telephone service.

"Proof of Authorization" ("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.

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

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

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

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

"Resale Agreement" or "Agreement" is an agreement entered into between Qwest and Reseller for ancillary services and resale of telecommunication services as a result of negotiations, adoption and/or arbitration or a combination thereof pursuant to Section 252 of the Act.

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

"Stand-Alone Test Environment" or "SATE" shall have the meaning set forth in Section 9.

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

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

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

"Waste" means all hazardous and non-hazardous substances and materials which are intended to be discarded, scrapped or recycled, associated with activities Reseller or Qwest or their respective contractors or agents perform at Work Locations. It shall be presumed that all substances or materials associated with such activities, that are not in use or incorporated into structures (including without limitation damaged components or tools, leftovers, containers, garbage, scrap, residues or by products), except for substances and materials that Reseller, Qwest or their respective contractors or agents intend to use in their original form in connection with similar activities, are Waste. Waste shall not include substances, materials or components

incorporated into structures (such as cable routes) even after such components or structure are no longer in current use.

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

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

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

Section 5.0 - TERMS AND CONDITIONS

5.1 General Provisions

5.1.1 Intentionally Left Blank.

5.1.2 Intentionally Left Blank.

5.1.3 Intentionally Left Blank.

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 Reseller for services, facilities, ancillary services 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 and ancillary services) and all new and additional services 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 Section 252 of the Act (the Effective Date). This Agreement shall be binding upon the Parties for a term of three (3) years and shall expire three (3) years from the Effective Date.

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

5.2.2.1 Prior to the conclusion of the term specified above, Reseller may obtain services under the terms and conditions of a then-existing AGREEMENT

or Agreement to become effective at the conclusion of the term or prior to the conclusion of the term if Reseller so chooses.

5.3 Proof of Authorization (POA)

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

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

5.4 Payment

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

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

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

5.4.4.2 If a Party pays the charges disputed at the time of payment or at any time thereafter pursuant to Section 5.4.4.3, and the dispute is resolved in favor of the disputing Party, the Billing Party shall, no later than the second Bill Date after the resolution of the dispute: (1) credit the disputing Party's bill for the disputed amount and any associated interest or (2) pay the remaining amount to Reseller, 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 before reconnection of service. "Repeatedly delinquent" means any payment received thirty (30) calendar Days or more after the payment Due Date, three (3) or more times during a twelve (12) month period. The deposit may not exceed the estimated total monthly charges for an average two (2) month period within the 1st three (3) months for all services. The deposit may be a surety bond if allowed by the applicable Commission regulations, a letter of credit with terms and conditions acceptable to the Billing Party, or some other form of mutually acceptable security such as a cash deposit. Required deposits are due and payable within thirty (30) calendar Days after demand.

5.4.6 Interest will be paid on cash deposits at the rate applying to deposits under applicable Commission regulations. Cash deposits and accrued interest will be credited to the billed Party's account or refunded, as appropriate, upon the earlier of the expiration of the term of the Agreement or the establishment of satisfactory credit with the Billing Party, which will generally be one (1) full year of timely payments of undisputed amounts in full by the billed Party. Upon a material change in financial standing, the billed Party may request and the Billing Party will consider a recalculation of the deposit. The fact that a deposit has been made does not relieve Reseller from any requirements of this Agreement.

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

5.5 Taxes

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

Collecting Party. The Contesting Party is entitled to the benefit of any refund or recovery resulting from the contest, provided that the Contesting Party is liable for and has paid the tax contested.

5.6 Insurance

5.6.1 Each Party shall at all times during the term of this Agreement, at its own cost and expense, carry and maintain all insurance required by law and Commercial General Liability insurance covering claims for bodily injury, death, personal injury or property damage and contractual liability with respect to the liability assumed by each Party hereunder. The limits of insurance shall not be less than \$1,000,000 each occurrence and \$2,000,000 general aggregate limit. Such coverage shall be written with insurers having a "Best's" rating of A- VII. Upon request each Party will provide a certificate of insurance evidencing coverage. Such certificate shall (1) name the other Party as an additional insured under commercial general liability coverage; (2) provide thirty (30) calendar Days prior written notice of cancellation of, material change or exclusions in the policy(s) to which certificate(s) relate.

5.7 Force Majeure

5.7.1 Neither Party shall be liable for any delay or failure in performance of any part of this Agreement from any cause beyond its control and without its fault or negligence including, without limitation, acts of nature, acts of civil or military authority, government regulations, embargoes, epidemics, terrorist acts, riots, insurrections, fires, explosions, earthquakes, nuclear accidents, floods, work stoppages, power blackouts, volcanic action, other major environmental disturbances, or unusually severe weather conditions (collectively, a Force Majeure Event). Inability to secure products or services of other Persons or transportation facilities or acts or omissions of transportation carriers shall be considered Force Majeure Events to the extent any delay or failure in performance caused by these circumstances is beyond the Party's control and without that Party's fault or negligence. The Party affected by a Force Majeure Event shall give prompt notice to the other Party, shall be excused from performance of its obligations hereunder on a day to day basis to the extent those obligations are prevented by the Force Majeure Event, and shall use reasonable efforts to remove or mitigate the Force Majeure Event. In the event of a labor dispute or strike the Parties agree to provide service to each other at a level equivalent to the level they provide themselves.

5.8 Limitation of Liability

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

5.8.2 Neither Party shall be liable to the other for indirect, incidental,

consequential, or special damages, including (without limitation) damages for lost profits, lost revenues, lost savings suffered by the other Party regardless of the form of action, whether in contract, warranty, strict liability, tort, including (without limitation) negligence of any kind and regardless of whether the Parties know the possibility that such damages could result. If the Parties enter into a Performance Assurance Plan under this Agreement nothing in this Section 5.8.2 shall limit amounts due and owing under any Performance Assurance Plan.

5.8.3 Intentionally Left Blank.

5.8.4 Nothing contained in this Section shall limit either Party's liability to the other for (i) willful or intentional misconduct or (ii) damage to tangible real or personal property proximately caused solely by such Party's negligent act or omission or that of their respective agents, subcontractors or employees.

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

5.9 Indemnity

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

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

5.9.1.2 In the case of claims or loss alleged or incurred by an End User Customer of either Party arising out of or in connection with services provided to the End User Customer by the Party, the Party whose End User Customer 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 User Customers regardless of whether the underlying service was provided or was provisioned by the Indemnified Party, unless the loss was caused by the willful misconduct of the Indemnified Party. The obligation to indemnify with respect to claims of the Indemnifying Party's End User Customers shall not extend to any claims for physical bodily injury or death of any Person or person, or for loss, damage to, or destruction of tangible property, whether or not owned by others, alleged to have resulted directly from

the negligence or intentional conduct of the employees, contractors, agents, or other representatives of the Indemnified Party.

5.9.2 The indemnification provided herein shall be conditioned upon:

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

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

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

5.10 Intellectual Property

5.10.1 Except for a license to use any facilities or equipment (including software) solely for the purposes of this Agreement or to receive any service solely (a) as provided in this Agreement or (b) as specifically required by the then-applicable federal and state rules and regulations relating to Interconnection and access to telecommunications facilities and services, nothing contained within this Agreement shall be construed as the grant of a license, either express or implied, with respect to any patent, copyright, trade name, trademark, service mark, trade secret, or other proprietary interest or intellectual property, now or hereafter owned, controlled or licensable by either Party. Nothing in this Agreement shall be construed as the grant to the other Party of any rights or licenses to trade or service marks.

5.10.2 Subject to Section 5.9.2, each Party (the Indemnifying Party) shall indemnify and hold the other Party (the Indemnified Party) harmless from and against any loss, cost, expense or liability arising out of a claim that the use of facilities of the Indemnifying Party or services provided by the Indemnifying Party provided or used pursuant to the terms of this Agreement misappropriates or otherwise violates the intellectual property rights of any third party. In addition to being subject to the

provisions of Section 5.9.2, the obligation for indemnification recited in this paragraph shall not extend to infringement which results from (a) any combination of the facilities or services of the Indemnifying Party with facilities or services of any other person (including the Indemnified Party but excluding the Indemnifying Party and any of its Affiliates), which combination is not made by or at the direction of the Indemnifying Party or (b) any modification made to the facilities or services of the Indemnifying Party by, on behalf of or at the request of the Indemnified Party and not required by the Indemnifying Party. In the event of any claim, the Indemnifying Party may, at its sole option (a) obtain the right for the Indemnified Party to continue to use the facility or service; or (b) replace or modify the facility or service to make such facility or service non-infringing. If the Indemnifying Party is not reasonably able to obtain the right for continued use or to replace or modify the facility or service as provided in the preceding sentence and either (a) the facility or service is held to be infringing by a court of competent jurisdiction or (b) the Indemnifying Party reasonably believes that the facility or service will be held to infringe, the Indemnifying Party shall notify the Indemnified Party and the parties shall negotiate in good faith regarding reasonable modifications to this Agreement necessary to (1) mitigate damage or comply with an injunction which may result from such infringement or (2) allow cessation of further infringement. The Indemnifying Party may request that the Indemnified Party take steps to mitigate damages resulting from the infringement or alleged infringement including, but not limited to, accepting modifications to the facilities or services, and such request shall not be unreasonably denied.

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

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

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, Reseller may use the phrase "Reseller is a Reseller of Qwest Services" (the "Authorized Phrase") in Reseller'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 Reseller.

5.10.6.2 Reseller's use of the Authorized Phrase does not cause End Users to believe that Reseller is Qwest.

5.10.6.3 The Authorized Phrase, when displayed, appears only in text form (Reseller 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 Reseller's name and in no event shall exceed 8 point size.

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

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

5.10.6.6 Upon termination of Reseller'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 Reseller shall immediately cease any and all such use of the Authorized Phrase. Reseller shall either promptly return to Qwest or destroy all materials in its possession or control displaying the Authorized Phrase.

5.10.7 Qwest and Reseller each recognize that nothing contained in this Agreement is intended as an assignment or grant to the other of any right, title or interest in or to the trademarks or service marks of the other (Marks) and that this Agreement does not confer any right or license to grant sublicenses or permission to third parties to use the Marks of the other and is not assignable. Neither Party will do anything inconsistent with the other's ownership of their respective Marks, and all rights, if any,

that may be acquired by use of the Marks shall inure to the benefit of their respective Owners. The Parties shall comply with all Applicable Law governing Marks worldwide and neither Party will infringe the Marks of the other.

5.11 Warranties

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

5.12 Assignment

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

5.12.2 In the event that Qwest transfers to any unaffiliated party exchanges including End User Customers that Reseller serves in whole or in part through facilities or services provided by Qwest under this Agreement, the transferee shall be deemed a successor to Qwest's responsibilities hereunder for a period of ninety (90) Days from notice to Reseller of such transfer or until such later time as the Commission may direct pursuant to the Commission's then applicable statutory authority to impose such responsibilities either as a condition of the transfer or under such other state statutory authority as may give it such power. In the event of such a proposed transfer, Qwest shall use its best efforts to facilitate discussions between Reseller and the transferee with respect to transferee's assumption of Qwest's obligations pursuant to the terms of this Agreement.

5.12.3 Nothing in this section is intended to restrict Reseller's rights to opt into Interconnection Agreements under §252 of the Act.

5.13 Default

[See, Minnesota SGAT for state-specific Section 5.13.1]

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

5.16 Nondisclosure

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

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

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

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

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

5.16.5 Nothing herein is intended to prohibit a Party from supplying factual information about its network and Telecommunications Services on or connected to its network to regulatory agencies including the Federal Communications Commission and the Commission so long as any confidential obligation is protected. In addition either Party shall have the right to disclose Proprietary Information to any mediator, arbitrator, state or federal regulatory body, the Department of Justice or any court in the conduct of

7.2.18 Prior to placing listings orders on behalf of End Users, Reseller shall be responsible for obtaining, and have in its possession, POA, as set forth in Section 5.3 of this Agreement.

7.2.19 Qwest will provide monthly listing verification proofs that provide the data to be displayed in the published white pages directory and available on Directory Assistance. Verification proofs containing nonpublished and nonlisted listings are also available upon request on the same monthly schedule.

7.2.20 Qwest will provide Reseller a reasonable opportunity to verify the accuracy of the listings to be included in the white pages directory and Directory Assistance.

7.2.21 Reseller may review and if necessary edit the white page listings prior to the close date for publication in the directory.

7.2.22 Reseller is responsible for all dealings with, and on behalf of, Reseller's End Users, including:

7.2.22.1 All End User account activity (e.g., End User queries and complaints);

7.2.22.2 All account maintenance activity (e.g., additions, changes, issuance of orders for listings to Qwest);

7.2.22.3 Determining privacy requirements and accurately coding the privacy indicators for Reseller's End User information (if End User information provided by Reseller to Qwest does not contain a privacy indicator, no privacy restrictions will apply); and

7.2.22.4 Any additional services requested by Reseller's End Users.

7.2.23 Pursuant to Sec. 222 (a), (b), (c), (d), and (e) of the Telecommunications Act, Qwest will provide subscriber lists information gathered in Qwest's capacity as a provider of local Exchange Service on a timely and unbundled basis, under non-discriminatory and reasonable rates, terms and conditions to Reseller upon request for the purpose of publishing directories in any format. Rates may be subject to federal or state law or rules, as appropriate. Upon request by Reseller, Qwest shall enter into negotiations with Reseller for Reseller's use of subscriber list information for purposes other than publishing directories, and Qwest and Reseller will enter into a written contract if agreement is reached for such use.

7.2.23.1 Qwest shall use commercially reasonable efforts to ensure that its retail End User listings provided to Reseller are accurate and complete. Any third party listings are provided AS IS, WITH ALL FAULTS. Qwest further represents that it shall review all its retail End User listings information provided to Reseller including End User requested restrictions on use, such as nonpublished and nonlisted restrictions.

7.2.24 Qwest represents and warrants that any arrangement for the publication of white pages directory listings with a contractor, requires such contractor to publish the

directory listings of Reseller contained in Qwest's listings database so that Reseller's directory listings are non-discriminatory in appearance and integration, and have the same accuracy and reliability that such contractor provides to Qwest's End Users.

7.2.25 Qwest further agrees that any arrangements for the publication of white pages directory listings with a contractor shall require such contractor to include in the Customer guide pages of the white pages directory, a notice that End Users should contact their local service provider to request any modifications to their existing listing or to request a new listing.

7.2.26 Qwest agrees that any arrangement with a contractor for the publication of white pages directory listings shall require such contractor to provide Reseller space in the Customer guide pages of the white pages directory for the purpose of notifying Customers how to reach Reseller to: (1) request service; (2) contact repair service; (3) dial Directory Assistance; (4) reach an account representative; (5) request buried cable local service; and (6) contact the special needs center for Customers with disabilities.

7.3 Rate Elements

The following rate elements apply to white pages listings and are contained in Exhibit A of this Agreement.

7.3.1 Primary Listings; and

7.3.2 Premium/Privacy Listings.

7.4 Ordering Process

7.4.1 Qwest provides training on white pages listings requests and submission processes. The ordering process is similar to the service ordering process.

7.4.2 Reseller listings can be submitted for inclusion in white pages directories according to the directions in the Qwest Listings User Documents for Facility-Based and Reseller Resellers, which is available on-line through the PCAT, (<http://www.qwest.com//wholesale/>) or will be provided in hard copy to Reseller upon request. Initial information and directions are available in PCAT.

7.4.3 Reseller can submit the OBF forms incorporated in the LSR via the IMA-EDI, IMA-GUI, or fax.

SECTION 8.0 - NETWORK SECURITY

8.1 Protection of Service and Property. Each Party shall exercise the same degree of care to prevent harm or damage to the other Party and any third parties, its employees, agents or End User Customers, or their property as it employs to protect its own personnel, End User Customers and property, etc.

8.2 Each Party is responsible to provide security and privacy of communications. This entails protecting the confidential nature of Telecommunications transmissions between End User Customers during technician work operations and at all times. Specifically, no employee, agent or representative shall monitor any circuits except as required to repair or provide service of any End User Customer at any time. Nor shall an employee, agent or representative disclose the nature of overheard conversations, or who participated in such communications or even that such communication has taken place. Violation of such security may entail state and federal criminal penalties, as well as civil penalties. Reseller is responsible for covering its employees on such security requirements and penalties.

8.3 The Qwest telecommunications network is part of the national security network, and as such, are protected by federal law. Deliberate sabotage or disablement of any portion of the underlying equipment used to provide the network is a violation of federal statutes with severe penalties, especially in times of national emergency or state of war. The Parties are responsible for covering their employees on such security requirements and penalties.

8.4 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.

8.5 In the event that one (1) 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.

8.6 Reserved For Future Use

8.7 Reserved For Future Use

8.8 Reserved For Future Use

8.9 Reserved For Future Use

8.10 Reserved For Future Use

8.11 Revenue Protection. Qwest shall make available to Reseller all present and future fraud prevention or revenue protection features. These features include, but are not limited to, screening codes, information digits '29' and '70' which indicate prison and Customer Owner Coin Operated Telephone (COCOT) pay phone originating line

types respectively; call blocking of domestic, international, 800, 888, 900, NPA-976, 700 and 500 numbers. Qwest shall additionally provide partitioned access to fraud prevention, detection and control functionality within pertinent OSS which include but are not limited to LIDB Fraud monitoring systems.

8.11.1 Uncollectable or unbillable revenues resulting from, but not confined to, Provisioning, maintenance, or signal network routing errors shall be the responsibility of the Party causing such error or malicious acts, if such malicious acts could have reasonably been avoided.

8.11.2 Uncollectible or unbillable revenues resulting from the accidental or malicious alteration of software underlying network elements or their subtending OSS by unauthorized third parties that could have reasonably been avoided shall be the responsibility of the Party having administrative control of access to said network element or operational support system software.

8.11.3 Qwest shall be responsible for any direct uncollectible or unbillable revenues resulting from the unauthorized physical attachment to Loop facilities from the Main Distribution Frame up to and including the Network Interface Device (NID), including clip-on fraud, if Qwest could have reasonably prevented such fraud.

8.11.4 To the extent that incremental costs are directly attributable to a revenue protection capability requested by Reseller, those costs will be borne by Reseller.

8.11.5 To the extent that either Party is liable to any toll provider for fraud and to the extent that either Party could have reasonably prevented such fraud, the Party who could have reasonably prevented such fraud must indemnify the other for any fraud due to compromise of its network (e.g., clip-on, missing information digits, missing toll restriction, etc).

8.11.6 If Qwest becomes aware of potential fraud with respect to Reseller's accounts, Qwest will promptly inform Reseller and, at the direction of Reseller, take reasonable action to mitigate the fraud where such action is possible.

8.12 Law Enforcement Interface. Qwest provides emergency assistance to 911 centers and law enforcement agencies seven (7) Days a week/twenty-four (24) hours a Day. Assistance includes, but is not limited to, release of 911 trace and subscriber information; in-progress trace requests; establishing emergency trace equipment, release of information from an emergency trap/trace or *57 trace; requests for emergency subscriber information; assistance to law enforcement agencies in hostage/barricade situations, kidnappings, bomb threats, extortion/scams, runaways and life threats.

8.13 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 Reseller, for any lines served from Qwest

Wire Centers or cross boxes.

8.14 In all cases involving telephone lines served from Qwest Wire Centers or cross boxes Qwest will perform trap/trace Title III and pen register assistance directly with law enforcement. Reseller 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 Reseller 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. Reseller will provide Qwest with a twenty-four (24) hour a Day, seven (7) Days a week contact for processing such requests, should they occur.

Section 9.0 - ACCESS TO OPERATIONAL SUPPORT SYSTEMS (OSS)

9.1 Description

9.1.1 Qwest has developed and shall continue to provide Operations Support Systems (OSS) interfaces using electronic gateways and manual processes. These gateways act as a mediation or control point between Reseller'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 Reseller. Additional technical information and details shall be provided by Qwest in training sessions and documentation and support, such as the "Interconnect Mediated Access (IMA) User's Guide." Qwest will continue to make improvements to the electronic interfaces as technology evolves, Qwest's legacy systems improve, or Reseller needs require. Qwest shall provide notification to Reseller consistent with the provisions of the Change Management Process (CMP) set forth in Section 9.2.6.

9.1.2 Through its electronic gateways and manual processes, Qwest shall provide Reseller non-discriminatory access to Qwest's OSS for Pre-ordering, Ordering and Provisioning, Maintenance and Repair, and Billing functions. For those functions with a retail analogue, such as Pre-ordering and Ordering and Provisioning of resold services, Qwest shall provide Reseller access to its OSS in substantially the same time and manner as it provides to itself. Qwest will comply with the standards for access to OSS set forth in Section 9. Qwest shall deploy the necessary systems and personnel to provide sufficient access to each of the necessary OSS functions. Qwest shall provide assistance for Reseller to understand how to implement and use all of the available OSS functions. Qwest shall provide Reseller sufficient electronic and manual interfaces to allow Reseller equivalent access to all of the necessary OSS functions. Through its website, training, disclosure documentation and development assistance, Qwest shall disclose to Reseller any internal business rules and other formatting information necessary to ensure that Reseller's requests and orders are processed efficiently. Qwest shall provide training to enable Reseller to devise its own course work for its own employees. Through its documentation available to Reseller, 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.

9.2 OSS Support for Pre-Ordering, Ordering and Provisioning

9.2.1 Local Service Request (LSR) Ordering Process

9.2.1.1 Qwest shall provide electronic interface gateways for submission of LSRs, including both an Electronic Data Interchange (EDI) interface and a Graphical User Interface (GUI).

9.2.1.2 The interface guidelines for EDI are based upon the Order & Billing Forum (OBF) Local Service Order Guidelines (LSOG), the Telecommunication Industry Forum (TCIF) Customer Service Guidelines; and the American National Standards Institute/Accredited Standards Committee (ANSI ASC) X12 protocols. Exceptions to the above guidelines/standards shall be

specified in the EDI disclosure documents.

9.2.1.3 The GUI shall provide a single interface for Pre-Order and Order transactions from Reseller 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.

9.2.1.4 Functions Pre Ordering, Qwest will provide real time, electronic access to pre-order functions to support Reseller's ordering via the electronic interfaces described herein. Qwest will make the following real time pre-order functions available to Reseller:

9.2.1.4.1 Features, services and Primary Interexchange Carrier (PIC) options for IntraLATA toll and InterLATA toll available at a valid service address;

9.2.1.4.2 Access to Customer service records (CSRs) for Qwest retail or resale End User Customers. The information will include Billing name, service address, Billing address, service and feature subscription, directory listing information, and long distance Carrier identity;

9.2.1.4.3 Telephone number request and selection;

9.2.1.4.4 Reservation of appointments for service installations requiring the dispatch of a Qwest technician on a non-discriminatory basis;

9.2.1.4.5 Information regarding whether dispatch is required for service installation and available installation appointments;

9.2.1.4.6 Service address verification;

9.2.1.5 Dial-Up Capabilities

9.2.1.5.1 Reserved for Future Use.

9.2.1.5.2 Reserved for Future Use.

9.2.1.5.3 When Reseller requests from Qwest more than fifty (50) SecurIDs for use by Reseller Customer service representatives at a single Reseller location, Reseller shall use a T1 line instead of dial-up access at that location. If Reseller is obtaining the line from Qwest, then Reseller 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 Reseller.

9.2.1.6 Reserved For Future Use

9.2.1.7 Facility Based EDI Listing Process Qwest shall provide a Facility

Based EDI Listing interface to enable Reseller listing data to be translated and passed into the Qwest listing database. This interface is based upon OBF LSOG and ANSI ASC X12 standards. Qwest shall supply exceptions to these guidelines/standards in writing in sufficient time for Reseller to adjust system requirements.

9.2.1.8 Qwest will establish interface contingency plans and disaster recovery plans for the interfaces described in this Section. Qwest will work cooperatively with Resellers through the Change Management Process (CMP) process to consider any suggestions made by Resellers to improve or modify such plans. Reseller specific requests for modifications to such plans will be negotiated and mutually agreed upon between Qwest and Reseller.

9.2.1.9 Ordering and Provisioning - Qwest will provide access to ordering and status functions. Reseller 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.

9.2.1.9.1 Qwest shall provide all Provisioning services to Reseller during the same business hours that Qwest provisions services for its End User Customers. Qwest will provide out-of-hours Provisioning services to Reseller 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.

9.2.1.9.2 When Reseller places an electronic order, Qwest will provide Reseller with an electronic Firm Order Confirmation (FOC) notice. The FOC will follow industry-standard formats and contain the Qwest Due Date for order completion. Upon completion of the order, Qwest will provide Reseller with an electronic completion notice which follows industry-standard formats and which states when the order was completed. Qwest supplies two (2) separate completion notices: 1) service order completion (SOC) which notifies the Reseller that the service order record has been completed, and 2) Billing completion that notifies the Reseller that the service order has posted to the Billing system.

9.2.1.9.3 When Reseller places a manual order, Qwest will provide Reseller with a manual firm order confirmation notice. The confirmation notice will follow industry-standard formats. Upon completion of the order, Qwest will provide Reseller with a completion notice which follows industry-standard formats and which states when the order was completed. Qwest supplies two (2) separate completion notices: 1) Service Order Completion (SOC) which notifies the Reseller that the service order record has been completed, and 2) Billing completion that notifies the Reseller that the service order has posted to the Billing system.

9.2.1.9.4 When Reseller 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 9.

9.2.1.9.5 When Reseller 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 9.

9.2.1.9.6 Business rules regarding rejection of LSRs are subject to the provisions of Section 9.2.6.

9.2.1.9.7 Where Qwest provides installation on behalf of Reseller, Qwest shall advise the Reseller End User Customer to notify Reseller immediately if the Reseller End User Customer requests a service change at the time of installation.

9.2.2 Maintenance and Repair

9.2.2.1 Qwest shall provide electronic interface gateways, including an Electronic Bonding interface and a GUI interface, 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 Reseller while the Trouble Report (TR) is open and a Qwest technician is working on the resolution. Reseller may also report trouble through manual processes. For designed services, the TR will not be closed prior to verification by Reseller that trouble is cleared.

9.2.3 Interface Availability

9.2.3.1 Qwest shall make its OSS interfaces available to Resellers during the hours listed in the Gateway Availability PIDs.

9.2.3.2 Qwest shall notify Resellers in a timely manner regarding system downtime through mass email distribution and pop-up windows as applicable.

9.2.4 Billing

9.2.4.1 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.

9.2.4.2 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 Reseller.

9.2.5 Outputs

Output information will be provided to Reseller 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 Reseller 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

9.2.5.1 Bills

9.2.5.1.1 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 Reseller. These bills are segmented by state and bill cycle. The number of bills received by Reseller is dictated by the product ordered and the Qwest region in which Reseller is operating.

9.2.5.1.2 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.

9.2.5.2 Files and Reports

9.2.5.2.1 Daily Usage Record File (DUF) 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 Reseller 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 Reseller with the

same level of precision and accuracy it provides itself. This file will be provided for Resale.

9.2.5.2.2 The charge for this Daily Usage Record File is contained in Exhibit A of this Agreement.

9.2.5.2.3 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 Reseller and exchange with other Resellers 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.

9.2.5.2.4 Loss Report provides Reseller with a daily report that contains a list of accounts that have had lines and/or services disconnected. This may indicate that the End User Customer has changed Resellers or removed services from an existing account. This report also details the order number, service name and address, and date this change was made. Individual reports will be provided for Resale.

9.2.5.2.5 Completion Report provides Reseller with a daily report. This report is used to advise Reseller that the order(s) for the service(s) requested is complete. It details the order number, service name and address and date this change was completed. Individual reports will be provided for Resale.

9.2.5.2.6 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 Reseller. Category 1101 series records are used to exchange detailed access usage information.

9.2.5.2.7 Reserved for Future Use.

9.2.5.2.8 SAG/FAM Files. The SAG (Street Address Guide)/FAM (Features Availability Matrix) files contain the following information:

- a) SAG provides Address and Serving Central Office Information.
- b) FAM provides USOCs and descriptions by state (POTS services only), and USOC availability by NPA-NXX with the exception of Centrex. InterLATA/IntraLATA Carriers by NPA-NXX.

These files are made available via a download process. They can be retrieved by ftp (file transfer protocol), Network Data Mover (NDM) connectivity, or a Web browser.

9.2.6 Change Management

Qwest agrees to maintain a change management process, known as the Change

Management Process (CMP), that is consistent with or exceeds industry guidelines, standards and practices to address Qwest's OSS, products and processes. The CMP shall include, but not be limited to, the following: (i) provide a forum for Reseller and Qwest to discuss Reseller and Qwest change requests (CR), CMP notifications, systems release life cycles, and communications; (ii) provide a forum for Resellers and Qwest to discuss and prioritize CRs, where applicable pursuant to CMP document; (iii) develop a mechanism to track and monitor CRs and CMP notifications; (iv) establish intervals where appropriate in the process; (v) processes by which Reseller impacts that result from changes to Qwest's OSS, products or processes can be promptly and effectively resolved; (vi) process that are effective in maintaining the shortest timeline practicable for the receipt, development and implementation of all CRs; (vii) sufficient dedicated Qwest processes to address and resolve in a timely manner CRs and other issues that come before the CMP body; (viii) processes for OSS Interface testing; (ix) information that is clearly organized and readily accessible to Resellers, including the availability of web-based tools; (x) documentation provided by Qwest that is effective in enabling Resellers to build an electronic gateway; and (xi) a process for changing CMP that calls for collaboration among Resellers and Qwest and requires agreement by the CMP participants. Pursuant to the scope and procedures set forth in CMP document, Qwest will submit to Resellers through the CMP, among other things, modifications to existing products and product and technical documentation available to Resellers, introduction of new products available to Resellers, discontinuance of products available to Resellers, modifications to pre-ordering, ordering/Provisioning, maintenance/repair or Billing processes, introduction of pre-ordering, ordering/Provisioning, Maintenance/Repair or Billing processes, discontinuance of pre-ordering, ordering/Provisioning, maintenance/repair or Billing process, modifications to existing OSS interfaces, introduction of new OSS interfaces, and retirement of existing OSS interfaces. Qwest will maintain as part of CMP an escalation process so that CMP issues can be escalated to a Qwest representative authorized to make a final decision and a process for the timely resolution of disputes. The governing document for CMP, known as the Change Management Process, (the "CMP Document"). As of the date of filing, the CMP Document is the subject of ongoing negotiations between Qwest and Resellers in the ongoing CMP redesign process. Not all of the sections of CMP document have been discussed or considered during the ongoing CMP redesign process, and the CMP Document will be continued to be changed through those discussions. CMP document reflects the commitments Qwest has made regarding maintaining its CMP as of the date of filing, and Qwest commits to implement agreements made in the CMP redesign process as soon as practicable after they are made. Following the completion of the CMP Document, will be subject to change through the CMP process, as set forth in the CMP Document. Qwest will maintain the most current version of the CMP Document on its wholesale website.

9.2.6.1 In the course of establishing operational ready system interfaces between Qwest and Reseller to support local service delivery, Reseller and Qwest may need to define and implement system interface specifications that are supplemental to existing standards. Reseller and Qwest will submit such specifications to the appropriate standards committee and will work towards their acceptance as standards.

9.2.6.2 Release updates will be implemented pursuant to the CMP set forth in CMP document.

9.2.6.3 Notwithstanding any other provisions in this Agreement, the CMP document will be modified pursuant to the terms of CMP document, or the

procedures of the redesign process and incorporated as part of the SGAT without requiring the execution or filing of any amendment to this Agreement.

9.2.7 Reseller Responsibilities for Implementation of OSS Interfaces

9.2.7.1 Before any Reseller implementation can begin, Reseller must completely and accurately answer the Reseller Questionnaire.

9.2.7.2 Once Qwest receives a complete and accurate New Customer Questionnaire, Qwest and Reseller will mutually agree upon time frames for implementation.

9.2.8 Qwest Responsibilities for On-going Support for OSS Interfaces

9.2.8. 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.

9.2.8.1.1 Qwest will provide written notice to Reseller of the need to migrate to a new release.

9.2.8.2 Qwest will provide an EDI Implementation Coordinator to work with Reseller for business scenario re-certification, migration and data conversion strategy definition.

9.2.8.3 Re-certification is the process by which Resellers demonstrate the ability to generate correct functional transactions for enhancements not previously certified. Qwest will provide the suite of tests for re-certification to Reseller with the issuance of the disclosure document.

9.2.8.4 Qwest shall provide training mechanisms for Reseller to pursue in educating its internal personnel. Qwest shall provide training necessary for Reseller to use Qwest's OSS interfaces and to understand Qwest's documentation, including Qwest's business rules.

9.2.9 Reseller Responsibilities for On-going Support for OSS Interfaces

9.2.9.1 If using the GUI interface, Reseller will take reasonable efforts to train Reseller personnel on the GUI functions that Reseller will be using.

9.2.9.2 An exchange protocol will be used to transport EDI formatted content. Reseller must perform certification testing of exchange protocol prior to using the EDI interface.

9.2.9.3 Qwest will provide Reseller 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 Reseller :

9.2.9.3.1 Connectivity Testing – Reseller and Qwest will conduct connectivity testing. This test will establish the ability of the trading partners to send and receive EDI messages effectively. This test verifies the communications between the trading partners. Connectivity is established during each phase of the implementation cycle. This test is also conducted prior to Controlled Production and before going live in the production environment if Reseller or Qwest has implemented environment changes when moving into production.

9.2.9.3.2 Stand-Alone Testing Environment (SATE) – Qwest's stand-alone testing environment will take pre-order and order requests, pass them to the stand-alone database, and return responses to Reseller during its development and implementation of EDI. The SATE provides Reseller the opportunity to validate its technical development efforts built via Qwest documentation without the need to schedule test times. This testing verifies Reseller's ability to send correctly formatted EDI transactions through the EDI system edits successfully for both new and existing releases. SATE uses test account data supplied by Qwest. Qwest will make additions to the test beds and test accounts as it introduces new OSS electronic interface capabilities, including support of new products and services, new interface features, and functionalities. All SATE pre-order queries and orders are subjected to the same edits as production pre-order and order transactions. This testing phase is optional.

9.2.9.3.3 Interoperability Testing – Reseller has the option of participating with Qwest in Interoperability testing to provide Reseller with the opportunity to validate technical development efforts and to quantify processing results. Interoperability testing verifies Reseller's ability to send correct EDI transactions through the EDI system edits successfully. Interoperability testing requires the use of account information valid in Qwest production systems. All Interoperability pre-order queries and order transactions are subjected to the same edits as production orders. This testing phase is optional when Reseller 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

9.2.9.3.5 If Reseller is using EDI, Qwest shall provide Reseller with a pre-allotted amount of time to complete certification of its business scenarios. Qwest will allow Reseller 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 Reseller's business plan. It is the sole responsibility of Reseller to schedule an appointment with Qwest for certification of its business scenarios. Reseller must make every effort to comply with the agreed upon dates and times scheduled for the certification of its business scenarios. If the certification of business scenarios is delayed due to Reseller, it is the sole responsibility of Reseller to schedule new appointments for certification of its business scenarios. Qwest will make reasonable efforts to accommodate Reseller schedule. Conflicts in the

schedule could result in certification being delayed. If a delay is due to Qwest, Qwest will honor Reseller's schedule through the use of alternative hours.

9.2.9.4 If Reseller is using the EDI interface, Reseller must work with Qwest to certify the business scenarios that Reseller will be using in order to ensure successful transaction processing. Qwest and Reseller shall mutually agree to the business scenarios for which Reseller requires certification. Certification will be granted for the specified release of the EDI interface. If Reseller is certifying multiple products or services, Reseller has the option of certifying those products or services serially or in parallel where Technically Feasible.

9.2.9.4.1 For a new software release or upgrade, Qwest will provide Reseller a stable testing environment that mirrors the production environment in order for Reseller to test the new release. For software releases and upgrades, Qwest has implemented the testing processes set forth in this Section.

9.2.9.5 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 EDI release. Notice of the need for re-certification will be provided to Reseller as the new release is implemented. The suite of re-certification test scenarios will be provided to Reseller with the disclosure document. If a Reseller is certifying multiple products or services, Reseller has the option of certifying those products or services serially or in parallel, where Technically Feasible.

9.2.9.6 Reseller will contact the Qwest EDI Implementation Coordinator to initiate the migration process. Reseller may not need to certify to every new EDI release, however, Reseller must complete the re-certification and migration to a new EDI release within six (6) months of the deployment of the new release. Reseller 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.

9.2.9.6.1 The following rules apply to initial development and certification of EDI interface versions and migration to subsequent EDI interface versions:

9.2.9.6.1.1 Stand Alone and/or Interoperability testing must begin on the prior release before the next release is implemented. Otherwise, Reseller will be required to move their implementation plan to the next release.

9.2.9.6.1.2 New EDI users must be certified and in production with at least one (1) product and one (1) order activity type on a prior release two (2) months after the implementation of the next release. Otherwise, Reseller will be required to move their implementation plan to the next release.

9.2.9.6.1.3 Any EDI user that has been placed into production on the prior release not later than two (2) months after the next release implementation may continue certifying additional products and activities until two (2) months prior to the retirement of the release. To be placed into production, the products/order activities must have been tested in the SATE or Interoperability environment before two (2) months after the implementation of the next release.

9.2.9.7 Reseller will be expected to execute the re-certification test cases in the stand alone and/or Interoperability test environments. Reseller will provide Purchase Order Numbers (PONs) of the successful test cases to Qwest.

9.2.9.8 In addition to the testing set forth in other sections of Section 9.2.9, upon request by Reseller, Qwest shall enter into negotiations for comprehensive production test procedures. In the event that agreement is not reached, Reseller shall be entitled to employ, at its choice, the Dispute Resolution procedures of this Agreement or expedited resolution through request to the state Commission to resolve any differences. In such cases, Reseller shall be entitled to testing that is reasonably necessary to accommodate identified business plans or operations needs, accounting for any other testing relevant to those plans or needs. As part of the resolution of such dispute, there shall be considered the issue of assigning responsibility for the costs of such testing. Absent a finding that the test scope and activities address issues of common interest to the Reseller community, the costs shall be assigned to the Reseller requesting the test procedures.

9.2.9.9 Reserved for Future Use.

9.2.10 Reseller Support

9.2.10.1 Qwest shall provide documentation and assistance for Reseller to understand how to implement and use all of the available OSS functions. Qwest shall provide to Reseller in writing any internal business rules and other formatting information necessary to ensure that Reseller's requests and orders are processed efficiently. This assistance will include, but is not limited to contacts to the Reseller account team, training, documentation, and Reseller Help Desk. Qwest will also supply Reseller with an escalation level contact list in the event issues are not resolved via contacts to the Reseller account team, training, documentation, and Reseller Help Desk.

9.2.10.2 Reseller Help Desk

9.2.10.2.1 The Reseller Systems Help Desk will provide a single point of entry for Reseller to gain assistance in areas involving connectivity, system availability, and file outputs. The Reseller Systems Help Desk areas are further described below.

9.2.10.2.1.1 Connectivity covers trouble with Reseller'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.

9.2.10.2.1.2 System Availability covers system errors generated during an attempt by Reseller to place orders or open trouble reports through EDI and GUI interfaces. These system errors are limited to: Resale/POTS; Unbundled Network Elements (UNE) POTS; Design Services and Repair.

9.2.10.2.1.3 File Outputs covers Reseller'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.

9.2.10.3 Additional assistance to Resellers is available through various public web sites. These web sites provide electronic interface training information and user documentation and technical specifications and are located on Qwest's wholesale web site. Qwest will provide Interconnect Service Center Help Desks which will provide a single point of contact for Reseller to gain assistance in areas involving order submission and manual processes.

9.2.11 Compensation/Cost Recovery

Recurring and nonrecurring OSS startup charges, as applicable, will be billed at rates set forth in Exhibit A. Any such rates will be consistent with Existing Rules. Qwest shall not impose any recurring or nonrecurring OSS start up charges unless and until the Commission authorizes Qwest to impose such charges and/or approves applicable rates at the completion of appropriate cost docket proceedings.

9.3 Maintenance and Repair

9.3.1 Service Levels

9.3.1.1 Qwest will provide repair and maintenance for all services covered by this Agreement in substantially the same time and manner as that which Qwest provides for itself, its End User Customers, its Affiliates, or any other party. Qwest shall provide Reseller repair status information in substantially the same time and manner Qwest provides for its retail services.

9.3.1.2 During the term of this Agreement, Qwest will provide necessary maintenance business process support to allow Reseller to provide similar service quality to that provided by Qwest to itself, its End User Customers, its Affiliates, or any other party.

9.3.1.3 Qwest will perform repair service that is substantially the same in timeliness and quality to that which it provides to itself, its End User Customers, its Affiliates, or any other party. Trouble calls from Reseller shall receive response time priority that is substantially the same as that provided to Qwest, its End User Customers, its Affiliates, or any other party and shall be handled in a nondiscriminatory manner.

9.3.2 Branding

9.3.2.1 Qwest shall use unbranded Maintenance and Repair forms while interfacing with Reseller End User Customers. Upon request, Qwest shall use Reseller provided and branded Maintenance and Repair forms. Qwest may not unreasonably interfere with branding by Reseller.

9.3.2.2 Except as specifically permitted by Reseller, in no event shall Qwest provide information to Reseller subscribers about Reseller or Reseller product or services.

9.3.2.3 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 Reseller or its Affiliates, except as expressly permitted by Reseller.

9.3.3 Service interruptions

9.3.3.1 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".

9.3.3.2 If it is confirmed that either Party is causing an Impairment of Service, as set forth in this Section, the Party whose network or service is being impaired (the "Impaired Party) shall promptly notify the Party causing the Impairment of Service (the "Impairing Party) of the nature and location of the problem. The Impaired Party shall advise the Impairing Party that, unless promptly rectified, a temporary discontinuance of the use of any circuit, facility or equipment may be required. The Impairing Party and the Impaired Party agree to work together to attempt to promptly resolve the Impairment of Service. If the Impairing Party is unable to promptly remedy the Impairment of Service, the Impaired Party may temporarily discontinue use of the affected circuit, facility or equipment.

9.3.3.3 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.

9.3.3.4 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.

9.3.3.5 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.

9.3.3.5.1 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 Resellers as itself, its End User Customers, its Affiliates, or any other party.

9.3.3.5.2 The Parties shall cooperate in isolating trouble conditions.

9.3.4 Trouble Isolation

9.3.4.1 Pursuant to the applicable exchange and network service catalog, Qwest will bill appropriate Maintenance of Service charges, set forth in Exhibit A, for dispatched work done by Qwest where the trouble is found to be on the end user's side of the NID or trouble is found to be in Reseller's portion of the network.

9.3.4.2 Maintenance of Service, set forth in Exhibit A, may be imposed by Qwest on Reseller for other internal repair work incurred on behalf of Reseller and later found to be in Reseller network components.

9.3.5 Inside Wire Maintenance

9.3.5.1 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 Reseller or its end users.

9.3.6 Testing/Test Requests/Coordinated Testing

9.3.6.1 Qwest shall have no obligation to test an end user's line or circuit, but may in appropriate circumstances.

9.3.6.2 Prior to any test being conducted on a line, Qwest must receive a trouble report from Reseller.

9.3.6.3 Qwest end users are not given test results. On manually reported trouble, Qwest will not provide to Reseller the test results for its trouble reports. For electronically reported trouble, Reseller may be provided various basic test results.

9.3.7 Work Center Interfaces

9.3.7.1 Qwest and Reseller shall work cooperatively to develop positive,

close working relationships among corresponding work centers involved in the trouble resolution processes.

9.3.8 Misdirected Repair Calls

9.3.8.1 Reseller and Qwest will employ the following procedures for handling misdirected repair calls:

9.3.8.1.1 Reseller and Qwest will provide their respective end users with the correct telephone numbers to call for access to their respective repair bureaus.

9.3.8.1.2 End users of Reseller shall be instructed to report all cases of trouble to Reseller. End users of Qwest shall be instructed to report all cases of trouble to Qwest.

9.3.8.1.3 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 Reseller from discussing its products and services with Reseller's or Qwest's End User Customers who call the other Party seeking such information.

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

9.3.8.1.5 In responding to repair calls, Reseller's End User Customers contacting Qwest in error will be instructed to contact Reseller; and Qwest's End User Customers contacting Reseller 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 Reseller from discussing its products and services with Reseller's or Qwest's End User Customers who call the other Party seeking such information.

9.3.9 Major Outages/Restoral/Notification

9.3.9.1 Qwest will notify Reseller of major network outages as soon as is practical. This notification will be via e-mail to Reseller's identified contact. With the minor exception of certain proprietary 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. Service restoration will be non-discriminatory, and will be accomplished as quickly as possible according to Qwest and/or industry standards.

9.3.9.2 Qwest will meet with associated personnel from Reseller to share contact information and review Qwest's outage restoral processes and

notification processes.

9.3.9.3 Qwest's emergency restoration process operates on a 24x7 basis.

9.3.10 Protective Maintenance

9.3.10.1 Qwest will perform scheduled maintenance of substantially the same quality to that which it provides to itself.

9.3.10.2 Qwest will work cooperatively with Reseller to develop industry-wide processes to provide as much notice as possible to Reseller of pending maintenance activity. Such process work will include establishment of reasonable thresholds and notification standards.

9.3.11 Hours of Coverage

9.3.11.1 Qwest's repair operation is seven (7) days a week, 24 hours a day. Not all functions or locations are covered with scheduled employees on a 7X24 basis. Where such 24x7 coverage is not available, Qwest's repair operations center (always available 24x7) can call-out technicians or other personnel required for the situation.

9.3.12 Escalations

9.3.12.1 Qwest will provide trouble escalation procedures to Reseller. Such procedures will be based on the processes Qwest employs for its own end users. Qwest escalations are manual processes.

9.3.12.2 Qwest repair escalations begin with calls to the up-front trouble reporting centers.

9.3.13 Dispatch

9.3.13.1 Qwest will provide maintenance dispatch personnel on the same schedule as it provides for its own end users.

9.3.13.2 Upon the receipt of a trouble report from Reseller, Qwest will do all that is reasonable and practical, according to internal 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 Reseller require a dispatch when Qwest believes the dispatch is not necessary, appropriate charges will be billed by Qwest to Reseller for those dispatch-related costs in accordance with Exhibit A.

9.3.13.3 For POTS lines, Qwest will not request authorization from Reseller prior to dispatch. For lines supported by Qwest's designed services process, Qwest may accept Reseller authorization to dispatch. Qwest's

operational processes are regularly reviewed and may be altered in the future. Should processes be changed, Reseller will be notified.

9.3.13.4 Reseller shall perform appropriate trouble isolation and screening prior to submitting a trouble report to Qwest.

9.3.14 Electronic Reporting

9.3.14.1 Reseller may submit Trouble Reports through the electronic bonding or GUI interfaces provided by Qwest.

9.3.15 Intervals/Parity

9.3.15.1 Similar trouble conditions, whether reported on behalf of Qwest end users or on behalf of Reseller end users, will receive similar commitment intervals.

9.3.16 Jeopardy Management

9.3.16.1 Notification to Reseller will be given on the same basis that a trouble report interval is likely to be missed.

9.3.17 Trouble Screening

9.3.17.1 Reseller shall screen and test its end user trouble reports completely enough to insure that it sends to Qwest only trouble reports that involve Qwest facilities.

9.3.17.2 Qwest will cooperate with Reseller to show Reseller how Qwest screens trouble conditions in its own centers, so that Reseller will employ similar techniques in its centers.

9.3.18 Maintenance Standards

9.3.18.1 Qwest will cooperate with Reseller to meet the maintenance standards outlined in this Agreement.

9.3.18.2 On manually reported trouble, Qwest will inform Reseller of repair completion as soon as is practical after its completion. On electronically reported trouble reports the electronic system will automatically update status information, including trouble completion, across the joint electronic gateway.

9.3.19 End User Interfaces

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

9.3.19.2 All Qwest employees who perform repair service for Reseller end users will be trained in non-discriminatory behavior.

9.3.20 Repair Call Handling

9.3.20.1 Manually reported repair calls by Reseller to Qwest will be answered with substantially the same quality and speed as Qwest answers calls from its own end users.

9.3.21 Single Point of Contact

9.3.21.1 Qwest will provide a single point of contact for Reseller to report maintenance issues and trouble reports seven days a week, twenty-four hours a day. A single 24x7 trouble reporting telephone number will be provided to Reseller for each category of trouble situation being encountered.

9.3.22 Network Information

9.3.22.1 Qwest maintains an information database, available to Reseller for the purpose of allowing Reseller to obtain information about Qwest's NPAs, LATAs, Access Tandems and central offices.

9.3.22.2 This database is known as the Interconnection (ICONN) database, available to Reseller via Qwest's Web site.

9.3.22.3 Customer Proprietary Network Information (CPNI) information and NXX activity reports are also included in this database.

9.3.22.4 ICONN is updated every two (2) weeks.

9.3.23 Maintenance Windows

9.3.23.1 Generally, Qwest performs major switch maintenance activities off-hours, during certain "maintenance windows".

9.3.23.2 Generally, the maintenance window is between 10:00 PM through 6:00 AM Monday through Friday, and Saturday 10:00 p.m. through Monday 6:00 am, Mountain Time.

9.3.23.3 Although Qwest normally does major switch maintenance during the above maintenance window, there will be occasions where this will not be possible.

9.3.23.4 Planned generic upgrades to Qwest switches are included in the ICONN database, available to Reseller via Qwest's Web site.

Section 10.0 - Directory Publisher

10.1 Qwest and Reseller agree that certain issues outside the provision of basic white page directory listings, such as yellow pages advertising, yellow pages listings, directory coverage, access to call guide pages (phone service pages), applicable listings criteria, white page enhancements and publication schedules will be the subject of negotiations between Reseller and directory publishers. Qwest acknowledges that Reseller may request Qwest to facilitate discussions between Reseller and Qwest Official Directory Publishers.

Section 11.0 – SERVICE PERFORMANCE

11.1 Performance Indicator Definitions (PIDs), in their current form as developed by the Regional Oversight Committee, are included in Exhibit B of this Agreement. Subsequent changes to these PIDs that are made by the Regional Oversight Committee shall be incorporated into Exhibit B by reference. The PIDs, together with applicable modifications, that apply to and are governed by the Performance Assurance Plan (PAP) are presented in Appendices A and B of Exhibit K to this Agreement. Modifications of PIDs that apply to the PAP shall be made in accordance with Section 18 of Exhibit K. Only those PAP provisions applicable to Resold Services under this Agreement shall apply.

Section 12.0 - SIGNATURE PAGE

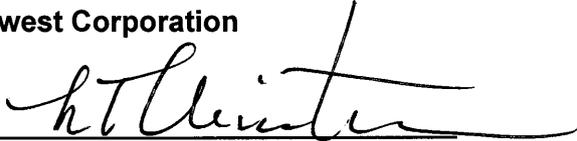
By signing below, and in consideration of the mutual promises set forth herein, and other good and valuable consideration, Reseller adopts this AGREEMENT and upon receipt by Qwest, the Parties agree to abide by the terms and conditions set forth in this Resale Agreement.

eAcceleration Corp

Qwest Corporation



Signature



Signature

Clinton L Ballard

Name Printed/Typed

Larry Christensen

Name Printed/Typed

Chief Executive Officer

Title

Director-Interconnection Agreements

Title

1/18/05

Date

1/24/05

Date



Service Performance Indicator Definitions (PID)

14-State 271 PID Version 8.0

QWEST'S SERVICE PERFORMANCE INDICATOR DEFINITIONS (PID)

14-State 271 PID Version 8.0

Introduction

Qwest will report performance results for the service performance indicators defined herein. Qwest will report separate performance results associated with the services it provides to Competitive Local Exchange Carriers (CLECs) in aggregate (except as noted herein), to CLECs individually and, as applicable, to Qwest's retail customers in aggregate. Within these categories, performance results related to service provisioning and repair will be reported for the products listed in each definition. Reports for CLECs individually will be subject to agreements of confidentiality and/or nondisclosure.

The definitions in this version of the PID apply in the 14 states of Qwest's local service region: Arizona, Colorado, Idaho, Iowa, Minnesota, Montana, Nebraska, New Mexico, North Dakota, Oregon, South Dakota, Utah, Washington and Wyoming. Individual state Performance Assurance Plans may specify and apply state specific variations from the Performance Measure definitions and/or standards contained herein.

Qwest's Service Performance Indicator Definitions

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Electronic Gateway Availability

GA-1 – Gateway Availability – IMA-GUI

Purpose: Evaluates the quality of CLEC access to the IMA-GUI electronic gateway and one associated system, focusing on the extent they are actually available to CLECs.	
Description: GA-1A: Measures the availability of the IMA-GUI (Interconnect Mediated Access- Graphical User Interface), and reports the percentage of Scheduled Availability Time the IMA-GUI interface is available for view and/or input. <ul style="list-style-type: none"> • Scheduled Up Time hours for preorder, order, and provisioning transactions are based on the currently published hours of availability found on the following website: http://www.qwest.com/wholesale/cmp/ossHours.html. GA-1D: Measures the availability of the SIA system, which facilitates access for the IMA-GUI interface and the IMA-EDI interface (see GA-2), and reports the percentage of scheduled time the SIA system is available. Scheduled availability times will be no less than the same hours as listed for IMA-GUI and IMA-EDI. <ul style="list-style-type: none"> • Time Gateway is Available to CLECs is equal to Scheduled Availability Time minus Outage Time. • Scheduled Availability Time is equal to Scheduled Up Time minus Scheduled Down Time. • Scheduled Down Time is time identified and communicated that the interface is not available due to maintenance and/or upgrade work. Notification of Scheduled Down Time for routine maintenance and/or upgrade work will be provided no less than 48 hours in advance. • An outage is a critical or serious loss of functionality, attributable to the specified gateway or component (i.e., IMA-GUI, SIA), affecting Qwest's ability to serve its customers. An outage is determined by Qwest technicians through the use of verifiable data, collected from the affected customer(s) and/or from mechanized event management systems. 	
Reporting Period: One month	Unit of Measure: Percent
Reporting Comparisons: CLEC aggregate results	Disaggregation Reporting: Region-wide level. Results will be reported as follows: GA-1A IMA Graphical User Interface Gateway GA-1D SIA system
Formula: $([\text{Number of Hours and Minutes Gateway is Available to CLECs During Reporting Period}] \div [\text{Number of Hours and Minutes of Scheduled Availability Time During Reporting Period}]) \times 100$	
Exclusions: None	
Product Reporting: None	Standard: 99.25 percent
Availability: <div style="text-align: center;">Available</div>	Notes:

GA-2 – Gateway Availability – IMA-EDI

Purpose:	
Evaluates the quality of CLEC access to the IMA-EDI electronic gateway, focusing on the extent the gateway is actually available to CLECs.	
Description:	
Measures the availability of IMA-EDI (Interconnect Mediated Access - Electronic Data Interchange) interface and reports the percentage of scheduled availability time the IMA-EDI Interface is available for view and/or input. All times during which the interface is scheduled to be operating during the reporting period are measured.	
<ul style="list-style-type: none"> • Scheduled Up Time hours for IMA-EDI based on the currently published hours of availability found on the following website: http://www.qwest.com/wholesale/cmp/ossHours.html. Time Gateway is Available to CLECs is equal to Scheduled Availability Time minus Outage Time. • Scheduled Availability Time is equal to Scheduled Up Time minus Scheduled Down Time. • Scheduled Down Time is time identified and communicated that the interface is not available due to maintenance and/or upgrade work. Notification of Scheduled Down Time for routine maintenance and/or upgrade work will be provided no less than 48 hours in advance. • An outage is a critical or serious loss of functionality, attributable to the specified gateway or component (i.e., IMA-EDI), affecting Qwest's ability to serve its customers. An outage is determined by Qwest technicians through the use of verifiable data, collected from the affected customer(s) and/or from mechanized event management systems. 	
Reporting Period: One month	Unit of Measure: Percent
Reporting Comparisons: CLEC aggregate results	Disaggregation Reporting: Region-wide level. (See GA-1D for reporting of SIA system availability.)
Formula:	
$\left(\frac{[\text{Number of Hours and Minutes Gateway is Available to CLECs During Reporting Period}] \div [\text{Number of Hours and Minutes of Scheduled Availability Time During Reporting Period}]}{1} \right) \times 100$	
Exclusions: None	
Product Reporting: None	Standard: 99.25 percent
Availability: Available	Notes:

GA-3 – Gateway Availability – EB-TA

Purpose: Evaluates the quality of CLEC access to the EB-TA interface, focusing on the extent the gateway is actually available to CLECs.	
Description: Measures the availability of EB-TA (Electronic Bonding – Trouble Administration) interface and reports the percentage of scheduled availability time the EB-TA Interface is available. <ul style="list-style-type: none"> • Scheduled Up Time hours are based on the currently published hours of availability found on the following website: http://www.qwest.com/wholesale/cmp/ossHours.html. • Time Gateway is Available to CLECs is equal to Scheduled Availability Time minus Outage Time. • Scheduled Availability Time is equal to Scheduled Up Time minus Scheduled Down Time. • Scheduled Down Time is time identified and communicated that the interface is not available due to maintenance and/or upgrade work. Notification of Scheduled Down Time for routine maintenance and/or upgrade work will be provided no less than 48 hours in advance. • An outage is a critical or serious loss of functionality, attributable to the specified gateway or component (i.e., EB-TA), affecting Qwest’s ability to serve its customers. An outage is determined by Qwest technicians through the use of verifiable data, collected from the affected customer(s) and/or from mechanized event management systems. 	
Reporting Period: One month	Unit of Measure: Percent
Reporting Comparisons: CLEC aggregate results	Disaggregation Reporting: Region-wide level.
Formula: $([\text{Number of Hours and Minutes Gateway is Available to CLECs During Reporting Period}] \div [\text{Number of Hours and Minutes of Scheduled Availability During Reporting Period}]) \times 100$	
Exclusions: None	
Product Reporting: None	Standard: 99.25 percent
Availability: Available	Notes:

GA-4 – System Availability – EXACT

Purpose: Evaluates the quality of CLEC batch access to the EXACT electronic access service request system, focusing on the extent the system is actually available to CLECs.	
Description: Measures the availability of EXACT system and reports the percentage of scheduled availability time the EXACT system is available. <ul style="list-style-type: none"> • Scheduled Up Time hours are based on the currently published hours of availability found on the following website: http://www.qwest.com/wholesale/cmp/ossHours.html. • Time System is Available to CLECs is equal to Scheduled Availability Time minus Outage Time. • Scheduled Availability Time is equal to Scheduled Up Time minus Scheduled Down Time. • Scheduled Down Time is time identified and communicated that the system is not available due to maintenance and/or upgrade work. Notification of Scheduled Down Time for routine maintenance and/or upgrade work will be provided no less than 48 hours in advance. • An outage is a critical or serious loss of functionality, attributable to the specified gateway or component (i.e., EXACT), affecting Qwest's ability to serve its customers. An outage is determined by Qwest technicians through the use of verifiable data, collected from the affected customer(s) and/or from mechanized event management systems. 	
Reporting Period: One month	Unit of Measure: Percent
Reporting Comparisons: CLEC aggregate results	Disaggregation Reporting: Region-wide level.
Formula: $\left(\frac{[\text{Number of Hours and Minutes EXACT is Available to CLECs During Reporting Period}]}{[\text{Number of Hours and Minutes of Scheduled Availability During Reporting Period}]} \right) \times 100$	
Exclusions: None	
Product Reporting: None	Standard: 99.25 percent
Availability: Available	Notes:

GA-6 – Gateway Availability – GUI -- Repair

Purpose:

Evaluates the quality of CLEC access to the GUI Repair electronic gateway, focusing on the extent the gateway is actually available to CLECs.

Description:

Measures the availability of the GUI (Graphical User Interface) repair electronic interface and reports the percentage of scheduled availability time the interface is available for view and/or input. All times during which the interface is scheduled to be operating during the reporting period are measured.

- Scheduled Up Time” hours are based on the currently published hours of availability found on the following website: <http://www.qwest.com/wholesale/cmp/ossHours.html>.
- Time Gateway is Available to CLECs is equal to Scheduled Availability Time minus Outage Time.
- Scheduled Availability Time is equal to Scheduled Up Time minus Scheduled Down Time.
- Scheduled Down Time is time identified and communicated that the interface is not available due to maintenance and/or upgrade work. Notification of Scheduled Down Time for routine maintenance and/or upgrade work will be provided no less than 48 hours in advance.
- An outage is a critical or serious loss of functionality, attributable to the specified gateway or component (i.e., GUI-Repair), affecting Qwest’s ability to serve its customers. An outage is determined by Qwest technicians through the use of verifiable data, collected from the affected customer(s) and/or from mechanized event management systems.

Reporting Period: One month	Unit of Measure: Percent
Reporting Comparisons: CLEC aggregate results	Disaggregation Reporting: Region-wide level.
Formula: [Number of Hours and Minutes Gateway is Available to CLECs During Reporting Period ÷ Number of Hours and Minutes of Scheduled Availability Time During Reporting Period] x 100	
Exclusions: None	
Product Reporting: None	Standard: 99.25 percent
Availability: Available	Notes:

GA-7 – Timely Outage Resolution following Software Releases

Purpose: Measures the timeliness of resolution of gateway or system outages attributable to software releases for specified OSS interfaces, focusing on CLEC-affecting software releases involving the specified gateways or systems.	
Description: <ul style="list-style-type: none"> Measures the percentage of gateway or system outages, which are attributable to OSS system software releases and which occur within two weeks after the implementation of the OSS system software releases, that are resolved^{NOTE 1} within 48 hours of detection by the Qwest monitoring group or reporting by a CLEC/co-provider. Includes software releases associated with the following OSS interfaces in Qwest: IMA-GUI, IMA-EDI, and CEMR, Exchange Access, Control, & Tracking (EXACT)^{NOTE 2}, Electronic Bonding– Trouble Administration (EB -TA)^{NOTE 3} An outage for this measurement is a critical or serious loss of functionality, attributable to the specified gateway or component, affecting Qwest’s ability to serve its customers or data loss^{NOTE 4} on the Qwest side of the interface. An outage is determined by Qwest technicians through the use of verifiable data, collected from the affected customer(s) and/or from mechanized event management systems. The outage resolution time interval considered in this measurement starts at the time Qwest’s monitoring group detects a failure, or at the date/time of the first transaction sent to Qwest that cannot be processed (i.e. lost data), and ends with the time functionality is restored or the lost data is recovered. 	
Reporting Period: Monthly	Unit of Measure: Percent
Reporting Comparisons: CLEC Aggregate	Disaggregation Reporting: Region-wide level.
Formula: $[(\text{Total outages detected within two weeks of a Software Release that are resolved within 48 hours of the time Qwest detects the outage}) \div (\text{Total number of outages detected within two weeks of Software Releases resolved in the Reporting Period})] \times 100$	
Exclusions: <ul style="list-style-type: none"> Outages in releases prior to any CLEC migrating to the release. Duplicate reports attributable to the same software defect. 	
Product Reporting: None	Standards: Volume = 1-20: 1 miss Volume > 20: 95%
Availability: Available	Notes: <ol style="list-style-type: none"> “Resolved” means that service is restored to the reporting CLEC, as experienced by the CLEC. EXACT is a Telecordia system. Only releases for changes initiated by Qwest for hardware or connectivity will be included in this measurement. Outages reported under EB-TA are the same as outages in MEDIACC. For data loss to be considered for GA-7, a functional acknowledgement must have been provided for the data in question (e.g., EDI 997, LSR ID or trouble ticket number).

Pre-Order/Order

PO-1 – Pre-Order/Order Response Times

Purpose:

Evaluates the timeliness of responses to specific preordering/ordering queries for CLECs through the use of Qwest's Operational Support Systems (OSS). Qwest's OSS are accessed through the specified gateway interface.

Description:

PO-1A & PO-1B:

Measures the time interval between query and response for specified pre-order/order transactions through the electronic interface.

- Measurements are made using a system that simulates the transactions of requesting pre-ordering/ordering information from the underlying existing OSS. These simulated transactions are made through the operational production interfaces and existing systems in a manner that reflects, in a statistically-valid manner, the transaction response times experienced by CLEC service representatives in the reporting period.
- The time interval between query and response consists of the period from the time the transaction request was "sent" to the time it is "received" via the gateway interface.
- A query is an individual request for the specified type of information.

PO-1C:

- Measures the percentage of all IRTM Queries measured by PO-1A & 1B transmitted in the reporting period that timeout before receiving a response.

PO-1D:

- Measures the average response time for a sampling of rejected queries across preorder transaction types. The response time measured is the time between the issuance of a pre-ordering transaction and the receipt of an error message associated with a "rejected query." A rejected query is a transaction that cannot be successfully processed due to the provision of incomplete or invalid information by the sender, which results in an error message back to the sender. ^{NOTE 1}

Reporting Period: One month

Unit of Measure:

PO-1A, PO-1B, & PO-1D: Seconds
PO-1C: Percent

PO-1 – Pre-Order/Order Response Times (continued)

<p>Reporting Comparisons: CLEC aggregate.</p>	<p>Disaggregation Reporting: Region-wide level. Results are reported as follows: PO-1A Pre-Order/Order Response Time for IMA-GUI PO-1B Pre-Order/Order Response Time for IMA-EDI</p> <p>Results are reported separately for each of the following transaction types: ^{NOTE 2}</p> <ol style="list-style-type: none"> 1. Appointment Scheduling (Due Date Reservation, where appointment is required) 2. Service Availability Information 3. Facility Availability 4. Street Address Validation 5. Customer Service Records 6. Telephone Number 7. Loop Qualification Tools ^{NOTE 3} 8. Resale of Qwest DSL Qualification 9. Connecting Facility Assignment ^{NOTE 4} 10. Meet Point Inquiry ^{NOTE 5} <p>For PO-1A (transactions via IMA-GUI), in addition to reporting total response time, response times for each of the above transactions will be reported in two parts: (a) time to access the request screen, and (b) time to receive the response for the specified transaction. For PO-1A 6, Telephone Number, a third part (c) accept screen, will be reported.</p> <p>For PO-1B (transactions via IMA-EDI), request/response will be reported as a combined number.</p> <p>PO-1C Results for PO-1C will be reported according to the gateway interface used:</p> <ol style="list-style-type: none"> 1. Percent of Preorder Transactions that Timeout IMA-GUI 2. Percent of Preorder Transactions that Timeout IMA-EDI <p>PO-1D Results for PO-1D will be reported according to the gateway interface used:</p> <ol style="list-style-type: none"> 1. Rejected Response Times for IMA-GUI 2. Rejected Response Times for IMA-EDI
<p>Formula:</p> <p>PO-1A & PO-1B = $\frac{\sum[(\text{Query Response Date \& Time}) - (\text{Query Submission Date \& Time})]}{(\text{Number of Queries Submitted in Reporting Period})}$</p> <p>PO-1C = $\frac{[(\text{Number of IRTM Queries measured by PO-1A \& 1B that Timeout before receiving response})]}{(\text{Number of IRTM Queries Transmitted in Reporting Period})} \times 100$</p> <p>PO-1D = $\frac{\sum[(\text{Rejected Query Response Date \& Time}) - (\text{Query Submission Date \& Time})]}{(\text{Number of Rejected Query Transactions Simulated by IRTM})}$</p>	
<p>Exclusions:</p> <p>PO-1A & PO-1B:</p> <ul style="list-style-type: none"> • Rejected requests/errors, and timed out transactions <p>PO-1C:</p> <ul style="list-style-type: none"> • Rejected requests and errors <p>PO-1D:</p> <ul style="list-style-type: none"> • Timed out transactions 	

PO-1 – Pre-Order/Order Response Times (continued)

Product Reporting: None	Standards: Total Response Time:	IMA-GUI	IMA-EDI
	1. Appointment Scheduling	<10 seconds	<10 seconds
	2. Service Availability Information	<25 seconds	<25 seconds
	3. Facility Availability	<25 seconds ⁶	<25 seconds ⁶
4. Street Address Validation	<10 seconds	<10 seconds	
5. Customer Service Records	<12.5 seconds ⁶	<12.5 seconds ⁶	
6. Telephone Number	<10 seconds	<10 seconds	
7. Loop Qualification Tools <small>NOTE 3</small>	≤ 20 seconds ⁷	≤ 20 seconds	
8. Resale of Qwest DSL Qualification	≤ 20 seconds ⁷	≤ 20 seconds	
9. Connecting Facility Assignment	≤ 25 seconds	≤ 25 seconds	
10. Meet Point Inquiry	≤ 30 seconds	≤ 30 seconds	
PO-1C-1	0.5%		
PO-1C-2	0.5%		
PO-1D-1 & 2	Diagnostic		
Availability: Available	Notes:		
	1. Rejected query types used in PO-1D are those developed for internal Qwest diagnostic purposes.		
	2. As additional transactions, currently done manually, are mechanized, they will be measured and added to or included in the above list of transactions, as applicable.		
	3. Results based on a weighted combination of ADSL Loop Qualification and Raw Loop Data Tool.		
	4. Results based on Connecting Facility Assignment by Unit Query.		
	5. Results based on meet Point Query, POTS Splitter option for Shared loops.		
	6. Times reflect non-complex services, including residential, simple business, or POTS account. Does not include ADSL or accounts>25 lines.		
	7. Benchmark applies to response time only. Request time and Total time will also be reported.		

PO-2 – Electronic Flow-through

<p>Purpose: Monitors the extent Qwest's processing of CLEC Local Service Requests (LSRs) is completely electronic, focusing on the degree that electronically-transmitted LSRs flow directly to the service order processor without human intervention or without manual retyping.</p>	
<p>Description: PO-2A - Measures the percentage of all electronic LSRs that flow from the specified electronic gateway interface to the Service Order Processor (SOP) without any human intervention.</p> <ul style="list-style-type: none"> Includes all LSRs that are submitted electronically through the specified interface during the reporting period, subject to exclusions specified below. <p>PO-2B – Measures the percentage of all flow-through-eligible LSRs ^{NOTE 1} that flow from the specified electronic gateway interface to the SOP without any human intervention.</p> <ul style="list-style-type: none"> Includes all flow-through-eligible LSRs that are submitted electronically through the specified interface during the reporting period, subject to exclusions specified below. 	
<p>Reporting Period: One month</p>	<p>Unit of Measure: Percent</p>
<p>Reporting Comparisons: CLEC aggregate, individual CLEC</p>	<p>Disaggregation Reporting: Statewide level (per multi-state system serving the state). Results for PO-2A and PO-2B will be reported according to the gateway interface* used to submit the LSR:</p> <ol style="list-style-type: none"> LSRs received via IMA-GUI LSRs received via IMA-EDI <p>*CO also reports an aggregate of IMA-GUI and IMA-EDI results.</p>
<p>Formula: PO-2A = $[(\text{Number of Electronic LSRs that pass from the Gateway Interface to the SOP without human intervention}) \div (\text{Total Number of Electronic LSRs that pass through the Gateway Interface})] \times 100$</p> <p>PO-2B = $[(\text{Number of flow-through-eligible Electronic LSRs that actually pass from the Gateway Interface to the SOP without human intervention}) \div (\text{Number of flow-through-eligible Electronic LSRs received through the Gateway Interface})] \times 100$</p>	
<p>Exclusions:</p> <ul style="list-style-type: none"> Rejected LSRs and LSRs containing CLEC-caused non-fatal errors. Non-electronic LSRs (e.g., via fax or courier). Records with invalid product codes. Records missing data essential to the calculation of the measurement per the PID. Duplicate LSR numbers. (Exclusion to be eliminated upon implementation of IMA capability to disallow duplicate LSR #'s.) Invalid start/stop dates/times. 	

PO-2 – Electronic Flow-through (continued)

<p>Product Reporting:</p> <ul style="list-style-type: none"> • Resale • Unbundled Loops (with or without Local Number Portability) • Local Number Portability • UNE-P (POTS) and UNE-P (Centrex 21) • Line Sharing 	<p>Standards:</p> <p>PO-2A:</p> <p>CO: CO PO-2B benchmarks minus 10 percent ^{NOTE 2}</p> <p>All Other States: Diagnostic</p> <p>PO-2B: ^{NOTE 2}</p>	
<p>Availability:</p> <p>Available (except as follows):</p> <p>Combined reporting of UNE-P (POTS) and UNE-P (Centrex 21) – beginning with Jul 04 data on the Aug 04 report.</p> <p>Line Sharing – beginning with Jul 04 data on the Aug 04 report</p>	<p>Notes:</p> <ol style="list-style-type: none"> 1. The list of LSR types classified as eligible for flow through is contained in the “LSRs Eligible for Flow Through” matrix. This matrix also includes availability for enhancements to flow through. Matrix will be distributed through the CMP process. 2. In Colorado the standard for PO-2 is considered met if the standard for either PO-2A or PO-2B is met. For both PO-2A and PO-2B, the benchmark percentages shown apply to the aggregations of PO-2A-1 and PO-2A-2 (i.e., the combined PO-2A result) and of PO-2B-1 and PO-2B-2 (i.e., the combined PO-2B result). 3. The standard and future disaggregated reporting of the Line Sharing product is TBD, pending resolution of TRO issues. 	
	Resale:	95%
	Unbundled Loops:	85%
	LNP:	95%
	UNE-P (POTS & Centrex 21):	95%
	Line Sharing:	Diagnostic ^{NOTE 3}

PO-3 – LSR Rejection Notice Interval

Purpose: Monitors the timeliness with which Qwest notifies CLECs that electronic and manual LSRs were rejected.	
Description: Measures the interval between the receipt of a Local Service Request (LSR) and the rejection of the LSR for standard categories of errors/reasons. <ul style="list-style-type: none"> • Includes all LSRs submitted through the specified interface that are rejected during the reporting period. • Standard reasons for rejections are: missing/incomplete/mismatching/unintelligible information, duplicate request or LSR/PON (purchase order number), no separate LSR for each account telephone number affected, no valid contract, no valid end user verification, account not working in Qwest territory, service-affecting order pending, request is outside established parameters for service, and lack of CLEC response to Qwest question for clarification about the LSR. • Included in the interval is time required for efforts by Qwest to work with the CLEC to avoid the necessity of rejecting the LSR. • With hours: minutes reporting, hours counted are (1) business hours for manual rejects (involving human intervention) and (2) published Gateway Availability hours for auto-rejects (involving no human intervention). Business hours are defined as time during normal business hours of the Wholesale Delivery Service Centers, except for PO-3C in which hours counted are workweek clock hours. Gateway Availability hours are based on the currently published hours of availability found on the following website: http://www.qwest.com/wholesale/cmp/ossHours.html. 	
Reporting Period: One month	Unit of Measure: PO-3A-1, PO-3B-1 & PO-3C - Hrs: Mins. PO-3A-2 & PO-3B-2 – Mins: Secs.
Reporting Comparisons: CLEC aggregate and individual CLEC results	Disaggregation Reporting: Results for this indicator are reported according to the gateway interface used to submit the LSR: <ul style="list-style-type: none"> • PO-3A-1, LSRs received via IMA-GUI and rejected manually: Statewide • PO-3A -2, LSRs received via IMA-GUI and auto-rejected: Region wide • PO-3B-1, LSRs received via IMA-EDI and rejected manually: Statewide • PO-3B -2, LSRs received via IMA-EDI and auto-rejected: Region wide • PO-3C, LSRs received via facsimile: Statewide
Formula: $\frac{\sum [(Date\ and\ time\ of\ Rejection\ Notice\ transmittal) - (Date\ and\ time\ of\ LSR\ receipt)]}{(Total\ number\ of\ LSR\ Rejection\ Notifications)}$	
Exclusions: <ul style="list-style-type: none"> • Records with invalid product codes. • Records missing data essential to the calculation of the measurement per the PID. • Duplicate LSR numbers. (Exclusion to be eliminated upon implementation of IMA capability to disallow duplicate LSR #'s.) • Invalid start/stop dates/times. 	
Product Reporting: Not applicable (reported by ordering interface).	Standards: <ul style="list-style-type: none"> • PO-3A-1 and -3B-1: ≤ 12 business hours • PO-3A -2 and -3B -2: ≤ 18 seconds • PO-3C: ≤ 24 work week clock hours
Availability: <p style="text-align: center;">Available</p>	Notes:

PO-4 – LSRs Rejected

<p>Purpose: Monitors the extent LSRs are rejected as a percentage of all LSRs to provide information to help address potential issues that might be raised by the indicator of LSR rejection notice intervals.</p>	
<p>Description: Measures the percentage of LSRs rejected (returned to the CLEC) for standard categories of errors/reasons.</p> <ul style="list-style-type: none"> • Includes all LSRs submitted through the specified interface that are rejected or FOC'd during the reporting period. • Standard reasons for rejections are: missing/incomplete/mismatching/unintelligible information; duplicate request or LSR/PON (purchase order number); no separate LSR for each account telephone number affected; no valid contract; no valid end user verification; account not working in Qwest territory; service-affecting order pending; request is outside established parameters for service; and lack of CLEC response to Qwest question for clarification about the LSR. 	
<p>Reporting Period: One month</p>	<p>Unit of Measure: Percent of LSRs</p>
<p>Reporting Comparisons: CLEC aggregate and individual CLEC results</p>	<p>Disaggregation Reporting: Results for this indicator are reported according to the gateway interface used to submit the LSR:</p> <ul style="list-style-type: none"> PO-4A-1 LSRs received via IMA-GUI and rejected manually – Region wide PO-4A -2 LSRs received via IMA-GUI and auto-rejected – Region wide PO-4B-1 LSRs received via IMA-EDI and rejected manually – Region wide PO-4B -2 LSRs received via IMA-EDI and auto-rejected – Region wide PO-4C LSRs received via facsimile – Statewide
<p>Formula: $\left[\frac{\text{Total number of LSRs rejected via the specified method in the reporting period}}{\text{Total of all LSRs that are received via the specified interface that were rejected or FOC'd in the reporting period}} \right] \times 100$ </p>	
<p>Exclusions:</p> <ul style="list-style-type: none"> • Records with invalid product codes. • Records missing data essential to the calculation of the measurement per the PID. • Duplicate LSR numbers. (Exclusion to be eliminated upon implementation of IMA capability to disallow duplicate LSR #'s.) • Invalid start/stop dates/times. 	
<p>Product Reporting: Not applicable (reported by ordering interface).</p>	<p>Standard: Diagnostic</p>
<p>Availability: Available</p>	<p>Notes:</p>

PO-5 – Firm Order Confirmations (FOCs) On Time

<p>Purpose: Monitors the timeliness with which Qwest returns Firm Order Confirmations (FOCs) to CLECs in response to LSRs/ASRs received from CLECs, focusing on the degree to which FOCs are provided within specified intervals.</p>	
<p>Description: Measures the percentage of Firm Order Confirmations (FOCs) that are provided to CLECs within the intervals specified under “Standards” below for FOC notifications.</p> <ul style="list-style-type: none"> • Includes all LSRs/ASRs that are submitted through the specified interface or in the specified manner (i.e., facsimile) that receive an FOC during the reporting period, subject to exclusions specified below. (Acknowledgments sent separately from an FOC (e.g., EDI 997 transactions are not included.) • For PO-5A, the interval measured is the period between the LSR received date/time (based on scheduled up time) and Qwest’s response with a FOC notification (notification date and time). • For PO-5B, 5C, and 5D, the interval measured is the period between the <u>application date and time</u>, as defined herein, and Qwest’s response with a FOC notification (notification date and time). • “Fully electronic” LSRs are those (1) that are received via IMA-GUI or IMA-EDI, (2) that involve no manual intervention, and (3) for which FOCs are provided mechanically to the CLEC. ^{NOTE 2} • “Electronic/manual” LSRs are received electronically via IMA-GUI or IMA-EDI and involve manual processing. • “Manual” LSRs are received manually (via facsimile) and processed manually. • ASRs are measured only in <u>business days</u>. • LSRs will be evaluated according to the FOC interval categories shown in the “Standards” section below, based on the number of lines/services requested on the LSR or, where multiple LSRs from the same CLEC are related, based on the combined number of lines/services requested on the related LSRs. 	
<p>Reporting Period: One month</p>	<p>Unit of Measure: Percent</p>
<p>Reporting Comparisons: CLEC aggregate and individual CLEC results</p>	<p>Disaggregation Reporting: Statewide level (per multi-state system serving the state). Results for this indicator are reported as follows:</p> <ul style="list-style-type: none"> • PO-5A:* FOCs provided for <u>fully electronic</u> LSRs received via: <ul style="list-style-type: none"> – PO-5A-1 IMA-GUI – PO-5A-2 IMA-EDI • PO-5B:* FOCs provided for <u>electronic/manual</u> LSRs received via: <ul style="list-style-type: none"> – PO-5B-1 IMA-GUI – PO-5B-2 IMA-EDI • PO-5C:* FOCs provided for <u>manual</u> LSRs received via Facsimile. • PO-5D: FOCs provided for ASRs requesting LIS Trunks. <p>* Each of the PO-5A, PO-5B and PO-5C measurements listed above will be further disaggregated as follows:</p> <ul style="list-style-type: none"> – (a) FOCs provided for Resale services and UNE-P – (b) FOCs provided for Unbundled Loops and specified Unbundled Network Elements – (c) FOCs provided for LNP
<p>Formula: $PO-5A = \{[\text{Count of LSRs for which the original FOC's "(FOC Notification Date \& Time) - (LSR received date/time (based on scheduled up time))" is within 20 minutes}] \div (\text{Total Number of original FOC Notifications transmitted for the service category in the reporting period})\} \times 100$ $PO-5B, 5C, \& 5D = \{[\text{Count of LSRs/ASRs for which the original FOC's "(FOC Notification Date \& Time) - (Application Date \& Time)" is within the intervals specified for the service category involved}] \div (\text{Total Number of original FOC Notifications transmitted for the service category in the reporting period})\} \times 100$</p>	

PO-5 – Firm Order Confirmations (FOCs) On Time (continued)

Exclusions:

- LSRs/ASRs involving individual case basis (ICB) handling based on quantities of lines, as specified in the "Standards" section below, or service/request types, deemed to be projects.
- Hours on Weekends and holidays. (Except for PO-5A which only excludes hours outside the scheduled up time).
- LSRs with CLEC-requested FOC arrangements different from standard FOC arrangements.
- Records with invalid product codes.
- Records missing data essential to the calculation of the measurement per the PID.
- Duplicate LSR numbers. (Exclusion to be eliminated upon implementation of IMA capability to disallow duplicate LSR #'s.)
- Invalid start/stop dates/times.

Additional PO-5D exclusion:

- Records with invalid application or confirmation dates.

Product Reporting:

- For PO-5A, -5B and -5C:
(a) Resale services UNE-P (POTS) and UNE-P Centrex
(b) Unbundled Loops and specified Unbundled Network Elements.
(c) LNP
- For PO-5D: LIS Trunks.

Standards:

- For PO-5A (all): 95% within 20 minutes ^{NOTE 2}
- For PO-5B (all): 90% within standard FOC intervals (specified below)
- For PO-5C (manual): 90% within standard FOC intervals specified below **PLUS 24 hours** ^{NOTE 3}
- For PO-5D (LIS Trunks): 85% within eight business days

Standard FOC Intervals for PO-5B and PO-5C

Product Group ^{NOTE 1}	FOC Interval
Resale	24 hours
Residence and Business POTS	
ISDN-Basic	
– Conversion As Is	
– Adding/Changing features	
– Add primary directory listing to established loop	
– Add call appearance	
Centrex Non-Design	
with no Common Block Configuration	
Centrex line feature changes/adds/removals (all)	
LNP	1-24 lines
Unbundled Loops	1-24 loops
2/4 Wire analog	
DS3 Capable	
Sub-loop	1-24 sub-loops
[included in Product Reporting group (b)]	
Line Sharing/Line Splitting/Loop Splitting	1-24 shared loops
[included in Product Reporting group (b)]	
Unbundled Network Element–Platform (UNE-P POTS)	1 – 39 lines

PO-5 – Firm Order Confirmations (FOCs) On Time (continued)

	Resale ISDN-Basic 1-10 lines – Conversion As Specified – New Installs – Address Changes – Change to add Loop ISDN-PRI (Facility) 1-3 PBX 1-24 trunks DS0 or Voice Grade Equivalent 1-24 DS1 Facility 1-24 DS3 Facility 1-3	48 hours
	LNP 25-49 lines Enhanced Extended Loops (EELs) [included in Product Reporting group (b)] DS1 1-24 circuits	
	Resale Centrex (including Centrex 21, Non-design, Centrex 21 Basic ISDN, Centrex-Plus, Centron, Centrex Primes) 1-10 lines – With Common Block Configuration required – Initial establishment of Centrex CMS services – Tie lines or NARs activity – Subsequent to initial Common Block – Station lines – Automatic Route Selection – Uniform Call Distribution – Additional numbers	72 hours
	UNE-P Centrex 1-10 lines UNE-P Centrex 21 1-10 lines	
	Unbundled Loops with Facility Check ^(NOTE 2, 3) 1 – 24 loops 2/4 wire Non-loaded ADSL compatible ISDN capable XDSL-I capable DS1 capable	
	Resale ISDN-PRI (Trunks) 1-12 trunks	96 hours
	For PO-5D: LIS Trunks 1-240 trunk circuits	8 business days
	Availability: Available	Notes: 1. LSRs with quantities above the highest number specified for each product type are considered ICB. 2. Unbundled Loop with Facility Check can be processed electronically; however, because this category always carries a 72-hour FOC interval the FOC results for this product will appear in PO-5B if received electronically or PO-5C if received manually. 3. Unbundled Loop with Facility Check will not add an additional 24 hours to the 72-hour interval if the LSR is submitted manually.

PO-6 – Work Completion Notification Timeliness

Purpose: To evaluate the timeliness of Qwest issuing electronic notification at an LSR level to CLECs that provisioning work on all service orders that comprise the CLEC LSR have been completed in the Service Order Processor and the service is available to the customer.	
Description: PO-6A & 6B: <ul style="list-style-type: none"> • Includes all orders completed in the Qwest Service Order Processor that generate completion notifications in the reporting period, subject to exclusions shown below. • The start time is the date/time when the last of the service orders that comprise the CLEC LSR is posted as completed in the Service Order Processor. • The end time is when the electronic order completion notice is made available (IMA-GUI)^{NOTE 1} or transmitted (IMA-EDI) to the CLEC via the ordering interface used to place the local service request. The notification is transmitted at an LSR level when all service orders that comprise the CLEC LSR are complete. • With hours: minutes reporting, hours counted are during the published Gateway Availability hours. Gateway Availability hours are based on the currently published hours of availability found on the following website: http://www.qwest.com/wholesale/cmp/ossHours.html. 	
Reporting Period: One month	Unit of Measure: PO-6A - 6B: Hrs:Mins
Reporting Comparisons: CLEC aggregate and individual CLEC results.	Disaggregation Reporting: Statewide level. <ul style="list-style-type: none"> • PO-6A Notices transmitted via IMA-GUI • PO-6B Notices transmitted via IMA-EDI
Formula: <u>For completion notifications generated from LSRs received via IMA-GUI:</u> $PO-6A = \frac{\sum((\text{Date and Time Completion Notification made available to CLEC}) - (\text{Date and Time the last of the service orders that comprise the CLEC LSR is completed in the Service Order Processor}))}{(\text{Number of completion notifications made available in reporting period})}$ <u>For completion notifications generated from LSRs received via IMA-EDI:</u> $PO-6B = \frac{\sum((\text{Date and Time Completion Notification transmitted to CLEC}) - (\text{Date and Time the last of the service orders that comprise the CLEC LSR is completed in the Service Order Processor.}))}{(\text{Number of completion notifications transmitted in reporting period})}$	
Exclusions: PO – 6A & 6B: <ul style="list-style-type: none"> • Records with invalid completion dates. • LSRs submitted manually (e.g., via facsimile). • ASRs submitted via EXACT. 	
Product Reporting: PO – 6A & 6B Aggregate reporting for all products ordered through IMA-GUI and, separately, IMA-EDI (see disaggregation reporting).	Standard: 6 hours
Availability: Available	Notes: <ol style="list-style-type: none"> 1. The time a notice is “made available” via the IMA-GUI is the time Qwest stores a status update related to the completion notice in the IMA Status Updates database. When this occurs, the notice can be immediately viewed by the CLEC using the Status Updates window or by using the LSR Notice Inquiry function.

PO-7 – Billing Completion Notification Timeliness

<p>Purpose: To evaluate the timeliness with which electronic billing completion notifications are made available or transmitted to CLECs, focusing on the percentage of notifications that are made available or transmitted (for CLECs) or posted in the billing system (for Qwest retail) within five business days.</p>	
<p>Description: <u>PO-7A & 7B:</u></p> <ul style="list-style-type: none"> This measurement includes all orders posted in the CRIS billing system for which billing completion notices are made available or transmitted in the reporting period, subject to exclusions shown below. Intervals used in this measurement are from the time a service order is completed in the SOP to the time billing completion for the order is made available or transmitted to the CLEC. <ul style="list-style-type: none"> The time a notice is "made available" via the IMA-GUI consists of the time Qwest stores the completion notice in the IMA Status Updates database. When this occurs, the notice can be immediately viewed by the CLEC using the Status Updates window. The time a notice is "transmitted" via IMA-EDI consists of the time Qwest actually transmits the completion notice via IMA-EDI. Applicable only to those CLECs who are certified and setup to receive the notices via IMA-EDI. The start time is when the completion of the service order is posted in the Qwest SOP. The end time is when, confirming that the order has been posted in the CRIS billing system, the electronic billing completion notice is made available to the CLEC via the same ordering interface (IMA-GUI or IMA-EDI) as used to submit the LSR. Intervals counted in the numerator of these measurements are those that are five business days or less. <p><u>PO-7C:</u></p> <ul style="list-style-type: none"> This measurement includes all retail orders posted in the CRIS Billing system in the reporting period, subject to exclusions shown below. Intervals used in this measurement are from the time an order is completed in the SOP to the time it is posted in the CRIS billing system. The start time is when the completion of the order is posted in the SOP. The end time is when the order is posted in the CRIS billing system. Intervals counted in the numerator of this measurement are those that are five business days or less. 	
<p>Reporting Period: One month</p>	<p>Unit of Measure: Percent</p>
<p>Reporting Comparisons: PO-7A and -7B: CLEC aggregate and individual CLEC results. PO-7C: Qwest retail results.</p>	<p>Disaggregation Reporting: Statewide level.</p> <ul style="list-style-type: none"> PO-7A Notices made available via IMA-GUI PO-7B Notices transmitted via IMA-EDI PO-7C Billing system posting completions for Qwest Retail
<p>Formula: <u>For wholesale service orders Qwest generates for LSRs received via IMA:</u></p> <p>PO-7A = (Number of electronic billing completion notices in the reporting period made available within five business days of posting complete in the SOP) ÷ (Total Number of electronic billing completion notices made available during the reporting period)</p> <p>PO-7B = (Number of electronic billing completion notices in the reporting period transmitted within five business days of posting complete in the SOP) ÷ (Total Number of electronic billing completion notices transmitted during the reporting period)</p> <p><u>For service orders Qwest generates for retail customers (i.e., the retail analogue for PO-7A & -7B):</u></p> <p>PO-7C = (Total number of retail service orders posted in the CRIS billing system in the reporting period that were posted within 5 business days) ÷ (Total number of retail service orders posted in the CRIS billing system in the reporting period)</p>	

PO-7 – Billing Completion Notification Timeliness (continued)

Exclusions: PO-7A, 7B & 7C <ul style="list-style-type: none">• Services that are not billed through CRIS, e.g. Resale Frame Relay.• Records with invalid completion dates. PO-7A & 7B <ul style="list-style-type: none">• LSRs submitted manually.• ASRs submitted via EXACT.	
Product Reporting: Aggregate reporting for all products ordered through IMA-GUI and, separately, IMA-EDI (see disaggregation reporting).	Standard: PO-7A and -7B: Parity with PO-7C
Availability: Available	Notes:

PO-8 – Jeopardy Notice Interval

Purpose: Evaluates the timeliness of jeopardy notifications, focusing on how far in advance of original due dates jeopardy notifications are provided to CLECs (regardless of whether the due date was actually missed).	
Description: Measures the average time lapsed between the date the customer is first notified of an order jeopardy event and the original due date of the order. <ul style="list-style-type: none"> Includes all orders completed in the reporting period that received jeopardy notifications. 	
Reporting Period: One month	Unit of Measure: Average <u>Business days</u> ^{NOTE 1}
Reporting Comparisons: CLEC aggregate, individual CLEC and Qwest Retail results	Disaggregation Reporting: Statewide level. (This measure is reported by jeopardy notification process as used for the categories shown under Product Reporting.)
Formula: $[\sum(\text{Date of the original due date of orders completed in the reporting period that received jeopardy notification} - \text{Date of the first jeopardy notification}) \div \text{Total orders completed in the reporting period that received jeopardy notification}]$	
Exclusions: <ul style="list-style-type: none"> Jeopardies done after the original due date is past. Records involving official company services. Records with invalid due dates or <u>application dates</u>. Records with invalid completion dates. Records with invalid product codes. Records missing data essential to the calculation of the measurement per the PID. 	
Product Reporting: <ul style="list-style-type: none"> A Non-Designed Services B Unbundled Loops (with or without Number Portability) C LIS Trunks D UNE-P (POTS) 	Standards: <ul style="list-style-type: none"> A Parity with Retail POTS B Parity with Retail POTS C Parity with Feature Group D (FGD) services D Parity with Retail POTS
Availability: Available	Notes: <ol style="list-style-type: none"> For PO-8A and -D, Saturday is counted as a business day for all non-dispatched orders for Resale Residence, Resale Business, and UNE-P (POTS), as well as for the retail analogues specified above as standards. For dispatched orders for Resale Residence, Resale Business, and UNE-P (POTS) and for all other products reported under PO-8B and -8C, Saturday is counted as a business day when the service order is due on Saturday.

PO-9 – Timely Jeopardy Notices

Purpose: When original due dates are missed, measures the extent to which Qwest notifies customers in advance of jeopardized due dates.	
Description: Measures the percentage of late orders for which advance jeopardy notification is provided. <ul style="list-style-type: none"> • Includes all inward orders (Change, New, and Transfer order types) assigned a due date by Qwest and which are completed/closed in the reporting period that missed the original due date. Change order types included in this measurement consist of all C orders representing <u>inward activity</u>. • Missed due date orders with jeopardy notifications provided on or after the original due date is past will be counted in the denominator of the formula but will not be counted in the numerator. 	
Reporting Period: One month	Unit of Measure: Percent
Reporting Comparisons: CLEC aggregate, individual CLEC and Qwest Retail results	Disaggregation Reporting: Statewide level. (This measure is reported by jeopardy notification process as used for the categories shown under Product Reporting.)
Formula: $[(\text{Total missed due date orders completed in the reporting period that received jeopardy notification in advance of original due date}) \div (\text{Total number of missed due date orders completed in the reporting period})] \times 100$	
Exclusions: <ul style="list-style-type: none"> • Orders missed for customer reasons. • Records with invalid product codes. • Records involving official company services. • Records with invalid due dates or <u>application dates</u>. • Records with invalid completion dates. • Records with invalid product codes. • Records missing data essential to the calculation of the measurement per the PID. 	
Product Reporting: <ul style="list-style-type: none"> A Non-Designed Services B Unbundled Loops (with or without Number Portability) C LIS Trunks D UNE-P (POTS) 	Standards: <ul style="list-style-type: none"> A Parity with Retail POTS B Parity with Retail POTS C Parity with Feature Group D (FGD) Services D Parity with Retail POTS
Availability: <p style="text-align: center;">Available</p>	Notes:

PO-15– Number of Due Date Changes per Order

Purpose: To evaluate the extent to which Qwest changes due dates on orders.	
Description: Measures the average number of Qwest due date changes per order. <ul style="list-style-type: none"> • Includes all inward orders (Change, New, and Transfer order types) that have been assigned a due date in the reporting period subject to the exclusions below. Change order types for additional lines consist of all "C" orders representing <u>inward activity</u>. • Counts all due date changes made for Qwest reasons following assignment of the original due date. 	
Reporting Period: One month	Unit of Measure: Average Number of Due Date Changes
Reporting Comparisons: CLEC aggregate, individual CLEC, and Qwest retail results.	Disaggregation Reporting: Statewide level.
Formula: $\Sigma(\text{Count of Qwest due date changes on all orders}) \div (\text{Total orders in reporting period})$	
Exclusions: <ul style="list-style-type: none"> • Customer requested due date changes. • Records involving official company services. • Records with invalid due dates or <u>application dates</u>. • Records with invalid product codes. • Records missing data essential to the calculation of the measurement per the PID. 	
Product Reporting: None	Standard: Diagnostic
Availability: Available	Notes:

PO-16– Timely Release Notifications

Purpose:

Measures the percent of release notifications for changes to specified OSS interfaces sent by Qwest to CLECs within the intervals and scope specified within the change management plan found on Qwest's Change Management Process, (CMP) website at <http://www.qwest.com/wholesale/cmp/whatiscmp.html>.

Description:

- Measures the percent of release notices that are sent by Qwest within the intervals/timeframes prescribed by the release notification procedure on Qwest's CMP website. ^{NOTE 1}
 - Release notices measured are:
 - Draft Technical Specifications (for App to App interfaces only);
 - Final Technical Specifications (for App to App interfaces only);
 - Draft Release Notices (for IMA-GUI interfaces only);
 - Final Release Notices (for IMA-GUI interfaces only); and
 - OSS Interface Retirement Notices. ^{NOTE 2}
 - For the following OSS interfaces:
 - IMA-GUI, IMA-EDI;
 - CEMR;
 - Exchange Access, Control, & Tracking (EXACT); ^{NOTE 3}
 - Electronic Bonding - Trouble Administration (EB -TA); ^{NOTE 4}
 - IABS and CRIS Summary Bill Outputs; ^{NOTE 5}
 - Loss and Completion Records; ^{NOTE 5}
 - New OSS interfaces (for introduction notices only.) ^{NOTE 6}
 - Also included are notifications for connectivity or system function changes to Resale Product Database.
 - Includes OSS interface release notifications by Qwest relating to the following products and service categories: LIS/Interconnection, Collocation, Unbundled Network Elements (UNE), Ancillary, and Resale Products and Services.
 - Includes OSS interface release notifications by Qwest to CLECs for the following OSS functions: Pre-Ordering, Ordering, Provisioning, Repair and Maintenance, and Billing.
 - Includes Types of Changes as specified in the "Qwest Wholesale Change Management Process Document" (Section 4 – Types of Changes).
 - Includes all OSS interface release notifications pertaining to the above OSS systems, subject to the exclusions specified below.
- Release Notifications sent on or before the date required by the CMP are considered timely. A release notification "sent date" ^{NOTE 7} is determined by the date of the e-mail sent by Qwest that provides the Release Notification.
- Release Notifications sent after the date required by the (CMP) are considered untimely. Release Notifications required but not sent are considered untimely.

Reporting Period: One month

Unit of Measure: Percent

Reporting Comparisons: CLEC Aggregate

Disaggregation Reporting: Region-wide level.

Formula:

$$\left[\frac{\text{(Number of required release notifications for specified OSS interface changes made within the reporting period that are sent on or before the date required by the change management plan (CMP))}}{\text{Total number of required release notifications for specified OSS interface changes within reporting period}} \right] \times 100$$

Exclusions:

- Changes to be implemented on an expedited basis (exception to OSS notification intervals) as mutually agreed upon by CLECs and Qwest through the CMP.
- Changes where Qwest and CLECs agree, through the CMP, that notification is unnecessary.

PO-16 Timely Release Notifications (continued)

Product Reporting: None		Standards: Vol. 1-10: No more than one untimely notification Vol. > 10: 92.5% timely notifications
Availability: Available	Notes: <ol style="list-style-type: none"> 1. The Qwest Wholesale Change Management Process Document specifies the intervals for release notifications by type of notification. These intervals are documented in the change management plan. 2. The documents described in section "9.0 – Retirement of Existing OSS Interfaces" of the "Qwest Wholesale Change Management Process Document" as "Initial Retirement Notice" and "Final Retirement Notice." 3. EXACT is a Telecordia system. Only release notifications for changes initiated by Qwest for hardware or connectivity will be included in this measurement. 4. EB-TA is the same system as MEDIACC. 5. CRIS, IABS, and Loss and Completions will adhere to the notification intervals documented in section 8.1 – Changes to Existing Application to Application Interface. 6. The documents described in section "7.0 – Introduction of New OSS Interface" of the "Qwest Wholesale Change Management Process Document" as "Initial Release Announcement and Preliminary Implementation Plan" (new App to App only), "Initial Interface Technical Specification" (new App to App only), "Final Interface Technical Specifications (new App to App only)", "Release Notification" (new GUI only). CMP notices for "Introduction of a New OSS" are to be included in this measurement even though the new system is not explicitly listed in the "Description" section of this PID. However, once implemented, the system will not be added to the measurement for purposes of measuring release, change and retirement notifications unless specifically incorporated as an authorized change to the PID. 7. The intervals used to determine timeliness are based on CMP guidelines. 	

PO-19– Stand-Alone Test Environment (SATE) Accuracy

Purpose:
Evaluates Qwest’s ability to provide accurate production-like tests to CLECs for testing new releases in the SATE and production environments and testing between releases in the SATE environment.

Description:

- PO-19A**
- Measures the percentage of test transactions that conform to the test scenarios published in the *IMA EDI Data Document – for the Stand Alone Test Environment (SATE)* that are successfully executed in SATE at the time a new IMA Release is deployed to SATE. In months where no release activity occurs, measures the percentage of test transactions that conform to the test scenarios published in the current IMA EDI Data Document-for the Stand Alone Test Environment (SATE) that are successfully executed in SATE during the between-releases monthly performance test.
 - Includes one test transaction for each test scenario published in the *IMA EDI Data Document – for the Stand Alone Test Environment (SATE)*.
 - Test transactions will be executed for each of the IMA releases supported in SATE utilizing all test scenarios for each of the current versions of the *IMA EDI Data Document – for the Stand Alone Test Environment (SATE)*.
 - The successful execution of a transaction is determined by the Qwest Test Engineer according to:
 - The expected results of the test scenario as described in the *IMA EDI Data Document – for the Stand Alone Test Environment (SATE)* and the EDI disclosure document.
 - The transactions strict adherence to business rules published in Qwest’s most current IMA EDI Disclosure Documentation for each release and the associated Addenda. ^{NOTE 1}
 - For this measurement, Qwest will execute the test transactions in the Stand-Alone Test Environment.
 - Release related test transactions will be executed when a full or point release of IMA is installed in SATE. These transactions will be executed within five business days of the numbered release being originally installed in SATE. This five-business day period will be referred to as the “Testing Window.”
 - Mid-release monthly performance test transactions will be executed in the months when no Testing Window for a release is completed. These transactions will be executed on the 15th, or the nearest working day to the 15th of the month, in the months when no release related test transactions are executed.
 - Test transaction results will be reported by release and included in the Reporting Period during which the release transactions or mid-release test transactions are completed.

- PO-19B**
- Validates the extent that SATE mirrors production by measuring the percentage of IMA EDI test transactions that produce comparable results in SATE and in production.
 - Transactions counted as producing comparable results are those that return correctly formatted data and fields as specified in the release’s EDI disclosure document and developer worksheets related to the IMA release being tested.
 - Comparability will be determined by evaluating the data and fields in each EDI message for the test transactions against the same data and fields for Preorder queries, LSRs, and Supplementals, and returned as Query Responses, Acknowledgements, Firm Order Confirmations (FOCs) for flow-through eligible products, and rejects.
 - Test transactions are executed one time for each new major IMA release within 7 days after the IMA release.
 - Test transactions consist of a defined suite of Product/Activity combinations. Qwest’s three regions will be represented. ^{NOTE 2}
 - Pre-order, Order, and Post-order transactions (FOCs for flow-through products) are included.
 - With respect to the comparability of the structure and content of results from SATE and production environments, this measurement focuses only on the validity of the structure and the validity of the content, per developer worksheets and EID mapping examples distributed as part of release notifications. ^{NOTE 3}

Reporting Period: PO-19A -- One month PO-19B: -- One month (for those months in	Unit of Measure: Percent
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PO-19 Stand-Alone Test Environment (SATE) Accuracy (continued)

which release-related test transactions are completed)	
Reporting Comparisons: None	Disaggregation Reporting: PO-19A – Reported separately for each release tested in the reporting period PO-19B -- None
<p>Formula:</p> <p>PO-19A $\left[\frac{\text{Total number of successfully completed SATE test transactions executed for a Software Release or between-releases performance test completed in the Reporting Period}}{\text{Total number of SATE test transactions executed for each Software Release or between-releases performance test completed in the Reporting Period}} \right] \times 100$</p> <p>PO-19B $\left[\frac{\text{Total number of completed IMA EDI test transactions executed in SATE and production that produce comparable results for each new major IMA Software Release completed in the Reporting Period}}{\text{Total number of completed IMA EDI test transactions executed in SATE and production for each new major IMA Software Release completed in the Reporting Period}} \right] \times 100$</p>	
<p>Exclusions:</p> <p>For PO-19B:</p> <ul style="list-style-type: none"> • Transactions that fail due to the unavailability of a content item (e.g., TN exhaustion in SATE or the production environment) or a function in the SATE or production environments (e.g., address validation query or CSR query) that is unsuccessful due to an outage in systems that interface with IMA-EDI (e.g., PREMIS or SIA). • Transactions that fail because of differences between the production and SATE results caused when an IMA candidate is implemented into IMA and not SATE (i.e., where CMP decides not to implement an IMA candidate in a SATE release: e.g., the Reject Duplicate LSR candidate in IMA 12.0). This exclusion does not apply during reporting periods in which there are no differences between production IMA and SATE caused by SATE releases packaged pursuant to CMP decisions. 	
Product Reporting: None	Standard: PO-19A – 95% for each release tested PO-19B – 95%
Availability: Available	Notes: 1. Transactions that are executed and found to have inconsistencies with the data and format rules will be corrected and rerun. Rerun volumes will not be counted in the denominator for PO-19. Such corrections and re-executions are intended to enforce strict adherence to business rules published in Qwest's most current IMA EDI Data and Disclosure Documents. 2. The product and activity combinations that make up the test decks for PO-19B will be updated after each major IMA software release and provided to CLECs with the publication of IMA EDI Draft Interface Technical Specifications for the next major IMA software release as defined in the CMP process. All combinations with EDI transaction volumes > 100 in the previous 12-month period will be included in the test deck. 75 days prior to the execution of the test, Qwest will run a query against IMA to determine which combinations meet the criteria for inclusion (i.e., volumes > 100).

PO-19 Stand-Alone Test Environment (SATE) Accuracy (continued)

	<p>3. The intent of this provision is to avoid including the effects of circumstances beyond the SATE environment that could cause differences in SATE and production results that are not due to problems in mirroring production. For example, because of real-time data manipulation in production, an appointment availability query transaction in SATE will not return the same list of available appointments as in production. Available appointments in production are fully dependent on real-time activities that occur there, whereas available appointments in SATE are based on a pre-defined list that is representative of production.</p>
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PO-20 (Expanded) – Manual Service Order Accuracy

Purpose:

Evaluates the degree to which Qwest accurately processes CLECs' Local Service Requests (LSRs), which are electronically-submitted and manually processed by Qwest, into Qwest Service Orders, based on mechanized comparisons of specified LSR-Service Order fields and focusing on the percentage of manually-processed Service Orders that are accurate/error-free.

Description:

Measures the percentage of manually-processed Qwest Service Orders that are populated correctly, in specified data fields, with information obtained from CLEC LSRs.

- Includes only Service Orders created from CLEC LSRs that Qwest receives ^{NOTE 1} electronically (via IMA-GUI or IMA-EDI) and manually processes in the creation of Service Orders, regardless of flow through eligibility, subject to exclusions specified below.
- Includes only Service Orders, from the product reporting categories specified below, that request inward line or feature activity (Change, New, and Transfer order types), are assigned a due date by Qwest, and are completed/closed in the reporting period. Change Service Order types included in this measurement consist of all C orders with "I" and "T" action-coded line or feature USOCs.
- All Service Orders satisfying the above criteria and as specified in the Availability section below are evaluated in this measurement.
- An inward line Service Order will be classified as "accurate" and thus counted in the numerator in the formula below when the mechanized comparisons of this measurement determine that the fields specified in the Service Order Fields Evaluated section below (when the source fields have been properly populated on the LSR) are all accurate on the Service Order. An inward feature Service Order will be classified as "accurate" if the fields specified in the Service Order Fields Evaluated section below (when the source fields have been properly populated on the LSR) are all accurate on the Service Order and if no CLEC notifications to the call center have generated call center tickets coded to LSR/SO mismatch for that order.
 - Service Orders will be counted as being accurate if the contents of the relevant fields, as recorded in the completed Service Orders involved in provisioning the service, properly match or correspond to the information from the specified fields as provided in the latest version of associated LSRs.
 - Service orders generated from LSRs receiving a PIA (Provider Initiated Activity value will be counted as being accurate if each and every mismatch has a correct and corresponding PIA value.
 - Service Orders, including those otherwise considered accurate under the above-described mechanized field comparison, will not be counted as accurate if Qwest corrects errors in its Service Order(s) as a result of contacts received from CLECs no earlier than one business day prior to the original due date.

Reporting Period: One month, reported in arrears (i.e., results first appear in reports one month later than results for measurements that are not reported in arrears), in order to exclude Service Orders that are the subject of call center tickets counted in OP-5B and OP-5T, as having new service problems attributed to Service Order errors.

Unit of Measure: Percent

Reporting Comparisons:
CLEC Aggregate and individual CLEC

Disaggregation Reporting:
Statewide Level

Formula:

$$[(\text{Number of accurate, evaluated Service Orders}) \div (\text{Number of evaluated Service Orders completed in the reporting period})] \times 100$$

PO-20 (Expanded) – Manual Service Order Accuracy (continued)

Exclusions: <ul style="list-style-type: none"> Service Orders that are the subject of call center tickets counted in OP-5B and OP-5T as having new service problems attributed to Service Order errors. Cancelled Service Orders. Service Orders that cannot be matched to a corresponding LSR Records missing data essential to the calculation of the measurement per the PID. 							
Product Reporting: <ul style="list-style-type: none"> Resale and UNE-P (POTS and Centrex 21) Unbundled Loops (Analog and Non-Loaded 2/4-wire, DS1 Capable, DS3 and higher Capable, ADSL Compatible, XDSL-I Capable, ISDN-BRI Capable) 	Standard: Benchmarks, as follows:						
	<table border="1"> <tr> <td>Phase 1</td> <td>97%</td> </tr> <tr> <td>Phase 2</td> <td>96%</td> </tr> <tr> <td>Phase 3 & beyond</td> <td>95%</td> </tr> </table>	Phase 1	97%	Phase 2	96%	Phase 3 & beyond	95%
	Phase 1	97%					
	Phase 2	96%					
Phase 3 & beyond	95%						
Availability: <ul style="list-style-type: none"> Phase 0 – PO-20 (Old) (the first version using sampling of limited fields). (Available now) Phase 1^{NOTE 2} – PO-20 (Expanded) Mechanized version (as defined herein). All qualifying orders associated with initial LSRs received via IMA version 15.0 or higher beginning with May 2004 data reported in Jul 04. Phase 2 – Additional fields added. No later than Sep 04 results reported in Nov 04 Phase 3– Additional fields added. Targeted for 1st Quarter 05 Phase 4 – Additional fields added. (Date TBD). 	Notes: <ol style="list-style-type: none"> To be included in the measurement, Service Orders created from CLEC LSRs must be received and completed in the same version of IMA-GUI or IMA-EDI. Phase 1: Consists of all manually-processed, qualifying Service Orders per product reporting category specified above, from throughout Qwest's 14-state local service region. 						

LSR Service Order Fields Evaluated			
Phase 1 – (Effective with LSRs received beginning May 2004)			
Mechanized comparison of the fields from the Service Order to the LSR:			
Form	LSR Field Code	LSR Field Name	Remarks/Service Order Field:
LSR	CCNA	Customer Carrier Name Abbreviation	CCNA field of LSR form compared to the RSID/ZCID field identifier in the Extended ID section of the Service Order.
	PON	Purchase Order Number	PON field of LSR form compared to the PON field in Bill Section of the Service Order.
	D/TSENT	Date and time sent	The D/TSENT field of LSR form from the Firm Order Manager, using applied business day cut-off rules and business typing rules, and compare to the APP (Application Date) used on the Service Order.
	CHC	Coordinated Hot Cut Requested	Applies only to Unbundled Loop. Validate that the installation USOC used on the Service Order matches the Coordinated Cut request. (Evaluated in conjunction with the TEST field to determine correct USOC.)
	TEST	Testing required	Applies only to Unbundled Loop. Validate that the installation USOC used on the Service Order matches the TEST request. (Evaluated in conjunction with the CHC field to determine correct USOC.)
	NC	Network Channel Code	Applies only to Unbundled Loop. NC field on the LSR form compared to provisioning USOC for CKL1 on the Service Order.

PO-20 (Expanded) – Manual Service Order Accuracy (continued)

LSR Service Order Fields Evaluated			
Phase 1 – (Effective with LSRs received beginning May 2004)			
Mechanized comparison of the fields from the Service Order to the LSR:			
Form	LSR Field Code	LSR Field Name	Remarks/Service Order Field:
	NCI	Network Channel Interface Code	Applies only to Unbundled Loop NCI field on the LSR form compared to provisioning USOC for CKL1 on the Service Order.
	SECNCI	Secondary Network Channel Interface Code	Applies only to Unbundled Loop orders. SECNCI field on the LSR form compared to the provisioning USOC for CKL2 on the Service Order.
Resale or Centrex	PIC	InterLATA Pre-subscription Indicator Code	PIC field on Resale or Centrex form compared to PIC populated on the "I" or "T" action lines in the Service and Equipment section of the Service Order. <i>Note:</i> LSR PIC = None; S.O. PIC = None
	LPIC	IntraLATA Pre-subscription Indicator Code	LPIC field on Resale or Centrex form compared to LPIC populated on the "I" or "T" action lines in the Service and Equipment section of the Service Order. <i>Note:</i> LSR LPIC = None; S.O. LPIC = 9199 LSR LPIC = DFLT; S.O. LPIC = 5123
Resale or Centrex	TNS	Telephone Numbers	Validate that all telephone numbers in the TNS fields in the Service Details section on the Resale or Centrex form requiring inward activity are addressed on the Service Order.
	FA/ FEATURE	Feature Activity/Feature Codes	When the FA = N, T, V Validate line and feature USOCs provided in the FEATURE field on the Resale or Centrex form are addressed with "I" and/or "T" action lines on the Service Order. <i>Note:</i> Comparison will be based on the USOCs associated with line and feature activity listed in the PO-20 USOC List posted on Qwest's public website, on the web page containing the current PID www.qwest.com/wholesale/results). Qwest may add USOCs to the list, delete grand-fathered/ discontinued or obsolete USOCs, or update USOCs assigned to listed descriptions by providing notice in the monthly Summary of Notes and updating the list.

PO-20 (Expanded) – Manual Service Order Accuracy (continued)

LSR Service Order Fields Evaluated			
Phase 1 – (Effective with LSRs received beginning May 2004)			
Mechanized comparison of the fields from the Service Order to the LSR:			
Form	LSR Field Code	LSR Field Name	Remarks/Service Order Field:
LS	ECCKT	Exchange Company Circuit ID	Applies to LSRs with ACT = C (only when NC code has not changed, M, or T. ECCKT field on the LS form compared to the CLS field in the Service and Equipment section of the Service Order.
LS/ LSNP	CFA	Connecting Facility Assignment	CFA field on the LS or LSNP forms compared to the CFA field used in CKL1 of the Service Order. (Verbal acceptance of CFA changes will be FOC'd and PIA'd, which will account for the mismatch and eliminate it as an error in the PO-20 calculation.
DL – Directory Listings form (Evaluated only for Local Main Listings)	LTY	Listing Type	LTY = 1 (Listed – appears in DA and the directory.) Validate that there is a LN in the List section of the Service Order. LTY = 2 (Non Listed – appears only in DA.) Validate that there is non listing instructions in the LN field in the List section of the Service Order. Central/Western Region: Validate that the left handed field is NLST and (NON-LIST) is contained in the NLST data field in the List section of the Service order. Eastern Region: Validate that the left handed field is NL and (NON LIST) is contained in the NL data field in the List section of the Service Order. LTY = 3 (Non Pub - does not appear in the directory and telephone number does not appear in DA.) Validate that there is non published instructions in the LN field in the List section of the Service Order. Central/Western Regions: Validate that the left handed field is NP and (NON-PUB) is contained in the NP data field in the List section of the Service Order. Eastern Region: Validate that the left handed field is NP and (NP LODA) or (NP NODA) is contained in the NP data field in the List section of the Service Order.
	TOA	Type of Account	Validate TOA entries (only reviewed when BRO field on DL form is not populated): <ul style="list-style-type: none"> • TOA valid entries are B or RP Validate that there is a semi colon (;) within the LN in the List section of the Service Order. • TOA valid entries are R or BP Validate that there is a comma (,) within the LN in the List section of the Service Order. Exception: When LSR-TOS = 3, TOA review is Not Applicable. Handled by Complex Listing Group. Requires separate Service Order.
	DML	Direct Mail List	DML field = O on DL form; Service Order LN contains (OCLS).
	NOSL	No Solicitation Indicator	Arizona Only NOSL field = Y on DL form; Service Order LN contains (NSOL) (OCLS).

PO-20 (Expanded) – Manual Service Order Accuracy (continued)

LSR Service Order Fields Evaluated			
Phase 1 – (Effective with LSRs received beginning May 2004)			
Mechanized comparison of the fields from the Service Order to the LSR:			
Form	LSR Field Code	LSR Field Name	Remarks/Service Order Field:
	TMKT	Telemarketing	Colorado Only TMKT field = O on DL form; Service Order LN contains (OATD). When both the DML and the TMKT fields are populated, DML validation applies.
	LNLN and LNFN	Listed Name	LNLN and LNFN fields on DL form compared to the LN field in the List section of the Service Order.
	ADI	Address Indicator	ADI = O on DL form; Service Order LA contains (OAD).
	LAPR	Listed Address Number Prefix	LAPR field of the Listing form compared to LA in the List section of the Service Order.
	LANO	Listed Address Number	LANO field of the Listing form compared to LA in the List section of the Service Order.
	LASF	Listed Address Number Suffix	LASF field of the Listing form compared to LA in the List section of the Service Order.
	LASD	Listed Address Street Directional	LASD field of the Listing form compared to LA in the List section of the Service Order.
	LASN	Listed Address Street Name	LASN field of the Listing form compared to LA in the List section of the Service Order.
	LATH	Listed Address Street Type	LATH field of the Listing form compared to LA in the List section of the Service Order.
	LASS	Listed Address Street Directional Suffix	LASS field of the Listing form compared to LA in the List section of the Service Order.
	LALOC	Listed Address Locality	LALOC field of the Listing form compared to LA in the List section of the Service Order.

Phase 2 – No later than Sep 04 results			
LSR-Service Order Fields Evaluated			
Mechanized comparison of the fields from the Service Order to the LSR:			
Form	LSR Field Code	LSR Field Name	Remarks/Service Order Field:
LSR	DSPTCH	Dispatch	Limited to Unbundled Loops where ACT = Z or V only. If DSPTCH field on the LSR form = Y, validate dispatch USOC in the Service and Equipment section of the Service Order.
Centrex	LTC	Line Treatment Code	Applies only to Centrex 21 LTC field numeric value on the Centrex form compared to the data following the CAT field for the Line USOC on the Service Order.
	COS	Class of Service – Qwest Specific	Applies only to Centrex 21. COS field of the Centrex form compared to the CS field in the ID section of the Service Order.

PO-20 (Expanded) – Manual Service Order Accuracy (continued)

Phase 2 – No later than Sep 04 results			
LSR-Service Order Fields Evaluated			
Mechanized comparison of the fields from the Service Order to the LSR:			
Form	LSR Field Code	LSR Field Name	Remarks/Service Order Field:
Resale or Centrex	FEATURE DETAILS	Feature Details	As specified in Appendix A of the 14 State Working PID. Comparison would be based on the fields associated with the USOC list referenced under Feature Activity in Phase 1 above.
Phase 3 – Targeted for 1st Quarter 05			
LSR-Service Order Fields Evaluated			
Mechanized comparison of the fields from the Service Order to the LSR:			
Form	LSR Field Code	LSR Field Name	Remarks/Service Order Field:
Resale or Centrex	BLOCK (Stage 1)	Blocking Type	<p>For each LNUM provided in the Service Detail section of the Resale or Centrex form when BA = E: Note: The BLOCK field may have one or more alpha and/or numeric values per LNUM. This review will only validate based on BA/BLOCK fields and will not address blocking information provided in the "Remark" section on the LSR or the Feature Detail section of the LSR. The values listed below will be considered as follows:</p> <p>If BLOCK contains A, validate FID TBE A is present on the service order floated behind line USOC associated with the TNS for that LNUM.</p> <p>If BLOCK contains B, validate FID TBE B is present on the service order floated behind line USOC associated with the TNS for that LNUM.</p> <p>If BLOCK contains C, validate FID TBE C is present on the service order floated behind line USOC associated with the TNS for that LNUM.</p> <p>If BLOCK contains H, validate FID BLKD is present on the service order floated behind line USOC associated with the TNS for that LNUM.</p>

PO-20 (Expanded) – Manual Service Order Accuracy (continued)

Phase 4 – Date TBD			
LSR-Service Order Fields Evaluated			
Mechanized comparison of the fields from the Service Order to the LSR:			
Form	LSR Field Code	LSR Field Name	Remarks/Service Order Field:
LSR	DFDT	Desired Frame Due Time	Applicable only to orders for Resale and UNE-P (POTS and Centrex 21) DFDT field on the LSR form compared to the FDT field in the Extended ID section of the Service Order.
	DDD	Desired Due Date	DDD field from the last FOC'd LSR compared to the original or last subsequent due date in the Extended ID section on the Service Order when no CFLAG/PIA is present on the FOC. (i.e. Evaluation includes recognition of valid differences between DDD and Service Order based on population of the CFLAG/PIA field on the LSRC (FOC))
DL – Directory Listings form (Evaluated only for Local Main Listings)	LTN	Listed Telephone Number	For Resale and UNE-P (POTS and Centrex 21): LTN field on the Listing form compared to the Main Account Number of the Service Order. For Unbundled Loop: LTN field on the Listing form compared to the TN floated after the LN in the Listing section of the Service Order.
	LNPL	Letter Name Placement	LNPL field on the Listing form = L, validate that LN on the Service Order follows letter placement versus word placement.
Resale or Centrex	FEATURE DETAILS	Feature Details	If CLECs propose additional FIDs for review, Qwest will undertake a feasibility evaluation.
	BLOCK (Stage 2)	Blocking Type	If CLECs identify value in additional Blocking review, Qwest will undertake development. [Requirements to be developed]

Ordering and Provisioning

OP-2 – Calls Answered within Twenty Seconds – Interconnect Provisioning Center

Purpose: Evaluates the timeliness of CLEC access to Qwest's interconnection provisioning center(s) and retail customer access to the Business Office, focusing on the extent calls are answered within 20 seconds.	
Description: Measures the percentage of (Interconnection Provisioning Center or Retail Business Office) calls that are answered by an agent within 20 seconds of the first ring. <ul style="list-style-type: none"> • Includes all calls to the Interconnect Provisioning Center/Retail Business Office during the reporting period, subject to exclusions specified below. • Abandoned calls and busy calls are counted as calls which are not answered within 20 seconds. • First ring is defined as when the customer's call is first placed in queue by the ACD (Automatic Call Distributor). • Answer is defined as when the call is first picked up by the Qwest agent. 	
Reporting Period: One month	Unit of Measure: Percent
Reporting Comparisons: CLEC aggregate and Qwest Retail results	Disaggregation Reporting: Region-wide level.
Formula: $[(\text{Total Calls Answered by Center within 20 seconds}) \div (\text{Total Calls received by Center})] \times 100$	
Exclusions: Time spent in the VRU Voice Response Unit is not counted.	
Product Reporting: Not applicable	Standard: Parity
Availability: Available	Notes:

OP-3 – Installation Commitments Met

<p>Purpose: Evaluates the extent to which Qwest installs services for Customers by the scheduled due date.</p>	
<p>Description: Measures the percentage of orders for which the scheduled due date is met.</p> <ul style="list-style-type: none"> All inward orders (Change, New, and Transfer order types) assigned a due date by Qwest and which are completed/closed during the reporting period are measured, subject to exclusions specified below. Change order types included in this measurement consist of all C orders representing <u>inward activity</u>. Also included are orders with customer-requested due dates longer than the standard interval. Completion date on or before the Applicable Due Date recorded by Qwest is counted as a met due date. The Applicable Due Date is the original due date or, if changed or delayed by the customer, the most recently revised due date, subject to the following: If Qwest changes a due date for Qwest reasons, the Applicable Due Date is the customer-initiated due date, if any, that is (a) subsequent to the original due date and (b) prior to a Qwest-initiated, changed due date, if any. 	
<p>Reporting Period: One month</p>	<p>Unit of Measure: Percent</p>
<p>Reporting Comparisons: CLEC aggregate, individual CLEC and Qwest Retail results</p>	<p>Disaggregation Reporting: Statewide level.</p> <ul style="list-style-type: none"> Results for product/services listed in Product Reporting under “<u>MSA-Type Disaggregation</u>” will be reported according to orders involving: <ul style="list-style-type: none"> OP-3A Dispatches within MSAs; OP-3B Dispatches outside MSAs; and OP-3C No dispatches. Results for products/services listed in Product Reporting under “<u>Zone-type Disaggregation</u>” will be disaggregated according to installations: <ul style="list-style-type: none"> OP-3D In <u>Interval Zone 1</u> areas; and OP-3E In <u>Interval Zone 2</u> areas.
<p>Formula: $\left[\frac{\text{Total Orders completed in the reporting period on or before the Applicable Due Date}}{\text{Total Orders Completed in the Reporting Period}} \right] \times 100$</p>	
<p>Exclusions:</p> <ul style="list-style-type: none"> Disconnect, From (another form of disconnect) and Record order types. Due dates missed for standard categories of customer and non-Qwest reasons. Standard categories of customer reasons are: previous service at the location did not have a customer-requested disconnect order issued, no access to customer premises, and customer hold for payment. Standard categories of non-Qwest reasons are: Weather, Disaster, and Work Stoppage. Records involving official company services. Records with invalid due dates or <u>application dates</u>. Records with invalid completion dates. Records with invalid product codes. Records missing data essential to the calculation of the measurement per the PID. 	

OP – 3 Installation Commitments Met (continued)

Product Reporting:	Standards:
<u>MSA-Type Disaggregation -</u>	
• Resale	
Residential single line service	Parity with retail service
Business single line service	Parity with retail service
Centrex	Parity with retail service
Centrex 21	Parity with retail service
DS0 (non-designed provisioning)	Parity with retail service
PBX Trunks (non-designed provisioning)	Parity with retail service
Primary ISDN (non-designed provisioning)	Parity with retail service
Basic ISDN (non-designed provisioning)	Parity with retail service
Qwest DSL (non-designed provisioning)	Parity with retail service
• Unbundled Network Element – Platform (UNE-P) (POTS)	Parity with like retail service
• Unbundled Network Element – Platform (UNE-P) (Centrex 21)	Parity with retail Centrex 21
• Unbundled Network Element – Platform (UNE-P) (Centrex)	Parity with retail Centrex
• Line Splitting	95%
• Loop Splitting ^{NOTE 1}	Diagnostic
• Line Sharing	95%
• Sub-Loop Unbundling	CO: 90%
	All Other States: Diagnostic
<u>Zone-Type Disaggregation -</u>	
• Resale	
Primary ISDN (designed provisioning)	Parity with retail service
Basic ISDN (designed provisioning)	Parity with retail service
DS0 (designed provisioning)	Parity with retail service
DS1	Parity with retail service
PBX Trunks (designed provisioning)	Parity with retail service
Qwest DSL (designed provisioning)	Parity with retail service
DS3 and higher bit-rate services (aggregate)	Parity with retail service
Frame Relay	Parity with retail service
• LIS Trunks	Parity with Feature Group D (aggregate)
• Unbundled Dedicated Interoffice Transport (UDIT)	
UDIT – DS1 level	Parity with retail DS1 Private Line
UDIT – Above DS1 level	Parity with retail Private Lines above DS1 level
Dark Fiber – IOF	Diagnostic
• Unbundled Loops:	
Analog Loop	90%
Non-loaded Loop (2-wire)	90%
Non-loaded Loop (4-wire)	Parity with retail DS1 Private Line
DS1-capable Loop	Parity with retail DS1 Private Line
xDSL-I capable Loop	90%
ISDN-capable Loop	Parity with retail ISDN BRI
ADSL-qualified Loop	90%
Loop types of DS3 and higher bit-rates (aggregate)	Parity with retail DS3 and higher bit-rate Private Line services (aggregate)
Dark Fiber – Loop	Diagnostic
Loops with Conditioning	90%
• E911/911 Trunks	Parity with retail E911/911 Trunks

OP – 3 Installation Commitments Met (continued)

<ul style="list-style-type: none"> Enhanced Extended Loops (EELs) – (DS0 level) 	WA: 90%
	All Other States: Diagnostic
<ul style="list-style-type: none"> Enhanced Extended Loops (EELs) – (DS1 level) 	90%
<ul style="list-style-type: none"> Enhanced Extended Loops (EELs) – (DS3 level) 	WA: 90%
	All Other States: Diagnostic
Availability: Available	Notes: 1. Reporting will begin at the time CLECs order the product, in any quantity, for three consecutive months.

OP-4 – Installation Interval

<p>Purpose: Evaluates the timeliness of Qwest's installation of services for customers, focusing on the average time to install service.</p>	
<p>Description: Measures the average interval (in <u>business days</u>)^{NOTE 1} between the <u>application date</u> and the completion date for service orders accepted and implemented.</p> <ul style="list-style-type: none"> • Includes all inward orders (Change, New, and Transfer order types) assigned a due date by Qwest and which are completed/closed during the reporting period, subject to exclusions specified below. Change order types for additional lines consist of all C orders representing <u>inward activity</u>. • Intervals for each measured event are counted in whole days: the application date is day zero (0); the day following the application date is day one (1). • The Applicable Due Date is the original due date or, if changed or delayed by the customer, the most recently revised due date, subject to the following: If Qwest changes a due date for Qwest reasons, the Applicable Due Date is the customer-initiated due date, if any, that is (a) subsequent to the original due date and (b) prior to a Qwest-initiated, changed due date, if any.^{NOTE 2} • Time intervals associated with customer-initiated due date changes or delays occurring after the Applicable Due Date, as applied in the formula below, are calculated by subtracting the latest Qwest-initiated due date, if any, following the Applicable Due Date, from the subsequent customer-initiated due date, if any.^{NOTE 2} 	
<p>Reporting Period: One month</p>	<p>Unit of Measure: Average Business Days</p>
<p>Reporting Comparisons: CLEC aggregate, individual CLEC and Qwest Retail results</p>	<p>Disaggregation Reporting: Statewide level.</p> <ul style="list-style-type: none"> • Results for product/services listed in Product Reporting under "<u>MSA-Type Disaggregation</u>" will be reported according to orders involving: OP-4A Dispatches within MSAs; OP-4B Dispatches outside MSAs; and OP-4C No dispatches. • Results for products/services listed in Product Reporting under "<u>Zone-type Disaggregation</u>" will be disaggregated according to installations: OP-4D In <u>Interval Zone 1</u> areas; and OP-4E In <u>Interval Zone 2</u> areas.
<p>Formula: $\Sigma[(\text{Order Completion Date}) - (\text{Order Application Date}) - (\text{Time interval between the Original Due Date and the Applicable Date}) - (\text{Time intervals associated with customer-initiated due date changes or delays occurring after the Applicable Due Date})] \div \text{Total Number of Orders Completed in the reporting period}$ </p> <p>Explanation: The average installation interval is derived by dividing the sum of installation intervals for all orders (in business days)^{NOTE 1} by total number of service orders completed in the reporting period.</p>	
<p>Exclusions:</p> <ul style="list-style-type: none"> • Orders with customer requested due dates greater than the current standard interval. • Disconnect, From (another form of disconnect) and Record order types. • Records involving official company services. • Records with invalid due dates or application dates. • Records with invalid completion dates. • Records with invalid product codes. • Records missing data essential to the calculation of the measurement per the PID. 	

OP-4 – Installation Interval (continued)

Product Reporting:	Standards:
MSA-Type Disaggregation -	
• Resale	
Residential single line service	Parity with retail service
Business single line service	Parity with retail service
Centrex	Parity with retail service
Centrex 21	Parity with retail service
DS0 (non-designed provisioning)	Parity with retail service
PBX Trunks (non-designed provisioning)	Parity with retail service
Primary ISDN (non-designed provisioning)	Parity with retail service
Basic ISDN (non-designed provisioning)	Parity with retail service
Qwest DSL (non-designed provisioning)	Parity with retail service
• Unbundled Network Element – Platform (UNE-P) (POTS)	Parity with like retail service
• Unbundled Network Element – Platform (UNE-P) (Centrex 21)	Parity with retail Centrex 21
• Unbundled Network Element – Platform (UNE-P) (Centrex)	Parity with retail Centrex
• Line Splitting	3.3 days
• Loop Splitting ^{NOTE 3}	Diagnostic
• Line Sharing	3.3 days
• Sub-Loop Unbundling	CO: 6 days
	All Other States: Diagnostic
Zone-Type Disaggregation -	
• Resale	
Primary ISDN (designed provisioning)	Parity with retail service
Basic ISDN(designed provisioning)	Parity with retail service
DS0 (designed provisioning)	Parity with retail service
DS1	Parity with retail service
PBX Trunks (designed provisioning)	Parity with retail service
Qwest DSL (designed provisioning)	Parity with retail service
DS3 and higher bit-rate services (aggregate)	Parity with retail service
Frame Relay	Parity with retail service
• LIS Trunks	Parity with Feature Group D (aggregate)
• Unbundled Dedicated Interoffice Transport (UDIT)	
UDIT – DS1 level	Parity with DS1 Private Line Service
UDIT – Above DS1 level	Parity with Private Lines above DS1 level
Dark Fiber – IOF	Diagnostic
• Unbundled Loops:	
Analog Loop	6 days
Non-loaded Loop (2-wire)	6 days
Non-loaded Loop (4-wire)	Parity with retail DS1 Private Line
DS1-capable Loop	Idaho, Iowa, Montana, Nebraska, North Dakota, Oregon, Wyoming: Parity with retail DS1 Private Line
	Arizona, Colorado, Minnesota, New Mexico, South Dakota, Utah, Washington: 5.5 days
xDSL-I capable Loop	6 days
ISDN-capable Loop	Parity with retail ISDN BRI
ADSL-qualified Loop	6 days
Loop types of DS3 and higher bit-rates (aggregate)	Parity with retail DS3 and higher bit-rate services (aggregate)

OP-4 – Installation Interval (continued)

Dark Fiber – Loop	Diagnostic
Loops with Conditioning	15 days
• E911/911 Trunks	Parity with retail E911/911 Trunks
• Enhanced Extended Loops (EELs) – (DS0 level)	Diagnostic
• Enhanced Extended Loops (EELs) – (DS1 level)	6 days
• Enhanced Extended Loops (EELs) – (DS3 level)	Diagnostic
Availability: Available	Notes: <ol style="list-style-type: none"> 1. For OP-4C, Saturday is counted as a business day for all orders for Resale Residence, Resale Business, and UNE-P (POTS), as well as for the retail analogues specified above as standards. For all other products under OP-4C and for all products under OP-4A, -4B, -4D, and -4E. Saturday is counted as a business day when the service order is due or completed on Saturday. 2. According to this definition, the Applicable Due Date can change, per successive customer-initiated due date changes or delays, up to the point when a Qwest-initiated due date change occurs. At that point, the Applicable Due Date becomes fixed (i.e., with no further changes) as the date on which it was set prior to the first Qwest-initiated due date change, if any. Following the first Qwest-initiated due date change, any further customer-initiated due date changes or delays are measured as time intervals that are subtracted as indicated in the formula. These delay time intervals are calculated as stated in the description. (Though infrequent, in cases where multiple Qwest-initiated due date changes occur, the stated method for calculating delay intervals is applied to each pair of Qwest-initiated due date change and subsequent customer-initiated due date change or delay. The intervals thus calculated from each pairing of Qwest and customer-initiated due dates are summed and then subtracted as indicated in the formula.) The result of this approach is that Qwest-initiated impacts on intervals are counted in the reported interval, and customer-initiated impacts on intervals are not counted in the reported interval. 3. Reporting will begin at the time CLECs order the product, in any quantity, for three consecutive months.

OP-5 – New Service Quality

Purpose:

Evaluates the quality of ordering and installing new services (inward line service orders), focusing on the percentage of newly-installed service orders that are free of CLEC/customer-initiated trouble reports during the provisioning process and within 30 calendar days following installation completion, and focusing on the quality of Qwest's resolution of such conditions with respect to multiple reports.

Description:

Measures two components of new service provisioning quality (OP-5A and -5B) and also reports a combined result (OP-5T), as described below, each as a percentage of all inward line service orders completed in the reporting period that are free of CLEC/customer-reported provisioning and repair trouble reports, as described below. Also measures the percentage of all provisioning and repair trouble reports that constitute multiple trouble reports for the affected service orders. (OP-5R)

- Orders for new services considered in calculating all components of this performance indicator are all inward line service orders completed in the reporting period, including Change (C-type) orders for additional lines/circuits, subject to exclusions shown below. Change order types considered in these measurements consist of all C orders representing inward activity.^{NOTE 1}
- Orders for new service installations include conversions (Retail to CLEC, CLEC to CLEC, and same CLEC converting between products).
- Provisioning or repair trouble reports include both out of service and other service affecting conditions, such as features on a line that are missing or do not function properly upon conversion, subject to exclusions shown below.

OP-5A: New Service Installation Quality Reported to Repair

- Measures the percentage of inward line service orders that are free of repair trouble reports^{NOTE 2} within 30 calendar days of installation completion, subject to exclusions below.
- Repair trouble reports are defined as CLEC/customer notifications to Qwest of out-of-service and other service affecting conditions for which Qwest opens repair tickets in its maintenance and repair management and tracking systems^{NOTE 3} that are closed in the reporting period or the following month,^{NOTE 4} subject to exclusions shown below.^{NOTE 5}
- Qwest is able to open repair tickets for repair trouble reports received from CLECs/customers once the service order is completed in Qwest's systems.

OP-5B: New Service Provisioning Quality

- Measures the percentage of inward line service orders that are free of provisioning trouble reports during the provisioning process and within 30 calendar days of installation completion, subject to exclusions shown below.
- Provisioning trouble reports are defined as CLEC notifications to Qwest of out of service or other service affecting conditions that are attributable to provisioning activities, including but not limited to LSR/service order mismatches and conversion outages. For provisioning trouble reports, Qwest creates call center tickets in its call center database. Subject to exclusions shown below, call center tickets closed in the reporting period or the following month^{NOTE 4} are captured in this measurement. Call center tickets closed to Network reasons will not be counted in OP-5B when a repair trouble report for that order is captured in OP-5A.^{NOTE 5, 6}

OP-5T: New Service Installation Quality Total

- Measures the percentage of inward line service orders that are free of repair or provisioning trouble reports during the provisioning process and within 30 calendar days of installation completion, subject to exclusion shown below.

OP-5R: New Service Quality Multiple Report Rate

- Evaluates the quality of Qwest's responses to repair and provisioning trouble reports for inward line service orders completed in the reporting period. This measurement reports, for those service orders that were *not* free of repair or provisioning trouble reports in OP-5A or OP-5B, the percentage of trouble reports affecting the same service orders that were followed by additional repair and provisioning trouble reports, as specified below.
- Measures the percentage of all repair and provisioning trouble reports considered in OP-5A and OP-5B that are additional repair or provisioning trouble reports received by Qwest for the same service order during the provisioning process or within 30 calendar days following installation

OP- 5 – New Service Quality (continued)

<p>completion.</p> <ul style="list-style-type: none"> Additional repair or provisioning trouble reports are defined as all such reports that are received following the first report (whether the first report is represented by a call center ticket or a repair ticket) relating to the same service order during the provisioning process or within 30 calendar days following installation completion. In all cases, the trouble reports counted are those that are defined for OP-5A and OP-5B above. ^{NOTE 7} 	
<p>Reporting Period: <u>One month</u>, reported in arrears (i.e., results first appear in reports one month later than results for measurements that are not reported in arrears), in order to cover the 30-day period following installation.</p>	<p>Unit of Measure: Percent</p>
<p>Reporting Comparisons: CLEC aggregate, individual CLEC and Qwest Retail results</p>	<p>Disaggregation Reporting: Statewide level</p>
<p>Formulas:</p> <p>OP-5A = (Number inward line service orders completed in the reporting period – Number of inward line service orders with any <u>repair trouble reports</u> as specified above) ÷ (Number of inward line service orders completed in the reporting period) x 100</p> <p>OP-5B = (Number of inward line service orders completed in the reporting period – Number of inward line service orders with any <u>provisioning trouble reports</u> as specified above) ÷ (Number of inward line service orders completed in the reporting period) x 100</p> <p>OP-5T = ((Number of inward line service orders completed in the reporting period] – Number of inward line service orders with <u>repair or provisioning trouble reports as defined above under OP-5A or OP-5B, as applicable</u>) ÷ (Number of inward line service orders completed in the reporting period) x 100</p> <p>OP-5R = (Number of all repair and provisioning trouble reports, relating to inward line service orders closed in the reporting period as defined above under OP-5A or OP-5B, that constitute additional repair and provisioning trouble reports, within 30 calendar days following the installation date ÷ Number of all repair and provisioning trouble reports relating to inward line service orders closed in the reporting period, as defined above under OP-5A or OP-5B) x 100</p>	
<p>Exclusions:</p> <p><u>Applicable to OP-5A, OP-5T and OP-5R:</u></p> <ul style="list-style-type: none"> Repair trouble reports attributable to CLEC or coded to non-Qwest reasons as follows: <ul style="list-style-type: none"> For products measured from MTAS data, repair trouble reports coded to disposition codes for: <ul style="list-style-type: none"> Customer Action; Non-Telco Plant; Trouble Beyond the Network Interface; and Miscellaneous – Non-Dispatch, non-Qwest (includes CPE, Customer Instruction, Carrier, Alternate Provider); and Reports from other than the CLEC/customer that result in a charge if dispatched. For products measured from WFA (Workforce Administration) data, repair reports coded to codes for: <ul style="list-style-type: none"> Carrier Action (IEC); Customer Provided Equipment (CPE); Commercial power failure; Customer requested service order activity; and Other non-Qwest. Repair reports coded to disposition codes for referral to another department (i.e., for non-repair ticket resolutions of non-installation-related problems, except cable cuts, which are not excluded). <p><u>Applicable to OP-5B, OP-5T and OP-5R only:</u></p> <ul style="list-style-type: none"> Provisioning trouble reports attributable to CLEC or non-Qwest causes. Call center tickets relating to activities that occur as part of the normal process of conversion (i.e., while Qwest is actively and properly engaged in process of converting or installing the service). Provisioning trouble reports involving service orders that, at the time of the calls, have fallen out for manual handling and been disassociated from the related service order, as applicable, will be considered as not in the normal process of conversion and will not be excluded. <p><u>Applicable to OP-5A, OP-5B, OP-5T and OP-5R:</u></p> <ul style="list-style-type: none"> Repair or provisioning trouble reports related to service orders captured as misses under measurements OP-13 (Coordinated Cuts Timeliness) or OP-17 (LNP Timeliness). Subsequent repair or provisioning trouble reports of any trouble on the installed service before the original repair or provisioning trouble report is closed. Service orders closed in the reporting period with App Dates earlier than eight months prior to the 	

OP- 5 – New Service Quality (continued)

beginning of the reporting period.

- Information tickets generated for internal Qwest system/network monitoring purposes.
- Disconnect, From (another form of disconnect) and Record order types. When out of service or service affecting problems are reported to the call center on conversion and move requests, the resulting call center ticket will be included in the calculation of the numerator in association with the related inward order type even when the call center ticket reflects the problem was caused by the Disconnect or From order.
- Records involving official Qwest company services.

Records missing data essential to the calculation of the measurement as defined herein.

Product Reporting Categories:

- As specified below – one percentage result reported for each bulleted category under the sub-measurements shown.

Standards:

- OP-5A:** Parity with retail service
- OP-5B:** Diagnostic for six months following first reporting. After six months Benchmark (TBD)
- OP-5T:** Diagnostic
- OP-5R:** Diagnostic for six months following first reporting. Possible standard (TBD)

(Where parity comparisons involve multiple service varieties in a product category, weighting based on the retail analogue volumes may be used if necessary to create a comparison that is not affected by different proportions of wholesale and retail analogue volumes in the same reporting category.)

OP- 5 – New Service Quality (continued)

Product Reporting:		Standards:	
Reported under OP-5A, OP-5B, OP-5T and OP-5R: (Product categories may be combined as agreed upon by the parties in Long-Term PID Administration.)			
	<u>OP-5A</u>	<u>OP-5B</u>	<u>OP-5T & OP-5R</u>
Resale			
Residential single line service	Parity with retail service	6 mo. Diagnostic; Benchmark TBD	Diagnostic
Business single line service	Parity with retail service	6 mo. Diagnostic; Benchmark TBD	Diagnostic
Centrex	Parity with retail service	6 mo. Diagnostic; Benchmark TBD	Diagnostic
Centrex 21	Parity with retail service	6 mo. Diagnostic; Benchmark TBD	Diagnostic
PBX Trunks	Parity with retail service	6 mo. Diagnostic; Benchmark TBD	Diagnostic
Basic ISDN	Parity with retail service	6 mo. Diagnostic; Benchmark TBD	Diagnostic
Qwest DSL	Parity with retail service	6 mo. Diagnostic; Benchmark TBD	Diagnostic
Primary ISDN	Parity with retail service	6 mo. Diagnostic; Benchmark TBD	Diagnostic
DS0	Parity with retail service	6 mo. Diagnostic; Benchmark TBD	Diagnostic
DS1	Parity with retail service	6 mo. Diagnostic; Benchmark TBD	Diagnostic
DS3 and higher bit-rate services (aggregate)	Parity with retail service	6 mo. Diagnostic; Benchmark TBD	Diagnostic
Frame Relay	Parity with retail service	6 mo. Diagnostic; Benchmark TBD	Diagnostic
• Unbundled Network Element – Platform (UNE-P) (POTS)	Parity with like retail service	6 mo. Diagnostic; Benchmark TBD	Diagnostic
• Unbundled Network Element – Platform (UNE-P) (Centrex 21)	Parity with retail Centrex 21	6 mo. Diagnostic; Benchmark TBD	Diagnostic
• Unbundled Network Element – Platform (UNE-P) (Centrex)	Parity with retail Centrex	6 mo. Diagnostic; Benchmark TBD	Diagnostic
Line Splitting	Parity with retail Qwest DSL	Diagnostic	Diagnostic
Loop Splitting ^{NOTE 8}	Diagnostic	Diagnostic	Diagnostic
Line Sharing	Parity with retail RES & BUS POTS	6 mo. Diagnostic; Benchmark TBD	Diagnostic
Sub-Loop Unbundling	Diagnostic	Diagnostic	Diagnostic
Unbundled Loops:			
Analog Loop	Parity with retail Res & Bus POTS with dispatch	6 mo. Diagnostic; Benchmark TBD	Diagnostic
Non-loaded Loop (2-wire)	Parity with retail ISDN BRI	6 mo. Diagnostic; Benchmark TBD	Diagnostic
Non-loaded Loop (4-wire)	Parity with retail DS1	6 mo. Diagnostic; Benchmark TBD	Diagnostic
DS1-capable Loop	Parity with retail DS1	6 mo. Diagnostic; Benchmark TBD	Diagnostic
xDSL-I capable Loop	Parity with retail Qwest DSL	Diagnostic	Diagnostic
ISDN-capable Loop	Parity with retail ISDN BRI	6 mo. Diagnostic; Benchmark TBD	Diagnostic
ADSL-qualified Loop	Parity with retail Qwest DSL with dispatch	6 mo. Diagnostic; Benchmark TBD	Diagnostic
Loop types of DS3 and higher bit-rates (aggregate)	Parity with retail DS3 and higher bit-rate services (aggregate)	6 mo. Diagnostic; Benchmark TBD	Diagnostic
Dark Fiber - Loop	Diagnostic	Diagnostic	Diagnostic

OP- 5 – New Service Quality (continued)

• Enhanced Extended Loops (EELs) – (DS0 level)	Diagnostic until volume criteria are met	Diagnostic until volume criteria are met	Diagnostic
• Enhanced Extended Loops (EELs) – (DS1 level)	Parity with retail DS1 Private Line	6 mo. Diagnostic; Benchmark TBD	Diagnostic
• Enhanced Extended Loops (EELs) – (above DS1 level)	Diagnostic until volume criteria are met	Diagnostic until volume criteria are met	Diagnostic
Reported under OP-5A and under OP-5R (per OP-5A specifications):			
	OP-5A	OP-5R	
• LIS Trunks	Parity with Feature Group D (aggregate)	Diagnostic	
Unbundled Dedicated Interoffice Transport (UDIT)			
UDIT (DS1 Level)	Parity with Retail Private Lines (DS1)	Diagnostic	
UDIT (Above DS1 Level)	Parity with Retail Private Lines (Above DS1 level)	Diagnostic	
Dark Fiber - IOF	Diagnostic	Diagnostic	
• E911/911 Trunks	Parity with Retail E911/911 Trunks	Diagnostic	
Availability: Available	Notes: <ol style="list-style-type: none"> 1. The specified Change order types representing inward activity exclude Change orders that do not involve installation of lines (in both wholesale and retail results). Specifically this measurement does not include changes to existing lines, such as number changes and PIC changes. 2. Including consideration of repeat repair trouble reports (i.e., additional reports of trouble related to the same newly-installed line/circuit that are received after the preceding repair report is closed and within 30 days following installation completion) to complete the determination of whether the newly-installed line/circuit was trouble free within 30 days of installation. 3. Qwest's repair management and tracking systems consist of WFA (Work Force Administration), MTAS (Maintenance Tracking and Administration System), and successor repair systems, if any, as applicable to obtain the repair report data for this measurement. Not included are Call Center Database systems supporting call centers in logging calls from customers regarding problems or other inquiries (see OP-5B and OP-5T). 4. The "following month" includes also the period of a few <u>business days</u> (typically four or five) afterward, up to the time when Qwest pulls the repair data to begin processing results for this measurement. 5. Includes repair and provisioning trouble reports generated by new processes that supersede or supplement existing processes for submitting repair and provisioning trouble reports as specified in Qwest's documented or agreed upon procedures. 6. For purposes of calculating OP-5B, a call center ticket for multiple orders with provisioning trouble reports will result in all orders reporting trouble counting as a miss in OP-5B. If a repair trouble report(s) is received for the same orders, the number of orders counted as a miss in OP-5B for Network reasons will be reduced by the number of orders with repair troubles counted as a miss in OP-5A. 7. OP-5R will be counted on a per ticket basis. 8. Reporting will begin at the time CLECs order the product, in any quantity, for three consecutive months. 		

OP-6 – Delayed Days

Purpose:

Evaluates the extent Qwest is late in installing services for customers, focusing on the average number of days that late orders are completed beyond the committed due date.

Description:

OP-6A – Measures the average number of business days ^{NOTE 1} that service is delayed beyond the Applicable Due Date for non-facility reasons attributed to Qwest.

- Includes all inward orders (Change, New, and Transfer order types) that are completed/closed during the reporting period, later, due to non-facility reasons, than the Applicable Due Date recorded by Qwest, subject to exclusions specified below.

OP-6B – Measures the average number of business days ^{NOTE 1} that service is delayed beyond the Applicable Due Date for facility reasons attributed to Qwest.

- Includes all inward orders (Change, New, and Transfer order types) that are completed/closed during the reporting period later due to facility reasons than the original due date recorded by Qwest, subject to exclusions specified below.

For both OP-6A and OP-6B:

- Change order types for additional lines consist of “C” orders representing inward activity.
- The Applicable Due Date is the original due date or, if changed or delayed by the customer, the most recently revised due date, subject to the following: If Qwest changes a due date for Qwest reasons, the Applicable Due Date is the customer-initiated due date, if any, that is (a) subsequent to the original due date and (b) prior to a Qwest-initiated, changed due date, if any. ^{NOTE 2}
- Time intervals associated with customer-initiated due date changes or delays occurring after the Applicable Due Date, as applied in the formula below, are calculated by subtracting the latest Qwest-initiated due date, if any, following the Applicable Due Date, from the subsequent customer-initiated due date, if any. ^{NOTE 2}

Reporting Period: One month

Unit of Measure: Average Business Days

Reporting Comparisons:
CLEC aggregate, individual CLEC and Qwest Retail results

Disaggregation Reporting: Statewide level.

- Results for products/services listed under Product Reporting under “MSA-type Disaggregation” will be reported for OP-6A and OP-6B according to orders involving:
 1. Dispatches within MSAs;
 2. Dispatches outside MSAs; and
 3. No dispatches.
- Results for products/services listed in Product Reporting under “Zone-type Disaggregation” will be disaggregated according to installations:
 4. In Interval Zone 1 areas; and
 5. In Interval Zone 2 areas.

Formula:

OP-6A = $\frac{\sum[(\text{Actual Completion Date of late order for non-facility reasons}) - (\text{Applicable Due Date of late order}) - (\text{Time intervals associated with customer-initiated due date changes or delays occurring after the Applicable Due Date})]}{(\text{Total Number of Late Orders for non-facility reasons completed in the reporting period})}$

OP-6B = $\frac{\sum[(\text{Actual Completion Date of late order for facility reasons}) - (\text{Applicable Due Date of late order}) - (\text{Time intervals associated with customer-initiated due date changes or delays occurring after the Applicable Due Date})]}{(\text{Total Number of Late Orders for facility reasons completed in the reporting period})}$

OP- 6 – Delayed Days (continued)

Exclusions:	
<ul style="list-style-type: none"> • Orders affected only by delays that are solely for customer and/or CLEC reasons. • Disconnect, From (another form of disconnect) and Record order types. • Records involving official company services. • Records with invalid due dates or <u>application dates</u>. • Records with invalid completion dates. • Records with invalid product codes. • Records missing data essential to the calculation of the measurement per the PID. 	
Product Reporting:	Standards:
MSA-Type Disaggregation -	
• Resale	
Residential single line service	Parity with retail service
Business single line service	Parity with retail service
Centrex	Parity with retail service
Centrex 21	Parity with retail service
DS0 (non-designed provisioning)	Parity with retail service
PBX Trunks (non-designed provisioning)	Parity with retail service
Primary ISDN (non-designed provisioning)	Parity with retail service
Basic ISDN (non-designed provisioning)	Parity with retail service
Qwest DSL (non-designed provisioning)	Parity with retail service
• Unbundled Network Element – Platform (UNE-P) (POTS)	Parity with like retail service
• Unbundled Network Element – Platform (UNE-P) (Centrex 21)	Parity with retail Centrex 21
• Unbundled Network Element – Platform (UNE-P) (Centrex)	Parity with retail Centrex
• Line Splitting	Parity with retail Qwest DSL
• Loop Splitting ^{NOTE 3}	Diagnostic
• Line Sharing	Parity with retail Qwest DSL
• Sub-Loop Unbundling	Diagnostic
Zone-type Disaggregation -	
• Resale	
Primary ISDN (designed provisioning)	Parity with retail service
Basic ISDN (designed provisioning)	Parity with retail service
DS0 (designed provisioning)	Parity with retail service
DS1	Parity with retail service
PBX Trunks (designed provisioning)	Parity with retail service
Qwest DSL (designed provisioning)	Parity with retail service
DS3 and higher bit-rate services (aggregate)	Parity with retail service
Frame Relay	Parity with retail service
• LIS Trunks	Parity with Feature Group D (aggregate)
• Unbundled Dedicated Interoffice Transport (UDIT)	
UDIT – DS1 level	Parity with retail DS1 Private Line- Service
UDIT – Above DS1 level	Parity with retail Private Line- Services above DS1 level
Dark Fiber – IOF	Diagnostic
• Unbundled Loops:	
Analog Loop	Parity with retail Res and Bus POTS with dispatch
Non-loaded Loop (2-wire)	Parity with retail ISDN BRI
Non-loaded Loop (4-wire)	Parity with retail DS1 Private Line
DS1-capable Loop	Parity with retail DS1 Private Line
xDSL-I capable Loop	Parity with retail Qwest DSL, with dispatch
ISDN-capable Loop	Parity with retail ISDN BRI
ADSL-qualified Loop	Parity with retail Qwest DSL, with dispatch

OP- 6 – Delayed Days (continued)

Loop types of DS3 and higher bit-rates (aggregate)	Parity with retail DS3 and higher bit-rate Private Line services (aggregate)
Dark Fiber – Loop	Diagnostic
• E911/911 Trunks	Parity with retail E911/911 Trunks
• Enhanced Extended Loops (EELs) – (DS0 level)	Diagnostic
• Enhanced Extended Loops (EELs) – (DS1 level)	OP-6A: Parity with retail DS1 Private Line OP-6B: Diagnostic
• Enhanced Extended Loops (EELs) – (DS3 level)	Diagnostic
Availability: Available	<p>Notes:</p> <ol style="list-style-type: none"> 1. For OP-6A-3 and OP-6B-3, Saturday is counted as a business day for all orders for Resale Residence, Resale Business, and UNE-P (POTS), as well as for the retail analogues specified above as standards. For all other products under OP-6A-3 and OP-6B-3, and for all products under OP-6A-1, -6A-2, -6A-4, -6A-5, -6B-1, -6B-2, -6B-4, and -6B-5, Saturday is counted as a business day when the service order is due or completed on Saturday. 2. According to this definition, the Applicable Due Date can change, per successive customer-initiated due date changes or delays, up to the point when a Qwest-initiated due date change occurs. At that point, the Applicable Due Date becomes fixed (i.e., with no further changes) as the date on which it was set prior to the first Qwest-initiated due date change, if any. Following the first Qwest-initiated due date change, any further customer-initiated due date changes or delays are measured as time intervals that are subtracted as indicated in the formula. These delay time intervals are calculated as stated in the description. (Though infrequent, in cases where multiple Qwest-initiated due date changes occur, the stated method for calculating delay intervals is applied to each pair of Qwest-initiated due date change and subsequent customer-initiated due date change or delay. The intervals thus calculated from each pairing of Qwest and customer-initiated due dates are summed and then subtracted as indicated in the formula.) The result of this approach is that Qwest-initiated impacts on intervals are counted in the reported interval, and customer-initiated impacts on intervals are not counted in the reported interval. 3. Reporting will begin at the time CLECs order the product, in any quantity, for three consecutive months.

OP-7 – Coordinated “Hot Cut” Interval – Unbundled Loop

Purpose: Evaluates the duration of completing coordinated “hot cuts” of unbundled loops, focusing on the time actually involved in disconnecting the loop from the Qwest network and connecting/testing the loop.	
Description: Measures the average time to complete coordinated “hot cuts” for unbundled loops, based on intervals beginning with the “lift” time and ending with the completion time of Qwest’s applicable tests for the loop. <ul style="list-style-type: none"> • Includes all coordinated hot cuts of unbundled loops that are completed/closed during the reporting period, subject to exclusions specified below. • “Hot cut” refers to moving the service of existing customers from Qwest’s switch/frames to the CLEC’s equipment, via unbundled loops, that will serve the customers. • “Lift” time is defined as when Qwest disconnects the existing loop. • “Completion time” is defined as when Qwest completes the applicable tests after connecting the loop to the CLEC. 	
Reporting Period: One month	Unit of Measure: Hours and Minutes
Reporting Comparisons: CLEC aggregate and individual CLEC results	Disaggregation Reporting: Statewide level.
Formula: $\frac{\sum[\text{Completion time} - \text{Lift time}]}{\text{(Total Number of unbundled loops with coordinated cutovers completed in the reporting period)}}$	
Exclusions: <ul style="list-style-type: none"> • Time intervals associated with CLEC-caused delays. • Records missing data essential to the calculation of the measurement per the PID. • Invalid start/stop dates/times or invalid scheduled date/times. 	
Product Reporting: Coordinated Unbundled Loops – Reported separately for: <ul style="list-style-type: none"> • Analog Loops • All other Loop Types 	Standard: CO: 1 hour All Other States: Diagnostic in light of OP-13 (Coordinated Cuts On Time)
Availability: <p style="text-align: center;">Available</p>	Notes:

OP-8 – Number Portability Timeliness

Purpose: Evaluates the timeliness of cutovers of local number portability (LNP).	
Description: OP-8B – LNP Timeliness with Loop Coordination (percent): Measures the percentage of coordinated LNP triggers set prior to the scheduled start time for the loop. <ul style="list-style-type: none"> All orders for LNP coordinated with unbundled loops that are completed/closed during the reporting period are measured, subject to exclusions specified below. OP-8C – LNP Timeliness without Loop Coordination (percent): Measures the percentage of LNP triggers set prior to the Frame Due Time or scheduled start time for the LNP cutover as applicable. <ul style="list-style-type: none"> All orders for LNP for which coordination with a loop was not requested that are completed/closed during the reporting period are measured (including standalone LNP coordinated with other than Qwest-provided Unbundled Loops and non-coordinated, standalone LNP), subject to exclusions specified below. For purposes of these measurements (OP-8B and -8C), “trigger” refers to the “10-digit unconditional trigger” or Line Side Attribute (LSA) that is set or translated by Qwest. “Scheduled start time” is defined as the confirmed appointment time (as stated on the FOC), or a newly negotiated time. In the case of LNP cutovers coordinated with loops, the scheduled time used in this measurement will be no later than the “lay” time for the loop. 	
Reporting Period: One month	Unit of Measure: Percent of triggers set on time
Reporting Comparisons: CLEC aggregate and individual CLEC results	Disaggregation Reporting: Statewide level.
Formula: $OP-8B = \frac{\text{[(Number of LNP triggers set before the scheduled time for the coordinated loop cutover)]}}{\text{[(Total Number of LNP activations coordinated with unbundled loops completed)]}} \times 100$ $OP-8C = \frac{\text{[(Number of LNP triggers set before the Frame Due Time or Scheduled Start Time)]}}{\text{[(Total Number of LNP activations without loop cutovers completed)]}} \times 100$	
Exclusions: <ul style="list-style-type: none"> CLEC-caused delays in trigger setting. LNP requests that do not involve automatic triggers (e.g., DID lines without separate, unique telephone numbers and Centrex 21). LNP requests for which the records used as sources of data for these measurements have the following types of errors: <ul style="list-style-type: none"> Records with no PON (purchase order number) or STATE. Records where triggers cannot be set due to switch capabilities. Records with invalid due dates, <u>application dates</u>, or start dates. Records with invalid completion dates. Records missing data essential to the calculation of the measurement per the PID. Invalid start/stop dates/times or invalid frame due or scheduled date/times. 	
Product Reporting: None	Standard: 95%
Availability: Available	Notes:

OP-13– Coordinated Cuts On Time – Unbundled Loop

Purpose:

Evaluates the percentage of coordinated cuts of unbundled loops that are completed on time, focusing on cuts completed within one hour of the committed order due time and the percent that were started without CLEC approval.

Description:

- Includes all LSRs for coordinated cuts of unbundled loops that are completed/closed during the reporting period, subject to exclusions specified below.
 - OP-13A – Measures the percentage of LSRs (CLEC orders) for all coordinated cuts of unbundled loops that are started and completed on time. For coordinated loop cuts to be counted as “on time” in this measurement, the CLEC must agree to the start time, and Qwest must (1) receive verbal CLEC approval before starting the cut or lifting the loop, (2) complete the physical work and appropriate tests, (3) complete the Qwest portion of any associated LNP orders and (4) call the CLEC with completion information, all within one hour of the time interval defined by the committed order due time.
 - OP-13B – Measures the percentage of all LSRs for coordinated cuts of unbundled loops that are actually started without CLEC approval.
 - “Scheduled start time” is defined as the confirmed appointment time (as stated on the FOC), or a newly negotiated appointment time.
 - The “committed order due time” is based on the number and type of loops involved in the cut and is calculated by adding the applicable time interval from the following list to the scheduled start time:
 - Analog unbundled loops:
 - 1 to 16 lines: 1 Hour
 - 17 to 24 lines: 2 Hours
 - 25+ lines: Project*
 - All other unbundled loops:
 - 1 to 5 lines: 1 Hour
 - 6 to 8 lines: 2 Hours
 - 9 to 11 lines: 3 Hours
 - 12 to 24 lines: 4 Hours
 - 25+ lines: Project*
- *For Projects scheduled due dates and scheduled start times will be negotiated between CLEC and Qwest, but no committed order due time is established. Therefore, projects are not included in OP-13A (see exclusion below).
- “Stop” time is defined as when Qwest notifies the CLEC that the Qwest physical work and the appropriate tests have been successfully accomplished, including the Qwest portion of any coordinated LNP orders.
 - Time intervals following the scheduled start time or during the cutover process associated with customer-caused delays are subtracted from the actual cutover duration.
 - Where Qwest’s records of completed coordinated cut transactions are missing evidence of CLEC approval of the cutover, the cut will be counted as a miss under both OP-13A and OP-13B.

Reporting Period: One month

Unit of Measure: Percent

Reporting Comparisons: CLEC aggregate and individual CLEC results

Disaggregation Reporting: Statewide level.
Results for this measurement will be reported according to:
OP-13A Cuts Completed On Time
OP-13B Cuts Started Without CLEC Approval

OP-13– Coordinated Cuts On Time – Unbundled Loop (continued)

<p>Formula:</p> <p>OP-13A = $[(\text{Count of LSRs for Coordinated Unbundled Loop cuts completed "On Time"}) \div (\text{Total Number of LSRs for Coordinated Unbundled Loop Cuts completed in the reporting period})] \times 100$</p> <p>OP-13B = $[(\text{Count of LSRs for Coordinated Unbundled Loop cuts whose actual start time occurs without CLEC approval}) \div (\text{Total Number of LSRs for Coordinated Unbundled Loop Cuts completed in the reporting period})] \times 100$</p>	
<p>Exclusions:</p> <p>Applicable to OP-13A:</p> <ul style="list-style-type: none"> • Loop cuts that involve CLEC-requested non-standard methodologies, processes, or timelines. <p>OP-13A & OP-13B:</p> <ul style="list-style-type: none"> • Records with invalid completion dates. • Records missing data essential to the calculation of the measurement per the PID which are not otherwise designated to be "counted as a miss". • Invalid start/stop dates/times or invalid scheduled date/times. • Projects involving 25 or more lines. 	
<p>Product Reporting: Coordinated Unbundled Loops – Reported separately for:</p> <ul style="list-style-type: none"> • Analog Loops • All Other Loops 	<p>Standards:</p> <p>OP-13A:</p> <p>AZ: 90 Percent or more</p> <p>All Other States: 95 Percent or more</p> <p>OP-13B: Diagnostic</p>
<p>Availability:</p> <p style="text-align: center;">Available</p>	<p>Notes:</p>

OP-15– Interval for Pending Orders Delayed Past Due Date

<p>Purpose: Evaluates the extent to which Qwest’s pending orders are late, focusing on the average number of days the pending orders are delayed past the Applicable Due Date, as of the end of the reporting period.</p>	
<p>Description: OP-15A – Measures the average number of <u>business days</u> that pending orders are delayed beyond the Applicable Due Date for reasons attributed to Qwest.</p> <ul style="list-style-type: none"> ▪ Includes all pending inward orders (Change, New, and Transfer order types) for which the Applicable Due Date recorded by Qwest has been missed, subject to exclusions specified below. Change order types included in this measurement consist of all “C” orders representing <u>inward activity</u>. ▪ The Applicable Due Date is the original due date or, if changed or delayed by the customer, the most recently revised due date, subject to the following: If Qwest changes a due date for Qwest reasons, the Applicable Due Date is the customer-initiated due date, if any, that is (a) subsequent to the original due date and (b) prior to a Qwest-initiated, changed due date, if any. ^{NOTE 1} ▪ Time intervals associated with customer-initiated due date changes or delays occurring after the Applicable Due Date, as applied in the formula below, are calculated by subtracting the latest Qwest-initiated due date, if any, following the Applicable Due Date, from the subsequent customer-initiated due date, if any. ^{NOTE 1} <p>OP-15B – Reports the number of pending orders measured in the numerator of OP-15A that were delayed for Qwest facility reasons.</p>	
<p>Reporting Period: One month</p>	<p>Unit of Measure: OP-15A – Average Business Days ^{NOTE 2} OP-15B – Number of orders pending facilities</p>
<p>Reporting Comparisons: CLEC aggregate, individual CLEC, Qwest retail</p>	<p>Disaggregation Reporting: Statewide</p>
<p>Formula: OP-15A = $\frac{\sum[(\text{Last Day of Reporting Period}) - (\text{Applicable Due Date of Late Pending Order}) - (\text{Time intervals associated with customer-initiated due date changes or delays occurring after the Applicable Due Date})]}{(\text{Total Number of Pending Orders Delayed for Qwest reasons as of the last day of Reporting Period})}$</p> <p>OP-15B = Count of pending orders measured in numerator of OP-15A that were delayed for Qwest facility reasons</p>	
<p>Exclusions:</p> <ul style="list-style-type: none"> • Disconnect, From (another form of disconnect) and Record order types. • Records involving official company services. • Records with invalid due dates or <u>application dates</u>. • Records with invalid product codes. • Records missing data essential to the calculation of the measurement per the PID. 	

OP-15– Interval for Pending Orders Delayed Past Due Date (continued)

Product Reporting:	Standards: OP-15B = diagnostic only For OP-15A:
• Resale	
Residential single line service	Diagnostic (Expectation: Parity with retail service)
Business single line service	Diagnostic (Expectation: Parity with retail service)
Centrex	Diagnostic (Expectation: Parity with retail service)
Centrex 21	Diagnostic (Expectation: Parity with retail service)
PBX Trunk	Diagnostic (Expectation: Parity with retail service)
Basic ISDN	Diagnostic (Expectation: Parity with retail service)
Qwest DSL	Diagnostic (Expectation: Parity with retail service)
Primary ISDN	Diagnostic (Expectation: Parity with retail service)
DS0	Diagnostic (Expectation: Parity with retail service)
DS1	Diagnostic (Expectation: Parity with retail service)
DS3 and higher bit-rate services (aggregate)	Diagnostic (Expectation: Parity with retail service)
Frame Relay	Diagnostic (Expectation: Parity with retail service)
• Unbundled Network Element – Platform (UNE-P) (POTS)	Diagnostic (Expectation: Parity with retail service)
• Unbundled Network Element – Platform (UNE-P) (Centrex 21)	Diagnostic (Expectation: Parity with retail Centrex 21)
• Unbundled Network Element – Platform (UNE-P) (Centrex)	Diagnostic (Expectation: Parity with retail Centrex)
• Line Splitting	Diagnostic (Expectation: Parity with retail Qwest DSL)
• Loop Splitting ^{NOTE 3}	Diagnostic
• Line Sharing	Diagnostic (Expectation: Parity with retail Qwest DSL)
• Sub-Loop Unbundling	Diagnostic
• LIS Trunks	Diagnostic (Expectation: Parity with Feature Group D (aggregate)) (separately reported)
• Unbundled Dedicated Interoffice Transport (UDIT)	
UDIT – DS1 level	Diagnostic (Expectation: Parity with DS1 Private Line- Service)
UDIT – Above DS1 level	Diagnostic (Expectation: Parity with Private Line- Services above DS1 level)
Dark Fiber – IOF	Diagnostic
• Unbundled Loops:	
Analog Loop	Diagnostic (Expectation: Parity with retail Res and Bus POTS with dispatch)
Non-loaded Loop (2-wire)	Diagnostic (Expectation: Parity with retail ISDN BRI)
Non-loaded Loop (4-wire)	Diagnostic (Expectation: Parity with retail DS1)
DS1-capable Loop	Diagnostic (Expectation: Parity with retail DS1)
ISDN-capable Loop	Diagnostic (Expectation: Parity with ISDN-BRI)
ADSL-qualified Loop	Diagnostic (Expectation: Parity with retail Qwest DSL with dispatch)
Loop types of DS3 or higher bit rate (aggregate)	Diagnostic (Expectation: Parity with retail DS3 and higher bit-rate services (aggregate))
Dark Fiber – Loop	Diagnostic
• E911/911 Trunks	Diagnostic (Expectation: Parity with retail E911/911 Trunks)
• Enhanced Extended Loops (EELs)	Diagnostic

OP-15– Interval for Pending Orders Delayed Past Due Date (continued)

<p>Availability: Available</p>	<p>Notes:</p> <ol style="list-style-type: none">1. According to this definition, the Applicable Due Date can change, per successive customer-initiated due date changes or delays, up to the point when a Qwest-initiated due date change occurs. At that point, the Applicable Due Date becomes fixed (i.e., with no further changes) as the date on which it was set prior to the first Qwest-initiated due date change, if any. Following the first Qwest-initiated due date change, any further customer-initiated due date changes or delays are measured as time intervals that are subtracted as indicated in the formula. These delay time intervals are calculated as stated in the description. (Though infrequent, in cases where multiple Qwest-initiated due date changes occur, the stated method for calculating delay intervals is applied to each pair of Qwest-initiated due date change and subsequent customer-initiated due date change or delay. The intervals thus calculated from each pairing of Qwest and customer-initiated due dates are summed and then subtracted as indicated in the formula.) The result of this approach is that Qwest-initiated impacts on intervals are counted in the reported interval, and customer-initiated impacts on intervals are not counted in the reported interval.2. For OP-15A, Saturday is counted as a business day for all non-dispatched orders for Resale Residence, Resale Business, and UNE-P (POTS), as well as for non-dispatched orders in the retail analogues specified above as standards. For all other non-dispatched products and for all dispatched products under OP-15A, Saturday is not counted as a business day.3. Reporting will begin at the time CLECs order the product, in any quantity, for three consecutive months.
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OP-17– Timeliness of Disconnects associated with LNP Orders

Purpose:
Evaluates the quality of Qwest completing LNP telephone number porting, focusing on the degree to which porting occurs without implementing associated disconnects before the scheduled time/date.

Description:
OP-17A

- Measures the percentage of all LNP telephone numbers (TNs), both stand alone and associated with loops, that are ported without the incidence of disconnects being made by Qwest before the scheduled time/date, as identified by associated qualifying trouble reports.
 - Focuses on disconnects associated with timely CLEC requests for delaying the disconnects or no requests for delays.
 - The scheduled time/date is defined as 11:59 p.m. on (1) the due date of the LNP order recorded by Qwest or (2) the delayed disconnect date requested by the CLEC, where the CLEC submits a timely request for delay of disconnection.
 - A CLEC request for delay of disconnection is considered timely if received by Qwest before 8:00 p.m. MT on the current due date of the LNP order recorded by Qwest.

OP-17B

- Measures the percentage of all LNP telephone numbers (TNs), both stand alone and associated with loops, that are ported without the incidence of disconnects being made by Qwest before the scheduled time/date, as identified by associated qualifying trouble reports.
 - Includes only disconnects associated with untimely CLEC requests for delaying the disconnects.
 - A CLEC request for delay of disconnection is considered "untimely" if received by Qwest after 8:00 p.m. MT on the current due date of the LNP order recorded by Qwest and before 12:00 p.m. MT (noon) on the day after the current due date.
- Disconnects are defined as the removal of switch translations, including the 10-digit trigger.
- Disconnects that are implemented early, and thus counted as a "miss" under this measurement, are those that the CLEC identifies as such to Qwest via trouble reports, within four calendar days of the actual disconnect date, that are confirmed to be caused by disconnects being made before the scheduled time.
- Includes all CLEC orders for LNP TNs completed in the reporting period, subject to exclusions specified below.

Reporting Period: One month	Unit of Measure: Percent
Reporting Comparisons: CLEC Aggregate and Individual CLEC	Disaggregation Reporting: Statewide

Formula:

$$\left[\frac{\text{Total number of LNP TNs ported pursuant to orders completed in the reporting period} - \text{Number of TNs with qualifying trouble reports notifying Qwest that disconnection before the scheduled time has occurred}}{\text{Total Number of LNP TNs ported pursuant to orders completed in the reporting period}} \right] \times 100$$

OP-17– Timeliness of Disconnects associated with LNP Orders (continued)

<p>Exclusions: OP-17A only</p> <ul style="list-style-type: none"> • Trouble reports notifying Qwest of early disconnects associated with situations for which the CLEC has failed to submit timely requests to have disconnects held for later implementation. <p>OP-17A & B</p> <ul style="list-style-type: none"> • Trouble reports not related to valid requests (LSRs) for LNP and associated disconnects. • LNP requests that do not involve automatic triggers (e.g., DID lines without separate, unique TNs, and Centrex 21). • Records with invalid trouble receipt dates. • Records with invalid cleared, closed or due dates. • Records with invalid product codes. • Records missing data essential to the calculation of the measurement per the PID. <p>OP-17B only</p> <ul style="list-style-type: none"> • Trouble reports notifying Qwest of early disconnects associated with situations for which the CLEC did not submit its untimely requests by 12:00 p.m. MT (noon) on the day after the LNP due date to have disconnects held for later implementation. 	
<p>Product Reporting: LNP</p>	<p>Standards: OP-17A – 98.25% OP-17B – Diagnostic only, in light of its measuring only requests for delay of disconnect that are defined as untimely.</p>
<p>Availability: Available</p>	<p>Notes:</p>

Maintenance and Repair

MR-2 – Calls Answered within 20 Seconds – Interconnect Repair Center

Purpose: Evaluates Customer access to Qwest's Interconnection and/or Retail Repair Center(s), focusing on the number of calls answered within 20 seconds.	
Description: Measures the percentage of Interconnection and/or Retail Repair Center calls answered within 20 seconds of the first ring. <ul style="list-style-type: none"> • Includes all calls to the Interconnect Repair Center during the reporting period, subject to exclusions specified below. • First ring is defined as when the customer's call is first placed in queue by the ACD (Automatic Call Distributor). • Answer is defined as when the call is first picked up by the Qwest agent. • Abandoned calls and busy calls are counted as calls which are not answered within 20 seconds. 	
Reporting Period: One month	Unit of Measure: Percent
Reporting Comparisons: CLEC aggregate and Qwest Retail levels.	Disaggregation Reporting: Region-wide level.
Formula: $[(\text{Total Calls Answered by Center within 20 seconds}) \div (\text{Total Calls received by Center})] \times 100$	
Exclusions: Time spent in the VRU (Voice Response Unit) is not counted.	
Product Reporting: None	Standard: Parity
Availability: Available	Notes:

MR-3 – Out of Service Cleared within 24 Hours

<p>Purpose: Evaluates timeliness of repair for specified services, focusing on trouble reports where the out-of-service trouble reports were cleared within the standard estimate for specified services (i.e., 24 hours for out-of-service conditions).</p>	
<p>Description: Measures the percentage of out of service trouble reports, involving specified services, that are cleared within 24 hours of receipt of trouble reports from CLECs or from retail customers.</p> <ul style="list-style-type: none"> • Includes all trouble reports, closed during the reporting period, which involve a specified service that is out-of-service (i.e., unable to place or receive calls), subject to exclusions specified below. • Time measured is from date and time that Qwest is first notified of the trouble by CLEC to date and time trouble is cleared. 	
<p>Reporting Period: One month</p>	<p>Unit of Measure: Percent</p>
<p>Reporting Comparisons: CLEC aggregate, individual CLEC and Qwest Retail results</p>	<p>Disaggregation Reporting: Statewide level.</p> <ul style="list-style-type: none"> • Results for product/services listed in Product Reporting under “MSA-Type Disaggregation” will be disaggregated and reported according to trouble reports involving: <ul style="list-style-type: none"> MR-3A Dispatches within MSAs; MR-3B Dispatches outside MSAs; and MR-3C No dispatches. • Results for products/services listed in Product Reporting under “Zone-type Disaggregation” will be disaggregated according to trouble reports involving: <ul style="list-style-type: none"> MR-3D In <u>Interval Zone 1</u> areas; and MR-3E In <u>Interval Zone 2</u> areas.
<p>Formula: $\left[\frac{\text{Number of Out of Service Trouble Reports closed in the reporting period that are cleared within 24 hours}}{\text{Total Number of Out of Service Trouble Reports closed in the reporting period}} \right] \times 100$</p>	
<p>Exclusions:</p> <ul style="list-style-type: none"> • Trouble reports coded as follows: <ul style="list-style-type: none"> – For products measured from MTAS data (products listed for MSA-type disaggregation), trouble reports coded to disposition codes for: Customer Action; Non-Telco Plant; Trouble Beyond the Network Interface; and Miscellaneous – Non-Dispatch, non-Qwest (includes CPE, Customer Instruction, Carrier, Alternate Provider). – For products measured from WFA (Workforce Administration) data (products listed for Zone-type disaggregation) trouble reports coded to trouble codes for Carrier Action (IEC) and Customer Provided Equipment (CPE). • Subsequent trouble reports of any trouble before the original trouble report is closed. • Information tickets generated for internal Qwest system/network monitoring purposes. • Time delays due to “no access” are excluded from repair time for products/services listed in Product Reporting under “Zone-type Disaggregation”. • For products measured from MTAS data (products listed for MSA-type disaggregation), trouble reports involving a “no access” delay. • Trouble reports on the day of installation before the installation work is reported by the technician/installer as complete. • Records involving official company services. • Records with invalid trouble receipt dates. • Records with invalid cleared or closed dates. • Records with invalid product codes. • Records missing data essential to the calculation of the measurement per the PID. 	

MR-3 – Out of Service Cleared within 24 Hours (Continued)

Product Reporting:	Standards:
<u>MSA-Type Disaggregation -</u>	
• Resale	
Residential single line service	Parity with retail service
Business single line service	Parity with retail service
Centrex	Parity with retail service
Centrex 21	Parity with retail service
PBX Trunks	Parity with retail service
Basic ISDN	Parity with retail service
• Unbundled Network Element – Platform (UNE-P) (POTS)	Parity with appropriate retail service
• Unbundled Network Element – Platform (UNE-P) (Centrex 21)	Parity with retail Centrex 21
• Unbundled Network Element – Platform (UNE-P) (Centrex)	Parity with retail Centrex
• Line Splitting	Parity with retail Qwest DSL
• Loop Splitting ^{NOTE 1}	Diagnostic
• Line Sharing	CO: Parity with Qwest DSL All Other States: Parity with RES and BUS POTS
• Sub-Loop Unbundling	CO: Parity with retail ISDN-BRI All Other States: Diagnostic
<u>Zone-type Disaggregation -</u>	
• Resale	
Qwest DSL	Parity with retail service
• Unbundled Loops	
Analog Loop	Parity with retail Res and Bus POTS
Non-loaded Loop (2 wire)	Parity with retail ISDN-BRI
xDSL-I capable Loop	Parity with retail Qwest IDSL
ISDN-capable Loop	Parity with ISDN-BRI
ADSL-qualified Loop	Parity with retail Qwest DSL
Availability: Available	Notes: 1. Reporting will begin at the time CLECs order the product, in any quantity, for three consecutive months.

MR-4 – All Troubles Cleared within 48 hours

<p>Purpose: Evaluates timeliness of repair for specified services, focusing on trouble reports of all types (both out of service and service affecting) and on the number of such trouble reports cleared within the standard estimate for specified services (i.e., 48 hours for service-affecting conditions).</p>	
<p>Description: Measures the percentage of trouble reports, for specified services, that are cleared within 48 hours of receipt of trouble reports from CLECs or from retail customers.</p> <ul style="list-style-type: none"> • Includes all trouble reports, closed during the reporting period, which involve a specified service, subject to exclusions specified below. • Time measured is from date and time that Qwest is first notified of the trouble by CLEC to date and time trouble is cleared. 	
<p>Reporting Period: One month</p>	<p>Unit of Measure: Percent</p>
<p>Reporting Comparisons: CLEC aggregate, individual CLEC and Qwest Retail results</p>	<p>Disaggregation Reporting: Statewide level.</p> <ul style="list-style-type: none"> • Results for product/services listed in Product Reporting under “MSA-Type Disaggregation” will be disaggregated and reported according to trouble reports involving: <ul style="list-style-type: none"> MR-4A Dispatches within MSAs; MR-4B Dispatches outside MSAs; and MR-4C No dispatches. • Results for products/services listed in Product Reporting under “Zone-type Disaggregation” will be disaggregated according to trouble reports involving: <ul style="list-style-type: none"> MR-4D In <u>Interval Zone 1</u> areas; and MR-4E In <u>Interval Zone 2</u> areas
<p>Formula: $\left[\frac{\text{Total Trouble Reports closed in the reporting period that are cleared within 48 hours}}{\text{Total Trouble Reports closed in the reporting period}} \right] \times 100$</p>	
<p>Exclusions:</p> <ul style="list-style-type: none"> • Trouble reports coded as follows: <ul style="list-style-type: none"> – For products measured from MTAS data (products listed for MSA-type disaggregation), trouble reports coded to disposition codes for: Customer Action; Non-Telco Plant; Trouble Beyond the Network Interface; and Miscellaneous – Non-Dispatch, non-Qwest (includes CPE, Customer Instruction, Carrier, Alternate Provider). – For products measured from WFA (Workforce Administration) data (products listed for Zone-type disaggregation) trouble reports coded to trouble codes for Carrier Action (IEC) and Customer Provided Equipment (CPE). • Subsequent trouble reports of any trouble before the original trouble report is closed. • Information tickets generated for internal Qwest system/network monitoring purposes. • Time delays due to “no access” are excluded from repair time for products/services listed in Product Reporting under “Zone-type Disaggregation”. • For products measured from MTAS data (products listed for MSA-type disaggregation), trouble reports involving a “no access” delay. • Trouble reports on the day of installation before the installation work is reported by the technician/installer as complete. • Records involving official company services. • Records with invalid trouble receipt dates. • Records with invalid cleared or closed dates. • Records with invalid product codes. • Records missing data essential to the calculation of the measurement per the PID. 	

MR-4 – All Troubles Cleared within 48 Hours (Continued)

Product Reporting:	Standards:
<u>MSA-Type Disaggregation -</u>	
• Resale	
Residential single line service	Parity with retail service
Business single line service	Parity with retail service
Centrex	Parity with retail service
Centrex 21	Parity with retail service
PBX Trunks	Parity with retail service
Basic ISDN	Parity with retail service
• Unbundled Network Element – Platform (UNE-P) (POTS)	Parity with appropriate retail service
• Unbundled Network Element – Platform (UNE-P) (Centrex 21)	Parity with retail Centrex 21
• Unbundled Network Element – Platform (UNE-P) (Centrex)	Parity with retail Centrex
• Line Splitting	Parity with retail Qwest DSL
• Loop Splitting ^{NOTE 1}	Diagnostic
• Line Sharing	Parity with RES and BUS POTS
• Sub-Loop Unbundling	Diagnostic
<u>Zone-Type Disaggregation -</u>	
• Resale	
Qwest DSL	Parity with retail service
• Unbundled Loops:	
Analog Loop	Parity with retail Res and Bus POTS
Non-loaded Loop (2 wire)	Parity with retail ISDN-BRI
xDSL-I capable Loop	Parity with retail Qwest IDSL
ISDN-capable Loop	Parity with retail ISDN-BRI
ADSL-qualified Loop	Parity with retail Qwest DSL
Availability: Available	Notes: 1. Reporting will begin at the time CLECs order the product, in any quantity, for three consecutive months.

MR-5 – All Troubles Cleared within 4 hours

<p>Purpose: Evaluates timeliness of repair for specified services, focusing on all trouble reports of all types (including out of service and service affecting troubles) and on the number of such trouble reports cleared within the standard estimate for specified services (i.e., 4 hours).</p>	
<p>Description: Measures the percentage of trouble reports for specified services that are cleared within 4 hours of receipt of trouble reports from CLECs or from retail customers.</p> <ul style="list-style-type: none"> • Includes all trouble reports, closed during the reporting period, which involve a specified service, subject to exclusions specified below. • Time measured is from date and time that Qwest is first notified of the trouble by CLEC to date and time trouble is cleared. 	
<p>Reporting Period: One month</p>	<p>Unit of Measure: Percent</p>
<p>Reporting Comparisons: CLEC aggregate, individual CLEC and Qwest Retail results</p>	<p>Disaggregation Reporting: Statewide level. Results for listed products will be disaggregated according to trouble reports: MR-5A In <u>Interval Zone 1</u> areas; and MR-5B In <u>Interval Zone 2</u> areas.</p>
<p>Formula: $\left[\frac{\text{(Number of Trouble Reports closed in the reporting period that are cleared within 4 hours)}}{\text{(Total Trouble Reports closed in the reporting period)}} \right] \times 100$ </p>	
<p>Exclusions:</p> <ul style="list-style-type: none"> • Trouble reports coded as follows: <ul style="list-style-type: none"> – For products measured using WFA (Workforce Administration) data (products listed for Zone-type disaggregation) trouble reports coded to trouble codes for Carrier Action (IEC) and Customer Provided Equipment (CPE). • Subsequent trouble reports of any trouble before the original trouble report is closed. • Information tickets generated for internal Qwest system/network monitoring purposes. • Time delays due to “no access” are excluded from repair time. • Trouble reports on the day of installation before the installation work is reported by the technician/installer as complete. • Records involving official company services. • Records with invalid trouble receipt dates. • Records with invalid cleared or closed dates. • Records with invalid product codes. • Records missing data essential to the calculation of the measurement per the PID. 	

MR-5 – All Troubles Cleared within 4 hours (continued)

Product Reporting:	Standards:
Zone-Type Disaggregation -	
• Resale	
Primary ISDN	Parity with retail service
DS0	Parity with retail service
DS1	Parity with retail service
DS3 and higher bit-rate services (aggregate)	Parity with retail service
Frame Relay	Parity with retail service
• LIS Trunks	Parity with Feature Group D (aggregate)
• Unbundled Dedicated Interoffice Transport (UDIT)	
UDIT – DS1 level	Parity with DS1 Private Line Service
UDIT – Above DS1 level	Parity with Private Line Services above DS1 level
• Unbundled Loops:	
Non-loaded Loop (4-wire)	Parity with retail DS1
DS1-capable Loop	Parity with retail DS1
Loop types of DS3 and higher bit-rates (aggregate)	Parity with retail DS3 and higher bit-rate services (aggregate)
• E911/911 Trunks	Parity with retail E911/911 Trunks
• Enhanced Extended Loops (EELs) – (DS0 level)	Diagnostic
• Enhanced Extended Loops (EELs) – (DS1 level)	Parity with retail DS1 Private Line
• Enhanced Extended Loops (EELs) – (DS3 level)	Diagnostic
Availability: Available	Notes:

MR-6 – Mean Time to Restore

Purpose: Evaluates timeliness of repair, focusing how long it takes to restore services to proper operation.	
Description: Measures the time actually taken to clear trouble reports. <ul style="list-style-type: none"> • Includes all trouble reports closed during the reporting period, subject to exclusions specified below. • Includes customer direct reports, customer-relayed reports, and test assist reports that result in a trouble report. • Time measured is from date and time that Qwest is first notified of the trouble by CLEC to date and time trouble is cleared. 	
Reporting Period: One month	
Unit of Measure: Hours and Minutes	
Reporting Comparisons: CLEC aggregate, individual CLEC and Qwest Retail results	Disaggregation Reporting: Statewide level. <ul style="list-style-type: none"> • Results for product/services listed in Product Reporting under “MSA-Type Disaggregation” will be reported according to trouble reports involving: <ul style="list-style-type: none"> MR-6A Dispatches within MSAs; MR-6B Dispatches outside MSAs; and MR-6C No dispatches. • Results for products/services listed in Product Reporting under “Zone-type Disaggregation” will be disaggregated according to trouble reports involving: <ul style="list-style-type: none"> MR-6D In <u>Interval Zone 1</u> areas; and MR-6E In <u>Interval Zone 2</u> areas.
Formula: $\frac{\sum[(\text{Date \& Time Trouble Report Cleared}) - (\text{Date \& Time Trouble Report Opened})]}{(\text{Total number of Trouble Reports closed in the reporting period})}$	
Exclusions: <ul style="list-style-type: none"> • Trouble reports coded as follows: <ul style="list-style-type: none"> – For products measured from MTAS data (products listed for MSA-type disaggregation), trouble reports coded to disposition codes for: Customer Action; Non-Telco Plant; Trouble Beyond the Network Interface; and Miscellaneous – Non-Dispatch, non-Qwest (includes CPE, Customer Instruction, Carrier, Alternate Provider). – For products measured from WFA (Workforce Administration) data (products listed for Zone-type disaggregation) trouble reports coded to trouble codes for Carrier Action (IEC) and Customer Provided Equipment (CPE). • Subsequent trouble reports of any trouble before the original trouble report is closed. • Information tickets generated for internal Qwest system/network monitoring purposes. • Time delays due to “no access” are excluded from repair time for products/services listed in Product Reporting under “Zone-type Disaggregation”. • For products measured from MTAS data (products listed for MSA-type disaggregation), trouble reports involving a “no access” delay. • Trouble reports on the day of installation before the installation work is reported by the technician/installer as complete. • Records involving official company services. • Records with invalid trouble receipt dates. • Records with invalid cleared or closed dates. • Records with invalid product codes. • Records missing data essential to the calculation of the measurement per the PID. 	

MR-6 – Mean Time to Restore (Continued)

Product Reporting:	Standards:
<u>MSA-Type Disaggregation -</u>	
• Resale	
Residential single line service	Parity with retail service
Business single line service	Parity with retail service
Centrex	Parity with retail service
Centrex 21	Parity with retail service
PBX Trunks	Parity with retail service
Basic ISDN	Parity with retail service
• Unbundled Network Element – Platform (UNE-P) (POTS)	Parity with like retail service
• Unbundled Network Element – Platform (UNE-P) (Centrex 21)	Parity with retail Centrex 21
• Unbundled Network Element – Platform (UNE-P) (Centrex)	Parity with retail Centrex
• Line Splitting	Parity with retail Qwest DSL
• Loop Splitting ^{NOTE 1}	Diagnostic
• Line Sharing	CO: Parity with Qwest DSL All Other States: Parity with RES and BUS POTS
• Sub-Loop Unbundling	CO: Parity with retail ISDN-BRI All Other States: Diagnostic
<u>Zone-Type Disaggregation -</u>	
• Resale	
Qwest DSL	Parity with retail service
Primary ISDN	Parity with retail service
DS0	Parity with retail service
DS1	Parity with retail service
DS3 and higher bit-rate services (aggregate)	Parity with retail service
Frame Relay	Parity with retail service
• LIS Trunks	Parity with Feature Group D (aggregate)
• Unbundled Dedicated Interoffice Transport (UDIT)	
UDIT – DS1 level	Parity with retail DS1 Private Line
UDIT – Above DS1 level	Parity with retail Private Lines above DS1 level
Dark Fiber – IOF	Diagnostic
• Unbundled Loops:	
Analog Loop	Parity with retail Res and Bus POTS
Non-loaded Loop (2-wire)	Parity with retail ISDN BRI
Non-loaded Loop (4-wire)	Parity with retail DS1 Private Line
DS1-capable Loop	Parity with retail DS1 Private Line
xDSL-I capable Loop	Parity with retail Qwest IDSL
ISDN-capable Loop	Parity with retail ISDN BRI
ADSL-qualified Loop	Parity with retail Qwest DSL
Loop types of DS3 and higher bit-rates (aggregate)	Parity with retail DS3 and higher bit-rate Private Line services (aggregate)
Dark Fiber – Loop	Diagnostic
• E911/911 Trunks	Parity with retail E911/911 Trunks
• Enhanced Extended Loops (EELs) – (DS0 level)	Diagnostic
• Enhanced Extended Loops (EELs) – (DS1 level)	Parity with retail DS1 Private Line
• Enhanced Extended Loops (EELs) – (DS3 level)	Diagnostic

MR-6 – Mean Time to Restore (Continued)

<p>Availability: Available</p>	<p>Notes: 1. Reporting will begin at the time CLECs order the product, in any quantity, for three consecutive months.</p>
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MR-7 – Repair Repeat Report Rate

<p>Purpose: Evaluates the accuracy of repair actions, focusing on the number of <u>repeated trouble reports</u> received for the same line/circuit within a specified period (30 calendar days).</p>	
<p>Description: Measures the percentage of trouble reports that are repeated within 30 days on end user lines and circuits.</p> <ul style="list-style-type: none"> • Includes all trouble reports closed during the reporting period that have a repeated trouble report received within thirty (30) days of the initial trouble report for the same service (regardless of whether the report is about the same type of trouble for that service), subject to exclusions specified below. • In determining same service Qwest will compare the end user telephone number or circuit access code of the initial trouble reports closed during the reporting period with reports received within 30 days of when the initial trouble report closed. • Includes reports due to Qwest network or system causes, customer-direct and customer-relayed reports. • The 30-day period applied in the numerator of the formula below is from the date and time that the initial trouble report is closed to the date and time that the next, or “repeat” trouble report is received (i.e., opened). 	
<p>Reporting Period: One month, reported in arrears (i.e., results first appear in reports one month later than results for measurements that are not reported in arrears), in order to cover the 30-day period following the initial trouble report.</p>	<p>Unit of Measure: Percent</p>
<p>Reporting Comparisons: CLEC aggregate, individual CLEC and Qwest Retail results</p>	<p>Disaggregation Reporting: Statewide level.</p> <ul style="list-style-type: none"> • Results for product/services listed in Product Reporting under “<u>MSA-Type Disaggregation</u>” will be reported according to trouble reports involving: MR-7A Dispatches within MSAs; MR-7B Dispatches outside MSAs; and MR-7C No dispatches. • Results for products/services listed in Product Reporting under “<u>Zone-type Disaggregation</u>” will be disaggregated according to trouble reports involving: MR-7D In <u>Interval Zone 1</u> areas; and MR-7E In <u>Interval Zone 2</u> areas.
<p>Formula: [(Total trouble reports closed within the reporting period that had a repeated trouble report received within 30 calendar days of when the initial trouble report closed) ÷ (Total number of Trouble Reports Closed in the reporting period)] x 100</p>	
<p>Exclusions:</p> <ul style="list-style-type: none"> • Trouble reports coded as follows: <ul style="list-style-type: none"> – For products measured from MTAS data (products listed for MSA-type disaggregation), trouble reports coded to disposition codes for: Customer Action; Non-Telco Plant; Trouble Beyond the Network Interface; and Miscellaneous – Non-Dispatch, non-Qwest (includes CPE, Customer Instruction, Carrier, Alternate Provider). – For products measured from WFA (Workforce Administration) data (products listed for Zone-type disaggregation) trouble reports coded to trouble codes for Carrier Action (IEC) and Customer Provided Equipment (CPE). • Subsequent trouble reports of any trouble before the original trouble report is closed. • Information tickets generated for internal Qwest system/network monitoring purposes. • Trouble reports on the day of installation before the installation work is reported by the technician/installer as complete. • Records involving official company services. • Records with invalid trouble receipt dates. 	

MR-7 – Repair Repeat Report Rate (Continued)

<ul style="list-style-type: none"> Records with invalid cleared or closed dates. Records with invalid product codes. Records missing data essential to the calculation of the measurement per the PID. 	
Product Reporting:	Standards:
MSA-Type Disaggregation -	
<ul style="list-style-type: none"> Resale 	
Residential single line service	Parity with retail service
Business single line service	Parity with retail service
Centrex	Parity with retail service
Centrex 21	Parity with retail service
PBX Trunks	Parity with retail service
Basic ISDN	Parity with retail service
<ul style="list-style-type: none"> Unbundled Network Element – Platform (UNE-P) (POTS) 	Parity with like retail service
<ul style="list-style-type: none"> Unbundled Network Element – Platform (UNE-P) (Centrex 21) 	Parity with retail Centrex 21
<ul style="list-style-type: none"> Unbundled Network Element – Platform (UNE-P) (Centrex) 	Parity with retail Centrex
<ul style="list-style-type: none"> Line Splitting 	Parity with Qwest Retail DSL
<ul style="list-style-type: none"> Loop Splitting ^{NOTE 1} 	Diagnostic
<ul style="list-style-type: none"> Line Sharing 	AZ & CO: Parity with Qwest Retail DSL
	All Other States: Diagnostic Comparison with Qwest Retail DSL
<ul style="list-style-type: none"> Sub-Loop Unbundling 	CO: Parity with Retail ISDN-BRI
	All Other States: Diagnostic
Zone-Type Disaggregation -	
<ul style="list-style-type: none"> Resale 	
Qwest DSL	Parity with retail service
Primary ISDN	Parity with retail service
DS0	Parity with retail service
DS1	Parity with retail service
DS3 and higher bit-rate services (aggregate)	Parity with retail service
Frame Relay	Parity with retail service
<ul style="list-style-type: none"> LIS Trunks 	Parity with Feature Group D (aggregate)
<ul style="list-style-type: none"> Unbundled Dedicated Interoffice Transport (UDIT) 	
UDIT – DS1 level	Parity with retail DS1 Private Line
UDIT – Above DS1 level	Parity with retail Private Lines above DS1 level
Dark Fiber – IOF	Diagnostic
<ul style="list-style-type: none"> Unbundled Loops: 	
Analog Loop	Parity with retail Res and Bus POTS
Non-loaded Loop (2-wire)	Parity with retail ISDN BRI
Non-loaded Loop (4-wire)	Parity with retail DS1 Private Line
DS1-capable Loop	Parity with retail DS1 Private Line
xDSL-I capable Loop	Parity with retail Qwest IDSL
ISDN-capable Loop	Parity with retail ISDN BRI
ADSL-qualified Loop	Parity with retail Qwest DSL
Loop types of DS3 and higher bit-rates (aggregate)	Parity with retail DS3 and higher bit-rate Private Line services (aggregate)
Dark Fiber – Loop	Diagnostic
<ul style="list-style-type: none"> E911/911 Trunks 	Parity with retail E911/911 Trunks

MR-7 – Repair Repeat Report Rate (Continued)

<ul style="list-style-type: none">Enhanced Extended Loops (EELs) – (DS0 level)	Diagnostic
<ul style="list-style-type: none">Enhanced Extended Loops (EELs) – (DS1 level)	Parity with retail DS1 Private Line
<ul style="list-style-type: none">Enhanced Extended Loops (EELs) – (DS3 level)	Diagnostic
Availability: Targeted availability with July 2004 results reported in September 2004	Notes: 1. Reporting will begin at the time CLECs order the product, in any quantity, for three consecutive months.

MR-8 – Trouble Rate

Purpose: Evaluates the overall rate of trouble reports as a percentage of the total installed base of the service or element.	
Description: Measures trouble reports by product and compares them to the number of lines in service. <ul style="list-style-type: none"> • Includes all trouble reports closed during the reporting period, subject to exclusions specified below. • Includes all applicable trouble reports, including those that are out of service and those that are only service-affecting. 	
Reporting Period: One month	Unit of Measure: Percent
Reporting Comparisons: CLEC aggregate, individual CLEC and Qwest Retail results	Disaggregation Reporting: Statewide level.
Formula: $[(\text{Total number of trouble reports closed in the reporting period involving the specified service grouping}) \div (\text{Total number of the specified services that are in service in the reporting period})] \times 100$	
Exclusions: <ul style="list-style-type: none"> • Trouble reports coded as follows: <ul style="list-style-type: none"> – For products measured from MTAS data, trouble reports coded to disposition codes for: Customer Action; Non-Telco Plant; Trouble Beyond the Network Interface; and Miscellaneous – Non-Dispatch, non-Qwest (includes CPE, Customer Instruction, Carrier, Alternate Provider). – For products measured from WFA data trouble reports coded to trouble codes for Carrier Action (IEC) and Customer Provided Equipment (CPE). • Subsequent trouble reports of any trouble before the original trouble report is closed. • Information tickets generated for internal Qwest system/network monitoring purposes. • Trouble reports on the day of installation before the installation work is reported by the technician/installer as complete. • Records involving official company services. • Records with invalid trouble receipt dates. • Records with invalid cleared or closed dates. • Records with invalid product codes. • Records missing data essential to the calculation of the measurement per the PID. 	

MR-8 – Trouble Rate (continued)

Product Reporting:	Standards:
• Resale	
Residential single line service	Parity with retail service
Business single line service	Parity with retail service
Centrex	Parity with retail service
Centrex 21	Parity with retail service
PBX Trunks	Parity with retail service
Basic ISDN	Parity with retail service
Qwest DSL	Parity with Qwest DSL service
Primary ISDN	Parity with retail service
DS0	Parity with retail service
DS1	Parity with retail service
DS3 and higher bit-rate services (aggregate)	Parity with retail service
Frame Relay	Parity with retail service
• Unbundled Network Element – Platform (UNE-P) (POTS)	Parity with like retail service
• Unbundled Network Element – Platform (UNE-P) (Centrex 21)	Parity with retail Centrex 21
• Unbundled Network Element – Platform(UNE-P) (Centrex)	Parity with retail Centrex
• Line Splitting	Parity with retail Qwest DSL
• Loop Splitting ^{NOTE 1}	Diagnostic
• Line Sharing	CO: Parity with Qwest DSL All Other States: Parity with RES and BUS POTS
• Sub-Loop Unbundling	CO: Parity with retail ISDN-BRI All Other States: Diagnostic
• LIS Trunks	Parity with Feature Group D (aggregate)
• Unbundled Dedicated Interoffice Transport (UDIT)	
UDIT – DS1 level	Parity with retail DS1 Private Line Service
UDIT – Above DS1 level	Parity with retail Private Lines above DS1 level
Dark Fiber – IOF	Diagnostic
• Unbundled Loops:	
Analog Loop	Parity with retail Res and Bus POTS
Non-loaded Loop (2-wire)	Parity with retail ISDN BRI
Non-loaded Loop (4-wire)	Parity with retail DS1 Private Line
DS1-capable Loop	Parity with retail DS1 Private Line
xDSL-I capable Loop	Parity with retail Qwest IDSL
ISDN-capable Loop	Parity with retail ISDN BRI
ADSL-qualified Loop	Parity with retail Qwest DSL
Loop types of DS3 and higher bit-rates (aggregate)	Parity with retail DS3 and higher bit-rate services (aggregate)
Dark Fiber – Loop	Diagnostic
• E911/911 Trunks	Parity with retail E911/911 Trunks
• Enhanced Extended Loops (EELs) – (DS0 level)	Diagnostic
• Enhanced Extended Loops (EELs) – (DS1 level)	Parity with retail DS1 Private Line
• Enhanced Extended Loops (EELs) – (DS3 level)	Diagnostic

MR-8 – Trouble Rate (continued)

<p>Availability: Available</p>	<p>Notes: 1. Reporting will begin at the time CLECs order the product, in any quantity, for three consecutive months.</p>
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MR-9 – Repair Appointments Met

Purpose: Evaluates the extent to which Qwest repairs services for Customers by the appointment date and time.	
Description: Measures the percentage of trouble reports for which the appointment date and time is met. <ul style="list-style-type: none"> • Includes all trouble reports closed during the reporting period, subject to exclusions specified below. • Time measured is from date and time that Qwest is first notified of the trouble by CLEC to date and time trouble is cleared. 	
Reporting Period: One month	Unit of Measure: Percent
Reporting Comparisons: CLEC aggregate, individual CLEC and Qwest Retail results	Disaggregation Reporting: Statewide level. Results for listed services will be disaggregated and reported according to trouble reports involving: MR-9A Dispatches within <u>MSAs</u> ; MR-9B Dispatches outside MSAs; and MR-9C No dispatches.
Formula: $\frac{[(\text{Total Trouble Reports Cleared by appointment date and time}) \div (\text{Total Trouble Reports Closed in the Reporting Period})] \times 100}{}$	
Exclusions: <ul style="list-style-type: none"> • Trouble reports coded as follows: <ul style="list-style-type: none"> – For products measured from MTAS data, trouble reports coded to disposition codes for: Customer Action; Non-Telco Plant; Trouble Beyond the Network Interface; and Miscellaneous – Non-Dispatch, non-Qwest (includes CPE, Customer Instruction, Carrier, Alternate Provider). • Subsequent trouble reports of any trouble before the original trouble report is closed. • Information tickets generated for internal Qwest system/network monitoring purposes. • Time delays due to “no access” are excluded from repair time by using the rescheduled appointment time to determine if the repair appointment is met. • Trouble reports on the day of installation before the installation work is reported by the technician/installer as complete. • Records involving official company services. • Records with invalid trouble receipt dates. • Records with invalid cleared or closed dates. • Records with invalid product codes. • Records missing data essential to the calculation of the measurement per the PID. 	
Product Reporting: Resale: Residential single line service Business single line service Centrex Centrex 21 PBX Trunks Basic ISDN Unbundled Elements – Platform (UNE-P) (POTS)	Standard: Parity
Availability: Available	Notes:

MR-10 – Customer and Non-Qwest Related Trouble Reports

<p>Purpose: Evaluates the extent that trouble reports were customer related, and provides diagnostic information to help address potential issues that might be raised by the core maintenance and repair performance indicators.</p>	
<p>Description: Measures the percentage of all trouble reports that are attributed to the customer as a percentage of all trouble reports resolved during the reporting period, subject to exclusions specified below. Includes trouble reports closed during the reporting period coded as follows:</p> <ul style="list-style-type: none"> • For products measured from MTAS data, trouble reports coded to disposition codes for: Customer Action; Non-Telco Plant, Trouble Beyond the Network Interface; and Miscellaneous – Non-Dispatch, non-Qwest (includes CPE, Customer Instruction, Carrier, Alternate Provider) and trouble reports involving a "no access" delay for <u>MSA</u> type disaggregated products. • For products measured from WFA (Workforce Administration) data trouble reports coded to trouble codes for Carrier Action (IEC) and Customer Provided Equipment (CPE). 	
<p>Reporting Period: One month</p>	<p>Unit of Measure: Percent</p>
<p>Reporting Comparisons: CLEC aggregate, individual CLEC and Qwest Retail results</p>	<p>Disaggregation Reporting: Statewide level.</p>
<p>Formula: $\left[\frac{\text{(Number of Trouble Reports coded to disposition codes specified above)}}{\text{(Total Number of Trouble Reports Closed in the Reporting Period)}} \right] \times 100$ </p>	
<p>Exclusions:</p> <ul style="list-style-type: none"> • Subsequent trouble reports of any trouble before the original trouble report is closed • Information tickets generated for internal Qwest system/network monitoring purposes. • Records involving official company services. • Records with invalid trouble receipt dates. • Records with invalid cleared or closed dates. • Records with invalid product codes. • Records missing data essential to the calculation of the measurement per the PID. • Trouble reports on the day of installation before the installation work is reported by the technician/installer as complete. 	

MR-10 Customer and Non-Qwest Related Trouble Reports (continued)

Product Reporting:	Standards:
• Resale	
Residential single line service	Diagnostic
Business single line service	Diagnostic
Centrex	Diagnostic
Centrex 21	Diagnostic
PBX Trunks	Diagnostic
Basic ISDN	Diagnostic
Qwest DSL	Diagnostic
• Unbundled Network Element – Platform (UNE-P) (POTS)	Diagnostic
• Unbundled Network Element – Platform (UNE-P) (Centrex 21)	Diagnostic
• Unbundled Network Element – Platform (UNE-P) (Centrex)	Diagnostic
• Resale	
Primary ISDN	Diagnostic
DS0	Diagnostic
DS1	Diagnostic
DS3 and higher bit-rate services (aggregate)	Diagnostic
Frame Relay	Diagnostic
• LIS Trunks	Diagnostic
• Unbundled Dedicated Interoffice Transport (UDIT)	
UDIT – DS1 level	Diagnostic
UDIT – Above DS1 level	Diagnostic
• Unbundled Loops:	
Analog Loop	Diagnostic
Non-loaded Loop (2-wire)	Diagnostic
Non-loaded Loop (4-wire)	Diagnostic
DS1-capable Loop	Diagnostic
xDSL-I capable Loop	Diagnostic
ISDN-capable Loop	Diagnostic
ADSL-qualified Loop	Diagnostic
Loop types of DS3 and higher bit-rates (aggregate)	Diagnostic
• E911/911 Trunks	Diagnostic
Availability: Available	Notes:

MR-11 – LNP Trouble Reports Cleared within 24 Hours

Purpose:

Evaluates timeliness of clearing LNP trouble reports, focusing on the degree to which residence and business, disconnect-related, out-of-service trouble reports are cleared within four business hours and all LNP-related trouble reports are cleared within 48 hours.

Description:

MR-11A: Measures the percentage of specified LNP-only (i.e., not unbundled-loop), residence and business, out-of-service trouble reports that are cleared within four business hours of Qwest receiving these trouble reports from CLECs.

- Includes only trouble reports that are received on or before the currently-scheduled due date of the actual LNP-related disconnect time/date, or the next business day, that are confirmed to be caused by disconnects being made before the scheduled time, and that are closed during the reporting period, subject to exclusions specified below.

MR-11B: Measures the percentage of specified LNP-only trouble reports that are cleared within 48 hours of Qwest receiving these trouble reports from CLECs.

- Includes all LNP-only trouble reports, received within four calendar days of the actual LNP-related disconnect date and closed during the reporting period.
- The “currently-scheduled due date/time” is the original due date/time established by Qwest in response to CLEC/customer request for disconnection of service ported via LNP or, if CLEC submits to Qwest a timely or untimely request for delay of disconnection, it is the CLEC/customer-requested later date/time.
- A request for delay of disconnection is considered timely if received by Qwest before 8:00 p.m. MT on the due date that Qwest has on record at the time of the request.
- A request for delay of disconnection is considered untimely if received by Qwest after 8:00 p.m. MT on the due date and before 12:00 p.m. MT (noon) on the day after the due date
- Time measured is from the date and time Qwest receives the trouble report to the date and time trouble is cleared.

Reporting Period: One month

Unit of Measure: Percent

Reporting Comparisons: CLEC Aggregate and Individual CLEC

Disaggregation Reporting: Statewide level (all are “non-dispatched”).

Formula:

MR-11A = [(Number of specified out-of-service LNP-only Trouble Reports, for LNP-related troubles confirmed to be caused by disconnects, that Qwest executed before the currently-scheduled due date/time, that were closed in the reporting period and cleared within four business hours) ÷ (Total Number of specified out of service LNP-only Trouble Reports for LNP-related troubles confirmed to be caused by disconnects that Qwest executed before the currently-scheduled due date/time, that were closed in the reporting period)] x 100

MR-11B = [(Number of specified LNP-only Trouble Reports closed in the reporting period that were cleared within 48 hours) ÷ (Total Number of specified LNP-only Trouble Reports closed in the reporting period)] x 100

MR-11 – LNP Trouble Reports Cleared within 24 Hours (Continued)

Exclusions: <ul style="list-style-type: none"> • Trouble reports attributed to customer or non-Qwest reasons • Trouble reports not related to valid requests (LSRs) for LNP and associated disconnects. • Subsequent trouble reports of LNP trouble before the original trouble report is closed. • For MR-11B only: Trouble reports involving a “no access” delay. • Information tickets generated for internal Qwest system/network monitoring purposes. • Records involving official company services. • Records with invalid trouble receipt dates. • Records with invalid cleared or closed dates. • Records with invalid product codes. • Records missing data essential to the calculation of the measurement per the PID. 	
Product Reporting: LNP	Standards: <u>MR-11A:</u> <ul style="list-style-type: none"> • If OP-17 result meets its standard, the MR-11A standard is Diagnostic. • If OP-17 result does not meet its standard, the MR-11A standard is as follows: <ul style="list-style-type: none"> – For 0-20 trouble reports*: No more than 1 ticket cleared in > four business hours – For > 20 trouble reports*: The lesser of 95% or Parity with MR-3C results for Retail Residence and Business <u>MR-11B:</u> <ul style="list-style-type: none"> • For 0-20 trouble reports**: No more than 1 ticket cleared > 48 hours • For > 20 trouble reports**: The lesser of 95% or Parity with MR-4C results for Retail Residence and Business * Based on MR-11A denominator. ** Based on MR-11B denominator.
Availability: Available	Notes:

Billing

BI-1 – Time to Provide Recorded Usage Records

Purpose: Evaluates the timeliness with which Qwest provides recorded daily usage records to CLECs.	
Description: Measures the average time interval from date of recorded daily usage to date usage records are transmitted or made available to CLECs as applicable. BI-1A – Measures recorded daily usage for UNEs and Resale and includes industry standard electronically transmitted usage records for feature group switched access, ^{NOTE 1} local measured usage, local message usage, toll usage, and local exchange service components priced on a per-use basis, subject to exclusions specified below. BI-1B – Measures the percent of recorded daily usage for Jointly provided switched access provided within four days. This includes usage created by the CLEC and Qwest or IXC providing access, usually via 2-way Feature Group X trunk groups for Feature Group A, Feature Group B, Feature Group D, Phone to Phone IP Telephony, 8XX access, and 900 access and their successors or similar Switched Access services. BI-1C – Provides separate reporting for two elements captured in BI-1A above, as follows: <ul style="list-style-type: none"> • BI-1C-1 – Measures recorded daily usage for UNEs and Resale and includes industry standard electronically transmitted usage records for feature group switched access, ^{NOTE 1} subject to exclusions specified below. • BI-1C-2 – Measures recorded daily usage for UNEs and Resale and includes industry standard electronically transmitted usage records for local measured usage, local message usage, toll usage, and local exchange service components priced on a per-use basis, subject to exclusions specified below. 	
Reporting Period: One month	Unit of Measure: BI-1A, BI-1C-1, BI-1C-2: Average <u>Business Days</u> BI-1B: Percent
Reporting Comparisons: CLEC aggregate, individual CLECs, and Qwest Retail results	Disaggregation Reporting: State level.
Formula: BI-1A, BI-1C-1, BI-1C-2 (for specified products & records) = $\sum(\text{Date Record Transmitted or made available} - \text{Date Usage Recorded}) \div (\text{Total number of records})$ BI-1B = $[(\# \text{ of daily usage records for Jointly provided switched access sent within four days}) \div (\text{Total daily usage records for Jointly provided switched access in the report period})] \times 100$	
Exclusions: <ul style="list-style-type: none"> • Instances where the CLEC requests other than daily usage transmission or availability. • Duplicate records. 	
Product Reporting: <ul style="list-style-type: none"> • UNEs and Resale • Jointly-provided Switched Access 	Standards: BI-1A: Parity with Qwest retail. BI-1B: 95% within 4 business days BI-1C-1, BI-1C-2: Diagnostic Comparison with the Qwest Retail results used in standard for BI-1A
Availability: Available	Notes: 1. "Feature group switched access" includes all type 110XXX detail records for Feature Groups A, B, C, and D.

BI-2 – Invoices Delivered within 10 Days

Purpose: Evaluates the timeliness with which Qwest delivers industry standard electronically transmitted bills to CLECs, focusing on the percent delivered within ten calendar days.	
Description: Measures the percentage of invoices that are delivered within ten days, based on the number of days between the bill date and bill delivery. <ul style="list-style-type: none"> • Includes all industry standard electronically transmitted invoices for local exchange services and toll, subject to exclusions specified below. 	
Reporting Period: One month	Unit of Measure: Percent
Reporting Comparisons: Combined Qwest Retail/CLEC results (Parity by design)	Disaggregation Reporting: State level
Formula: $\left[\frac{\text{Count of Invoices for which Bill Transmission Date to Bill Date is ten calendar days or less}}{\text{Total Number of Invoices}} \right] \times 100$	
Exclusions: <ul style="list-style-type: none"> • Bills transmitted via paper, magnetic tape, CD-ROM, diskette. • Records with missing data essential to the calculation of the measurement per the PID. 	
Product Reporting: <ul style="list-style-type: none"> • UNEs and Resale 	Standard: Parity by design.
Availability: Available	Notes:

BI-3 – Billing Accuracy – Adjustments for Errors

Purpose: Evaluates the accuracy with which Qwest bills CLECs, focusing on the percentage of billed revenue adjusted due to errors.	
Description: Measures the billed revenue minus amounts adjusted off bills due to errors, as a percentage of total billed revenue. <ul style="list-style-type: none"> • Both the billed revenue and amounts adjusted off bills due to error are calculated from bills rendered in the reporting period. • “Amounts adjusted off bills due to errors” is the sum of all bill adjustments made in the reporting period that involve, either in part or in total, adjustment codes related to billing errors. (Each adjustment thus qualifying is added to the sum in its entirety.) 	
Reporting Period: One month	Unit of Measure: Percent
Reporting Comparisons: CLEC aggregate, individual CLECs, and Qwest Retail results	Disaggregation Reporting: State level.
Formula: $\left[\frac{\sum(\text{Total Billed Revenue Billed in Reporting Period} - \text{Amounts Adjusted Off Bills Due to Errors})}{\text{Total Billed Revenue billed in Reporting Period}} \right] \times 100$	
Exclusions: <ul style="list-style-type: none"> • BI-3A - UNEs and Resale – None • BI-3B - Reciprocal Compensation Minutes of Use – Billing adjustments as a result of CLEC-caused errors in return of minutes of use 	
Product Reporting: <ul style="list-style-type: none"> • BI-3A - UNEs and Resale • BI-3B - Reciprocal Compensation Minutes of Use (MOU) 	Standards: <ul style="list-style-type: none"> • BI-3A – UNEs and Resale: Parity with Qwest retail bills. • BI-3B – Reciprocal Compensation (MOU) – 95%
Availability: <p style="text-align: center;">Available</p>	Notes:

BI-4 – Billing Completeness

Purpose: <ul style="list-style-type: none"> • UNEs and Resale – Evaluates the completeness with which Qwest reflects non-recurring and recurring charges associated with completed service orders on the bills. • Reciprocal Compensation Minutes of Use (MOU) – Evaluates the completeness with which Qwest reflects the revenue for Local Minutes of Use associated with CLEC local traffic over Qwest's network on the bills. 	
Description: BI-4A – UNEs and Resale: Measures the percentage of non-recurring and recurring charges associated with completed service orders appear on the correct bill.* BI-4B – Reciprocal Compensation (MOU): Measures the percentage of revenue associated with local minutes of use appearing on the correct (current) bill.* * Correct bill = next available bill	
Reporting Period: One month	Unit of Measure: Percent
Reporting Comparisons: CLEC aggregate, individual CLECs, and Qwest Retail results	Disaggregation Reporting: Statewide level.
Formula: BI-4A – UNEs and Resale = $[\sum(\text{Count of service orders with non-recurring and recurring charges associated with completed service orders on the bills that are billed on the correct bill} \div \text{total count of service orders with non-recurring and recurring charges associated with completed service orders billed on the bill})] \times 100$ BI-4B – Reciprocal Compensation MOU = $[\sum(\text{Revenue for Local Minutes of Use billed on the correct* bill} \div \text{Total revenue for Local Minutes of Use collected during the month})] \times 100$	
Exclusions: None	
Product Reporting: <ul style="list-style-type: none"> • UNEs and Resale • Reciprocal Compensation (MOU) 	Standards: BI 4A - UNEs and Resale: Parity with Qwest Retail bills. BI 4B - Reciprocal Compensation (MOU): 95%
Availability: Available	Notes:

Database Updates

DB-1 – Time to Update Databases

<p>Purpose: Evaluates the time required for updates to the databases of E911, LIDB, and Directory Builder.</p>	
<p>Description:</p> <ul style="list-style-type: none"> Measures the average time required to update the databases of E911, LIDB, and Directory Builder. Includes all database updates as specified under Disaggregation Reporting completed during the reporting period. For DB-1A the time to update the E911 database is provided by the third party vendor that performs the update. The elapsed time is captured automatically by the database system. There are no "individual E911 database update records" provided with which to measure the database update process. The numerator of DB-1A is calculated by multiplying the vendor-calculated results (Average Minutes in Process Time) by the denominator (Count of records Processed). This method produces a result from the vendor data that is the same as that which would be produced by totalling the update times from individual E911 database update records. 	
<p>Reporting Period: One month</p>	<p>Unit of Measure: E911 – Hrs: Mins. LIDB & Directory Listings – Seconds</p>
<p>Reporting Comparisons: DB-1A - E911: Combined results for Qwest Retail and Reseller CLEC Aggregate; DB-1B - LIDB: Combined results for all Qwest Retail, Reseller CLEC and Facilities Based CLEC updates; DB-1C-1 - Listings: Combined results for all Provider types including Qwest Retail, Reseller CLEC, and Facilities Based CLEC, ILEC and Unknown Provider, Electronically Submitted, Electronically Processed updates. ^{NOTE 1}</p>	<p>Disaggregation Reporting: DB-1A: E911 for Qwest Retail and Reseller CLEC–State level DB-1B: LIDB for Qwest Retail, Reseller CLEC and Facilities Based CLEC – Multi state region-wide level DB-1C-1: Listings for all Provider types including Qwest Retail, Reseller CLEC, and Facilities Based CLEC, ILEC and Unknown Provider, Electronically Submitted, Electronically Processed–Sub-region applicable to state</p>
<p>Formula: $\frac{\sum[(\text{Date and Time of database update for each database update as specified under Disaggregation Reporting in the reporting period}) - (\text{Date and Time of submissions of data for entry into the database for each database update as specified under Disaggregation Reporting in the reporting period})]}{\text{Total database updates as specified under Disaggregation Reporting completed in the reporting period}}$ </p>	
<p>Exclusion:</p> <ul style="list-style-type: none"> Invalid start/stop dates/times. 	

DB-1 – Time to Update Databases (continued)

Product Reporting: Not applicable (Reported by database type)		Standards: DB-1A-E911: Parity by design DB-1B-LIDB: Parity by design DB-1C-1 - Listings: Parity by design
Availability: Available	Notes: 1. Because they cannot be separated, results for Qwest Retail, Reseller CLEC, Facilities-based CLECs, ILEC and Unknown Provider updates are reported combined within these disaggregations.	

DB-2 – Accurate Database Updates

Purpose: Evaluates the accuracy of database updates completed without errors in the reporting period.	
Description: <ul style="list-style-type: none"> Measures the percentage of database updates completed without errors in the reporting period. Includes all database updates as specified under Disaggregation Reporting completed during the reporting period. 	
Reporting Period: One month	Unit of Measure: Percent
Reporting Comparisons: DB-2C-1 Listings – Combined results for all Qwest Retail, Reseller CLEC and Facilities-Based CLEC Electronically Submitted, Electronically Processed updates	Disaggregation Reporting: DB-2C-1, Listings for Qwest Retail, Reseller CLEC, and Facilities-Based CLEC Electronically Submitted, Electronically Processed updates: Statewide
Formula: $\left[\frac{\text{Total database updates as specified under Disaggregation Reporting completed without errors in the reporting period}}{\text{Total database updates as specified under Disaggregation Reporting completed in the reporting period}} \right] \times 100$	
Exclusions: Invalid start/stop dates/times.	
Product Reporting: Not applicable (Reported by database type)	Standards: DB-2C-1 – Listings: Parity by design ^{NOTE 1}
Availability: Available	Notes: <ol style="list-style-type: none"> Qwest retail and Reseller CLECs are parity by design. Because Facilities-based CLEC Electronically Submitted, Electronically Processed cannot be separated out from Reseller CLECs they are reported combined within this disaggregation.

Directory Assistance

DA-1 – Speed of Answer – Directory Assistance

Purpose: Evaluates timeliness of customer access to Qwest's Directory Assistance operators, focusing on how long it takes for calls to be answered.	
Description: Measures the average time following first ring until a call is first picked up by the Qwest agent/system to answer Directory Assistance calls. <ul style="list-style-type: none"> • Includes all calls to Qwest directory assistance during the reporting period. • Because a system (electronic voice) prompts for city, state, and listing requested before the actual operator comes on the line, the first ring is defined as when the voice response unit places the call into queue. • Measurements are taken by sampling calls from the network queue at 10-second intervals. A count of calls in the queue is taken for every sampling event (10-second snapshot), and this count is multiplied by 10 to get a measurement of waiting intervals. • Using this method, calls that enter the queue after a sample is taken but exit before the next sample is taken are not counted, i.e., are effectively counted as a zero interval. However, this situation is offset by calls that enter just prior to a sampling time, but exit before the next sampling time, and which are counted as 10 seconds. The call intervals shorter than 10 seconds that are counted as 10 seconds are offset by those calls shorter than 10 seconds that are not counted. 	
Reporting Period: One month	Unit of Measure: Seconds
Reporting Comparisons: Results for Qwest and all CLECs are combined.	Disaggregation Reporting: Sub-region applicable to state
Formula: $\Sigma[(\text{Date and Time of Call Answer}) - (\text{Date and Time of First Ring})] \div (\text{Total Calls Answered by Center})$	
Exclusions: Abandoned Calls are not included in the total number of calls answered by the center.	
Product Reporting: None	Standard: Parity by design
Availability: <div style="text-align: center;">Available</div>	Notes:

Operator Services

OS-1 – Speed of Answer – Operator Services

Purpose: Evaluates timeliness of customer access to Qwest's operators, focusing on how long it takes for calls to be answered.	
Description: Measures the time following first ring until a call is answered by the Qwest agent. <ul style="list-style-type: none"> • Includes all calls to Qwest's operator services during the reporting period, subject to exclusions specified below. • Measurements are taken by sampling calls from the network queue at 10-second intervals. A count of calls in the queue is taken for every sampling event (10-second snapshot), and this count is multiplied by 10 to get a measurement of waiting intervals. • Using this method, calls that enter the queue after a sample is taken but exit before the next sample is taken are not counted, i.e., are effectively counted as a zero interval. However, this situation is offset by calls that enter just prior to a sampling time, but exit before the next sampling time, and which are counted as 10 seconds. The call intervals shorter than 10 seconds that are counted as 10 seconds are offset by those calls shorter than 10 seconds that are not counted. 	
Reporting Period: One month	Unit of Measure: Seconds
Reporting Comparisons: Qwest and all CLECs are aggregated in a single measure.	Disaggregation Reporting: Sub-region applicable to state
Formula: $\Sigma[(\text{Date and Time of Call Answer}) - (\text{Date and Time of First Ring})] \div (\text{Total Calls Answered by Center})$	
Exclusions: Abandoned Calls are not included in the total number of calls answered by the center.	
Product Reporting: None	Standard: Parity by design
Availability: <div style="text-align: center;">Available</div>	Notes:

Network Performance

NI-1 – Trunk Blocking

<p>Purpose: Evaluates factors affecting completion of calls from Qwest end offices to CLEC end offices, compared with the completion of calls from Qwest end offices to other Qwest end offices, focusing on average busy-hour blocking percentages in interconnection or interoffice final trunks.</p>	
<p>Description: Measures the percentage of trunks blocking in interconnection and interoffice final trunks.</p> <ul style="list-style-type: none"> • Includes blocking percentages on all direct final and alternate final interconnection and interoffice trunk groups that are in service during the reporting period, subject to exclusions specified below. 	
<p>Reporting Period: One month</p>	<p>Unit of Measure: Percent Blockage</p>
<p>Reporting Comparisons: CLEC aggregate, individual CLEC, and Qwest Interoffice trunk blocking results.</p>	<p>Disaggregation Reporting: Statewide level. Reports the percentage of trunks blocking in interconnection final trunks, reported by:</p> <ul style="list-style-type: none"> N† 1A Interconnection (LIS) trunks to Qwest tandem offices, with TGSR-related exclusions applied as specified below; N† 1B LIS trunks to Qwest end offices, with TGSR-related exclusions applied as specified below; N† 1C LIS trunks to Qwest tandem offices, without TGSR-related exclusions; N† 1D LIS trunks to other Qwest end offices, without TGSR-related exclusions.
<p>Formula: $\{[\sum(\text{Blockage in Final Trunk Group of Specified Type}) \times (\text{Number of Circuits in Trunk Group})] \div (\text{Total Number of Final Trunk Circuits in all Final Trunk Groups})\} \times 100$ </p> <p>Explanation: Actual average percentage of trunk blockage is calculated by dividing the equivalent average number of trunk circuits blocking by the total number of trunk circuits in final trunks of the type being measured.</p>	
<p>Exclusions: For NI-1A and NI-1B only:</p> <ul style="list-style-type: none"> • Trunk groups, blocking in excess of one percent in the reporting period, for which: <ul style="list-style-type: none"> – A Trunk Group Service Request (TGSR)^{NOTES 1 & 2} has been issued in the reporting period; or – CLECs do not submit, within 20 calendar days of receiving a TGSR: <ul style="list-style-type: none"> a) Responsive ASRs (or have ASRs pending that are delayed for CLEC reasons^{NOTE 3}); b) Trouble Reports; or c) Notification of traffic re-routing (as described in Note 1 below). <p>For NI-1A, NI-1B, NI-1C, and NI-1D:</p> <ul style="list-style-type: none"> • Trunk groups, blocking in excess of one percent in the reporting period, for which Qwest can identify, in time to incorporate in the regular reporting of this measurement, the cause as being attributable to: <ul style="list-style-type: none"> – Trunk group out-of-service conditions arising from cable cuts, severe weather, or force majeure circumstances; – The CLEC placing trunks in a “busy” condition; – Lack of interconnection facilities to fulfill LIS requests for which the CLEC did not provide a timely forecast to Qwest. (This portion of the exclusion is limited to being applied in (a) the month the LIS requests could not be fulfilled, due to <u>lack of facilities</u>, and (b) each month thereafter up to the month following facility availability OR up to five months after the month the LIS requests could not be fulfilled, whichever is sooner^{NOTE 4}); or – Isolated incidences of blocking, about which Qwest provides notification to the CLEC, that (a) are not recurring or persistent (affecting the same trunk groups), (b) do not warrant corrective action by CLEC or Qwest, and (c) thus, do not require an actionable TGSR. 	

NI-1 – Trunk Blocking (Continued)

<ul style="list-style-type: none"> • Trunk groups recently activated that have not been in service for a full “20-high-day, busy hour” review period. • Toll trunks, non-final trunks, and trunks that are not connected to the public switched network. • One-way trunks originating at CLEC end offices. • Qwest official services trunks, local interoffice operator and directory assistance trunks, and local interoffice 911/E911 trunks. • Records with invalid product codes. • Records missing data essential to the calculation of the measurement per the PID. 	
<p>Product Reporting: LIS Trunks</p>	<p>Standards: Where NI-1A ≤ 1%: 1 % Where NI-1A > 1%: Parity with Qwest Interoffice Trunks to tandems Where NI-1B ≤ 1%: 1 % Where NI-1B > 1%: Parity with Qwest Interoffice Trunks to end offices NI 1C and NI-1D: Diagnostic ^{NOTE 5}</p>
<p>Availability: Available</p>	<p>Notes:</p> <ol style="list-style-type: none"> 1. Qwest uses TGSRs to notify CLECs when trunk blocking exceeds standard thresholds or is determined to be persistent. To respond properly to TGSRs, a CLEC must (a) submit within 20 days ASRs to provide necessary trunk augmentations to avoid further blocking, (b) notify Qwest within 20 days that it is initiating a Trouble Report where Qwest traffic routing problems are causing the blocking referenced by the TGRS, or (c) notify Qwest that the CLEC will undertake its own re-routing of traffic within 20 days to alleviate the blocking. 2. The TGRS-related exclusion is applied in the month in which the TGRS is issued and in the month in which the above-specified 20-day response period ends. Thus, any trunk group excluded in one month will not be excluded in the next month, unless there is (a) a 20-day period following a TGRS ends in that month, (b) there is another TGRS applicable to the next month for the same trunk group or (c) an exception documented, in lieu of issuing a subsequent TGRS, where the CLEC’s response to the previous TGRS indicated that, for its own reasons, it plans to take no action at any time to augment the trunk group. 3. CLEC delays are reflected by CLEC-initiated order supplements that move the due date later. <ol style="list-style-type: none"> a) Qwest-initiated due date delays, including supplements made pursuant to Qwest requests to delay due dates, shall not be counted as CLEC delays in this measurement. b) Qwest-initiated due date changes to earlier dates that the CLEC does not meet shall not be counted as a CLEC delay in this measurement unless the earlier dates were mutually agreed-upon. c) CLEC delays (e.g., “customer not ready” in advance of a due date) that do not contribute to a Qwest-established due date being missed shall not be counted as a CLEC delay in this measurement. 4. The limitation on part (3) of this exclusion is intended to bound its applicability to a period of time that treats the unforecasted ASR as if it were, in effect, the first forecast for the facilities needed. <ol style="list-style-type: none"> a) Given that forecast advance intervals are currently six months, this provision allows the exclusion to apply for no longer than that period of time. b) Nevertheless, this limitation to the exclusion also recognizes that facilities may become available sooner and, if so, reduces the limitation accordingly. In that context, this limitation recognizes that, absent a CLEC forecast, Qwest still retains a responsibility to provide facilities for the ASR, although in a longer timeframe than for ASRs covered by forecasts. NI-1C and NI-1D will be reported for information purposes only, with no standard to be applied. c) This limitation may change depending on the outcome of separate workshops dealing with issues of interconnection forecasting. 5. NI 1C and NI-1D will be reported for information purposes only, with no standard to be applied.

NP-1 – NXX Code Activation

<p>Purpose: Evaluates the timeliness of Qwest's NXX code activation prior to the LERG effective date or by the "revised" effective date, as set forth herein.</p>	
<p>Description: NP-1A: Measures the percentage of NXX codes activated in the reporting period that are actually loaded and tested prior to the LERG effective date or the "revised" date, subject to exclusions shown below. NP-1B: Measures the percentage of NXX codes activated in the reporting period that are delayed beyond the LERG date or "revised" date due to Qwest-caused Interconnection Facility delays, subject to exclusions shown below. Included among activations counted as a Qwest delay in this sub-measurement are cases in which "2-6 codes" ^{NOTE 1} associated with the Qwest interconnection facilities are provided late by Qwest to the CLEC.</p> <ul style="list-style-type: none"> • Qwest must receive complete and accurate routing information required for code activation, which includes but is not limited to "2-6 codes" for all interconnection trunk groups associated with the activation no less than 25 days prior to the LERG Due Date or Revised Due Date. • The "revised" date, for purposes of this measurement, is a CLEC-initiated renegotiation of the activation effective date that is no less than 25 days after Qwest receives complete and accurate routing information required for code activation, which includes but is not limited to "2-6 codes" for all interconnection trunk groups associated with the activation. • The NXX code activation notice is provided by the LERG (Local Exchange Routing Guide) to Qwest. • NXX code activation is defined as complete when all translations associated with the new NXX are complete by 11:59 p.m. of the day prior to the date identified in the LERG or the "revised" date (if different than the LERG date). • The NXX code activation completion process includes testing, including calls to the test number when provided. 	
<p>Reporting Period: One month</p>	<p>Unit of Measure: Percent</p>
<p>Reporting Comparisons: CLEC aggregate, individual CLEC and Qwest Retail results.</p>	<p>Disaggregation Reporting: Statewide.</p>
<p>Formula: NP-1A = [(Number of NXX codes loaded and tested in the reporting period prior to the LERG effective date or the "revised" date) ÷ (Number of NXX codes loaded and tested in the reporting period)] x 100 NP-1B = [(Number of NXX codes loaded and tested in the reporting period that were delayed past the LERG effective date or "revised" date affected by Qwest Interconnection Facility Delays) ÷ (Number of NXX codes loaded and tested in the reporting period, including NXX codes loaded and tested in the reporting period that were delayed past the LERG effective date or the "revised" date due to Interconnection Facility Delays)] x 100</p>	
<p>Exclusions: NP-1A:</p> <ul style="list-style-type: none"> • NXX code activations completed after the LERG date or "revised" date due to delays in the installation of Qwest provided interconnection facilities associated with the activations. ^{NOTE 2} <p>NP-1A and NP-1B:</p> <ul style="list-style-type: none"> • NXX codes with LERG dates or "revised" dates resulting in loading intervals shorter than industry standard (currently 45 calendar days). • NXX codes where QWEST received complete and accurate routing information required for code activations less than 25 days prior to the LERG due date or Revised due date. 	

NP-1 – NXX Code Activation (continued)

Product Reporting: None	Standards: NP-1A: Parity NP-1B: Diagnostic
Availability: Available	Notes: <ol style="list-style-type: none">1. "2-6 codes" are industry-standard designators for local interconnection trunk groups, consisting of 2 alpha letters and six numeric digits.2. Only Qwest-provided interconnection facilities are noted in this exclusion, because delays related to facilities provided by CLECs or others are accounted for by revising the due date.

Collocation

CP-1 – Collocation Completion Interval

Purpose:

Evaluates the timeliness of Qwest's installation of collocation arrangements for CLECs, focusing on the average time to complete such arrangements.

Description:

Measures the interval between the Collocation Application Date and Qwest's completion of the collocation installation.

- Includes all collocations of types specified herein that are assigned a Ready for Service (RFS) date by Qwest and completed during the reporting period, subject to exclusions specified below.
- Collocation types included are: physical cageless, physical caged, shared physical caged, physical-line sharing, cageless-line sharing, and virtual. ^{NOTE 1}
- The Collocation Application Date is the date Qwest receives from the CLEC a complete and valid application for collocation. In cases where the CLEC's collocation application is received by Qwest on a weekend or holiday, the Collocation Application Date is the next business day following the weekend or holiday.
- Major Infrastructure Modifications include conditioning the collocation space, obtaining permits, and installing DC power plant, standby generators, heating, venting or air conditioning equipment.
- Completion of the collocation installation is the date on which the requested collocation arrangement is "Ready For Service" as defined in the Definition of Terms section herein.
- Establishment of RFS Dates: RFS dates are established according to intervals specified in interconnection agreements. Where an interconnection agreement does not specify intervals, or where the CLEC requests, RFS dates are established as follows:
 - **Collocation Applications with Timely Quote Acceptance and, for Virtual Collocations, also with Timely Equipment Ready** – for collocation applications where the CLEC accepts the quote in seven or fewer calendar days after the quote date and, for virtual collocations, where the CLEC provides the equipment to be collocated to Qwest 53 calendar days or less after the Collocation Application Date, the RFS date shall be:
 - **Forecasted Collocations**: 90 calendar days after the Collocation Application Date for collocations for which the CLEC provides a complete forecast to Qwest 60 or more calendar days in advance of the Collocation Application Date.
 - **Unforecasted Collocations**: 120 calendar days after the Collocation Application Date for collocations for which the CLEC does not provide a forecast to Qwest 60 or more calendar days in advance of the Collocation Application Date.
 - **Collocation Applications with Late Quote Acceptance and, for Virtual Collocations, also with Timely Equipment Ready** – for collocation applications where the CLEC accepts the quote in eight or more calendar days after the quote date and, for virtual collocations, where the CLEC provides the equipment to be collocated to Qwest 53 calendar days or less after the Collocation Application Date, the RFS date shall be:
 - **Forecasted Collocations**: 90 calendar days after the quote acceptance date for collocations for which the CLEC provides a complete forecast to Qwest 60 or more calendar days in advance of the Collocation Application Date.
 - **Unforecasted Collocations**: 120 calendar days after the quote acceptance date for collocations for which the CLEC does not provide a forecast to Qwest 60 or more calendar days in advance of the Collocation Application Date.
 - **Virtual Collocation Applications with Timely Quote Acceptance and Late Equipment Ready** – for virtual collocation applications where the CLEC (1) accepts the quote in seven or fewer calendar days after the quote date and (2) provides the equipment to be collocated to Qwest more than 53 calendar days after the Collocation Application Date, the RFS date shall be:
 - **Forecasted Collocations**: 45 calendar days after the equipment is provided to Qwest, for collocations for which the CLEC provides a complete forecast to Qwest 60 or more calendar days in advance of the Collocation Application Date.
 - **Unforecasted Collocations**: 75 calendar days after the equipment is provided to Qwest, for

CP-1 – Collocation Completion Interval (continued)

collocations for which the CLEC does not provide a forecast to Qwest 60 or more calendar days in advance of the Collocation Application Date.

- **Virtual Collocation Applications with Late Quote Acceptance and Late Equipment Ready** – for virtual collocation applications where the CLEC (1) accepts the quote in eight or more calendar days after the quote date and (2) provides the equipment to be collocated to Qwest more than 53 calendar days after the Collocation Application Date, the RFS date shall be:
 - **Forecasted Collocations:** 45 calendar days after the equipment is provided to Qwest, for collocations for which the CLEC provides a complete forecast to Qwest 60 or more calendar days in advance of the Collocation Application Date.
 - **Unforecasted Collocations:** 75 calendar days after the equipment is provided to Qwest, for collocations for which the CLEC does not provide a forecast to Qwest 60 or more calendar days in advance of the Collocation Application Date.
- **All Collocations (physical, virtual, forecasted, or unforecasted) requiring Major Infrastructure Modifications:** the later of (1) up to 150 calendar days (as specified in the quote) after the Collocation Application Date, or (2) for virtual collocations, 45 days following the date equipment to be collocated is provided to Qwest for collocations in which Major Infrastructure Modifications are required. Qwest will provide to the CLEC, as part of the quotation, the need for, and the duration of, such extended intervals.
- When a CLEC submits six (6) or more Collocation applications in a one-week period in any state, completion intervals will be individually negotiated. These collocation arrangements will be included in CP-1A, -1B, or -1C according to the interval criteria specified below for these measurements.
- Where there is a CLEC-caused delay, the RFS Date is rescheduled
- RFS dates may be extended beyond the above intervals for CLEC reasons, or for reasons beyond Qwest’s control, but not for Qwest reasons.
- Where CLECs do not accept the quote within thirty days of the quote date, the application is considered expired.

CP-1A Measures collocation installations for which the scheduled interval from Collocation Application Date to RFS date is 90 calendar days or less.

CP-1B Measures collocation installations for which the scheduled interval from Collocation Application Date to RFS date is 91 to 120 calendar days.

CP-1C Measures collocation installations for which the scheduled interval from Collocation Application Date to RFS date is 121 to 150 calendar days.

Reporting Period: One month	Unit of Measure: Calendar Days
Reporting Comparisons: CLEC aggregate and individual CLEC results	Disaggregation Reporting: Statewide.

Formula: (for CP-1A, CP-1B and CP-1C)
 $\Sigma[(\text{Collocation Completion Date}) - (\text{Complete Application Date})] \div (\text{Total Number of Collocations Completed in Reporting Period})$

CP-1 – Collocation Completion Interval (continued)

Exclusions: <ul style="list-style-type: none"> • CP-1A: CLEC collocation applications with RFS dates yielding scheduled intervals longer than 90 calendar days from Collocation Application Date to RFS date. • CP-1B: CLEC collocation applications with RFS dates yielding scheduled intervals shorter than 91 calendar days or longer than 120 calendar days from Collocation Application Date to RFS date. • CP-1C: CLEC collocation applications with RFS dates yielding scheduled intervals shorter than 121 calendar days or longer than 150 calendar days from Collocation Application Date to RFS date. • Cancelled or expired applications. 	
Product Reporting: None	Standards: CP-1A: 90 calendar days CP-1B: 120 calendar days CP-1C: 150 calendar days
Availability: Available	Notes: 1. Collocations covered by this measurement are central office related. As additional types of central office collocation are defined and offered, they will be included in this measurement. Non-central office-based types of collocation (such as remote collocation and field connection points) will be considered for either inclusion in this measurement, or in new, separate measurements, after the terms, conditions, and processes for such collocation types become finalized, accepted, mature (i.e., six months of experience from first installations), and ordered in volumes warranting reporting (i.e., consistently more than two per month in any state).

CP-2 – Collocations Completed within Scheduled Intervals

Purpose:

Evaluates the extent to which Qwest completes collocation arrangements for CLECs within the standard intervals or intervals established in interconnection agreements.

Description:

Measures the percentage of collocation applications that are completed within standard intervals, including intervals set forth in interconnection agreements.

- Includes all collocations of types specified herein that are assigned a Ready for Service Date RFS date by Qwest and that are completed within the reporting period, including those with CLEC-requested RFS dates longer than the standard interval and those with extended RFS dates negotiated with the CLEC (including supplemented collocation orders that extend the RFS date) subject to exclusions specified below. Collocation types included are: physical cageless, physical caged, shared physical caged, physical-line sharing, cageless-line sharing, and virtual.^{NOTE 1}
- The Collocation Application Date is the date Qwest receives from the CLEC a complete and valid application for collocation. In cases where the CLEC's collocation application is received by Qwest on a weekend or holiday, the Collocation Application Date is the next business day following the weekend or holiday.
- Major Infrastructure Modifications are defined as conditioning the collocation space, obtaining permits, and installing DC power plant, standby generators, heating, venting or air conditioning equipment.
- A collocation arrangement is counted as met under this measurement if its RFS date is met.
- Establishment of RFS Dates: RFS dates are established as follows, except where interconnection agreements require different intervals, in which case the intervals specified in the interconnection agreements apply:
 - **Collocation Applications with Timely Quote Acceptance and, for Virtual Collocations, also with Timely Equipment Ready** – for collocation applications where the CLEC accepts the quote in seven or fewer calendar days after the quote date and, for virtual collocations, where the CLEC provides the equipment to be collocated to Qwest 53 calendar days or less after the Collocation Application Date, the RFS date shall be:
 - **Forecasted Collocations**: 90 calendar days after the Collocation Application Date for physical collocations for which the CLEC provides a complete forecast to Qwest 60 or more calendar days in advance of the Collocation Application Date.
 - **Unforecasted Collocations**: 120 calendar days after the Collocation Application Date for physical collocations for which the CLEC does not provide a forecast to Qwest 60 or more calendar days in advance of the Collocation Application Date.
 - **Collocation Applications with Late Quote Acceptance and, for Virtual Collocations, also with Timely Equipment Ready** – for collocation applications where the CLEC accepts the quote in eight or more calendar days after the quote date and, for virtual collocations, where the CLEC provides the equipment to be collocated to Qwest 53 calendar days or less after the Collocation Application Date, the RFS date shall be:
 - **Forecasted Collocations**: 90 calendar days after the quote acceptance date for collocations for which the CLEC provides a complete forecast to Qwest 60 or more calendar days in advance of the Collocation Application Date.
 - **Unforecasted Collocations**: 120 calendar days after the quote acceptance date for collocations for which the CLEC does not provide a forecast to Qwest 60 or more calendar days in advance of the Collocation Application Date.
 - **Virtual Collocation Applications with Timely Quote Acceptance and Late Equipment Ready** – for virtual collocation applications where the CLEC (1) accepts the quote in seven or fewer calendar days after the quote date and (2) provides the equipment to be collocated to Qwest more than 53 calendar days after the Collocation Application Date, the RFS date shall be:
 - **Forecasted Collocations**: 45 calendar days after the equipment is provided to Qwest, for collocations for which the CLEC provides a complete forecast to Qwest 60 or more calendar days in advance of the Collocation Application Date.
 - **Unforecasted Collocations**: 75 calendar days after the equipment is provided to Qwest, for collocations for which the CLEC does not provide a forecast to Qwest 60 or more calendar days in advance of the Collocation Application Date.
- **Virtual Collocation Applications with Late Quote Acceptance and Late Equipment Ready** – for

CP-2 – Collocations Completed within Scheduled Intervals (continued)

virtual collocation applications where the CLEC (1) accepts the quote in eight or more calendar days after the quote date and (2) provides the equipment to be collocated to Qwest more than 53 calendar days after the Collocation Application Date, the RFS date shall be:

- **Forecasted Collocations:** 45 calendar days after the equipment is provided to Qwest, for collocations for which the CLEC provides a complete forecast to Qwest 60 or more calendar days in advance of the Collocation Application Date.
- **Unforecasted Collocations:** 75 calendar days after the equipment is provided to Qwest, for collocations for which the CLEC does not provide a forecast to Qwest 60 or more calendar days in advance of the Collocation Application Date.
- **All Collocations (physical, virtual, forecasted, or unforecasted) requiring Major Infrastructure Modifications:** the later of (1) up to 150 calendar days (as specified in the quote) after the Collocation Application Date, or (2) for virtual collocations, 45 calendar days following the date equipment to be collocated is provided to Qwest for collocations in which Major Infrastructure Modifications are required. Qwest will provide to the CLEC, as part of the quotation, the need for, and the duration of, such extended intervals.
- When a CLEC submits six (6) or more Collocation applications in a one-week period in any state, completion intervals will be individually negotiated. These collocation arrangements will be included in CP-2A, -2B, or -2C according to the criteria specified below for these measurements.
- Where there is a CLEC-caused delay, the RFS Date is rescheduled.
- Where CLECs do not accept the quote within thirty calendar days of the quote date, the application is considered expired.

CP-2A Forecasted Collocations: Measures collocation installations for which CLEC provides a forecast to Qwest 60 or more calendar days in advance of the Collocation Application Date.

CP-2B Non-Forecasted and Late Forecasted Collocations: Measures collocation installations for which CLEC does not provide a forecast to Qwest 60 or more calendar days in advance of the Collocation Application Date.

CP-2C All Collocations requiring Major Infrastructure Modifications and Collocations with intervals longer than 120 days: Measures all collocation installations requiring Major Infrastructure Modifications and collocations for which the RFS date is more than 120 calendar days after the Collocation Application Date.

Reporting Period: One month

Unit of Measure: Percent

Reporting Comparisons: CLEC aggregate and individual CLEC results

Disaggregation Reporting: Statewide level.

Formula: (for CP-2A, CP-2B and CP-2C)

$$[(\text{Count of Collocations for which the RFS is met}) \div (\text{Total Number of Collocations Completed in the Reporting Period})] \times 100$$

Exclusions:

- RFS dates missed for reasons beyond Qwest's control.
- Cancelled or expired requests.

Product Reporting: None

Standards:

CP-2A & -2B: 90%
CP-2C: 90%

CP-2 – Collocations Completed within Scheduled Intervals (continued)

Availability: Available	Notes: 1. Collocations covered by this measurement are central office related. As additional types of central office collocation are defined and offered, they will be included in this measurement. Non-central office-based types of collocation (such as remote collocation and field connection points) will be considered for either inclusion in this measurement, or in new, separate measurements, after the terms, conditions, and processes for such collocation types become finalized, accepted, mature (i.e., six months of experience from first installations), and ordered in volumes warranting reporting (i.e., consistently more than two per month in any state).
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CP-3 – Collocation Feasibility Study Interval

Purpose: Evaluates the timeliness of the Qwest sub-process function of providing a collocation feasibility study to the CLEC.	
Description: Measures average interval to respond to collocation studies for feasibility of installation. <ul style="list-style-type: none"> Includes feasibility studies, for collocations of types specified herein that are completed in the reporting period, subject to exclusions specified below. Collocation types included are: physical cageless, physical caged, shared physical caged, physical-line sharing, cageless-line sharing, and virtual.^{NOTE 1} Interval begins with the Collocation Application Date and ends with the date Qwest completes the Feasibility Study and provides it to the CLEC. The Collocation Application Date is the date Qwest receives from the CLEC a complete application for collocation. In cases where the CLEC's application for collocation is received by Qwest on a weekend or holiday, the Collocation Application Date is the next <u>business day</u> following the weekend or holiday. 	
Reporting Period: One month	Unit of Measure: Calendar Days
Reporting Comparisons: CLEC aggregate and individual CLEC results	Disaggregation Reporting: Statewide level.
Formula: $\Sigma[(\text{Date Feasibility Study provided to CLEC}) - (\text{Date Qwest receives CLEC request for Feasibility Study})] \div (\text{Total Feasibility Studies Completed in the Reporting Period})$	
Exclusions: <ul style="list-style-type: none"> CLEC-caused delays of, or CLEC requests for feasibility study completions resulting in greater than ten calendar days from Collocation Application Date to scheduled feasibility study completion date. 	
Product Reporting: None	Standard: 10 calendar days or less
Availability: Available	Notes: <ol style="list-style-type: none"> Collocations covered by this measurement are central office related. As additional types of central office collocation are defined and offered, they will be included in this measurement. Non-central office-based types of collocation (such as remote collocation and field connection points) will be considered for either inclusion in this measurement, or in new, separate measurements, after the terms, conditions, and processes for such collocation types become finalized, accepted, mature (i.e., six months of experience from first installations), and ordered in volumes warranting reporting (i.e., consistently more than two per month in any state).

CP-4 – Collocation Feasibility Study Commitments Met

Purpose: Evaluates the degree that Qwest completes the sub-process function of providing a collocation feasibility study to the CLEC as committed.	
Description: Measures the percentage of collocation feasibility studies for installations that are completed within the Scheduled Interval <ul style="list-style-type: none"> • The Scheduled Interval is ten calendar days from the Collocation Application Date or, if interconnection agreements call for different intervals, within intervals specified in the agreements, or if otherwise delayed by the CLEC, the interval resulting from the delay. • Includes all feasibility studies for collocations of types specified herein, that are completed in the reporting period. Collocation types included are: physical cageless, physical caged, shared physical caged, physical-line sharing, cageless-line sharing, and virtual. ^{NOTE 1} • Considers the interval from the Collocation Application Date to the date Qwest completes the Feasibility Study and provides it to the CLEC. • The Collocation Application Date is the date Qwest receives from the CLEC a complete application for collocation. In cases where the CLEC's application for collocation is received by Qwest on a weekend or holiday, the Collocation Application Date is the next <u>business day</u> following the weekend or holiday. • Subject to superceding terms in the CLEC's interconnection agreement, when a CLEC submits six (6) or more Collocation applications in a one-week period in any state, feasibility study intervals will be individually negotiated and the resulting intervals used instead of ten calendar days in this measurement. 	
Reporting Period: One month	Unit of Measure: Percent
Reporting Comparisons: CLEC aggregate and individual CLEC results	Disaggregation Reporting: Statewide level.
Formula: $[(\text{Total Applicable Collocation Feasibility studies completed within Scheduled Intervals}) \div (\text{Total applicable Collocation Feasibility studies completed in the reporting period})] \times 100$	
Exclusions: None	
Product Reporting: None	Standard: 90 percent or more
Availability: Available	Notes: 1. Collocations covered by this measurement are central office related. As additional types of central office collocation are defined and offered, they will be included in this measurement. Non-central office-based types of collocation (such as remote collocation and field connection points) will be considered for either inclusion in this measurement, or in new, separate measurements, after the terms, conditions, and processes for such collocation types become finalized, accepted, mature (i.e., six months of experience from first installations), and ordered in volumes warranting reporting (i.e., consistently more than two per month in any state).

DEFINITION OF TERMS

Application Date (and Time) – The date (and time) on which Qwest receives from the CLEC a complete and accurate local service request (LSR) or access service request (ASR) or retail order, subject to the following:

- For the following types of requests/orders, the application date (and time) is the start of the next business day:
 - (1) LSRs and ASRs received after 3:00PM MT for Designed Services and Local Number Portability (except non-designed, flow-through LNP).
 - (2) Retail orders received after 3:00 PM local time for Designed Services.
 - (3) LSRs received after 7:00PM MT for POTS Resale (Residence and Business), Non-Design Resale Centrex, non-designed UNE-P, Unbundled Loops, and non-designed, flow-through LNP.
 - (4) Retail orders for comparable non-designed services cannot be received after closing time, so the cutoff time is essentially the business office closing time.
- For all types of orders that are received from Friday at 7:00 PM MT through Sunday, or on holidays, and do not flow through, the application date (and time) is the next, non-weekend business day.

Automatic Location Information (ALI) – The feature of E911 that displays at the Public Safety Answering Point (PSAP) the street address of the calling telephone number. This feature requires a data storage and retrieval system for translating telephone numbers to the associated address. ALI may include Emergency Service Number (ESN), street address, room or floor, and names of the enforcement, fire and medical agencies with jurisdictional responsibility for the address. The Management System (E911) database is used to update the Automatic E911 Location Information databases.

Bill Date – The date shown at the top of the bill, representing the date on which Qwest begins to close the bill.

Blocking – Condition on a telecommunications network where, due to a maintenance problem or an traffic volumes exceeding trunking capacity in a part of the network, some or all originating or terminating calls cannot reach their final destinations. Depending on the condition and the part of the network affected, the network may make subsequent attempts to complete the call or the call may be completely blocked. If the call is completely blocked, the calling party will have to re-initiate the call attempt.

Business Day – Workdays that Qwest is normally open for business. Business Day = Monday through Friday, excluding weekends and Qwest published Holidays including New Year's Day, Memorial Day, July 4th, Labor Day, Thanksgiving and Christmas. Individual measurement definitions may modify (typically expanding) this definition as described in the Notes section of the measurement definition.

Cleared Trouble Report – A trouble report for which the trouble has been cleared, meaning the customer is "back in service".

Closed Trouble Report – A trouble report that has been closed out from a maintenance center perspective, meaning the ticket is closed in the trouble reporting system following repair of the trouble.

Code Activation (Opening) – Process by which new NPA/NXXs (area code/prefix) is defined, through software translations to network databases and switches, in telephone networks. Code activation (openings) allow for new groups of telephone numbers (usually in blocks of 10,000) to be made available for assignment to an ILEC's or CLEC's customers, and for calls to those numbers to be passed between carriers.

Common Channel Signaling System 7 (CCSS7) – A network architecture used to for the exchange of signaling information between telecommunications nodes and networks on an out-of-band basis. Information exchanged provides for call set-up and supports services and features such as CLASS and database query and response.

Common Transport – Trunk groups between tandem and end office switches that are shared by more than one carrier, often including the traffic of both the ILEC and several CLECs.

Completion – The time in the order process when the service has been provisioned and service is available.

DEFINITION OF TERMS (continued)

Completion Notice – A notification the ILEC provides to the CLEC to inform the CLEC that the requested service order activity is complete.

Coordinated Customer Conversion -- Orders that have a due date negotiated between the ILEC, the CLEC, and the customer so that work activities can be performed on a coordinated basis under the direction of the receiving carrier.

Customer Requested Due Date – A specific due date requested by the customer which is either shorter or longer than the standard interval or the interval offered by the ILEC.

Customer Trouble Reports – A report that the carrier providing the underlying service opens when notified that a customer has a problem with their service. Once resolved, the disposition of the trouble is changed to closed.

Dedicated Transport – A network facility reserved to the exclusive use of a single customer, carrier or pair of carriers used to exchange switched or special, local exchange, or exchange access traffic.

Delayed Order – An order which has been completed after the scheduled due date and/or time.

Directory Assistance Database – A database that contains subscriber records used to provide live or automated operator-assisted directory assistance. Including 411, 555-1212, NPA-555-1212.

Directory Listings – Subscriber information used for DA and/or telephone directory publishing, including name and telephone number, and optionally, the customer's address.

DS-0 – Digital Service Level 0. Service provided at a digital signal speed commonly at 64 kbps, but occasionally at 56 kbps.

DS-1 – Digital Service Level 1. Service provided at a digital signal speed of 1.544 Mbps.

DS-3 – Digital Service Level 3. Service provided at a digital signal speed of 44.736 Mbps.

Due Date – The date provided on the Firm Order Confirmation (FOC) the ILEC sends the CLEC identifying the planned completion date for the order.

End Office Switch – A switch from which an end users' exchange services are directly connected and offered.

Final Trunk Groups – Interconnection and interoffice trunk groups that do not overflow traffic to other trunk groups when busy.

Firm Order Confirmation (FOC) – Notice the ILEC sends to the CLEC to notify the CLEC that it has received the CLECs service request, created a service order, and assigned it a due date.

Flow-Through – The term used to describe whether a LSR electronically is passed from the OSS interface system to the ILEC legacy system to automatically create a service order. LSRs that do not flow through require manual intervention for the service order to be created in the ILEC legacy system.

Interval Zone 1/Zone 2 – Interval Zone 1 areas are wire centers for which Qwest specifies shorter standard service intervals than for Interval Zone 2 areas.

Installation – The activity performed to activate a service.

Installation Troubles – A trouble, which is identified after service order activity and installation, has completed on a customer's line. It is likely attributable to the service activity (within a defined time period).

Interconnection Trunks – A network facility that is used to interconnect two switches generally of different local exchange carriers

Inward Activity – Refers to all orders for new or additional lines/circuits. For change order types, additional lines/circuits consist of all C orders with "I" and "T" action coded line/circuit USOCs that represent new or additional lines/circuits, including conversions from retail to CLEC and CLEC to CLEC.

Jeopardy – A condition experienced in the service provisioning process which results potentially in the inability of a carrier to meet the committed due date on a service order

Jeopardy Notice – The actual notice that the ILEC sends to the CLEC when a jeopardy has been identified.

Lack of Facilities – A shortage of cable facilities identified after a due date has been committed to a customer, including the CLEC. The facilities shortage may be identified during the inventory assignment process or during the service installation process, and typically triggers a jeopardy.

Local Exchange Routing Guide (LERG) – A Bellcore master file that is used by the telecom industry to identify NPA-NXX routing and homing information, as well as network element and equipment designations. The file also includes scheduled network changes associated with activity within the North American Numbering Plan (NANP).

Local Exchange Traffic – Traffic originated on the network of a LEC in a local calling area that terminates to another LEC in a local calling area.

DEFINITION OF TERMS (continued)

Local Number Portability (formerly defined under Permanent Number Portability and also known as – Long Term Number Portability) – A network technology which allows end user customers to retain their telephone number when moving their service between local service providers. This technology does not employ remote call forwarding, but actually allows the customer's telephone number to be moved and redefined in the network of the new service provider. The activity to move the telephone number is called "porting."

Local Service Request (LSR) – Transaction sent from the CLEC to the ILEC to order services or to request a change(s) be made to existing services.

MSA/Non-MSA – Metropolitan Statistical Area is a government defined geographic area with a population of 50,000 or greater. Non-Metropolitan Statistical Area is a government defined geographic area with population of less than 50,000. Qwest depicts MSA Non-MSA based on NPA NXX. Where a wire center is predominantly within an MSA, all lines are counted within the MSA.

Mechanized Bill – A bill that is delivered via electronic transmission.

NXX, NXX Code or Central Office Code – The three digit switch entity indicator that is defined by the "D", "E", and "F" digits of a 10-digit telephone number within the NANP. Each NXX Code contains 10,000 station numbers.

Plain Old Telephone Service (POTS) – Refers to basic 2-wire, non-complex analog residential and business services. Can include feature capabilities (e.g., CLASS features).

Projects – Service requests that exceed the line size and/or level of complexity which would allow for the use of standard ordering and provisioning processes. Generally, due dates for projects are negotiated, coordination of service installations/changes is required and automated provisioning may not be practical.

Query Types – Pre-ordering information that is available to a CLEC that is categorized according to standards issued by OBF and/or the FCC.

Ready For Service (RFS) – The status achieved in the installation of a collocation arrangement when all "operational" work has been completed. Operational work consists of the following as applicable to the particular type of collocation:

- Cage enclosure complete;
- DC power is active (including fuses available, BDFB [Battery Distribution Fuse Board] in place, and cables between the CLEC and power terminated);
- Primary AC outlet in place;
- Cable racking and circuit terminations are complete (e.g. fiber jumpers placed between the Outside Plant Fiber Distribution Panel and the Central Office Fiber Distribution Panel serving the CLEC). and
- The following items complete, subject to the CLEC having made required payments to Qwest (e.g., final payment): (If the required CLEC payments have not been made, the following items are not required for RFS):
 - Key turnover made available to CLEC.
 - APOT/CFA complete, as defined/required in the CLEC's interconnection agreement and
 - Basic telephone service and other services and facilities complete, if ordered by CLEC in time to be provided on the scheduled RFS date (per Qwest's published standard installation intervals for such telephone service).

Ready for Service Date (RFS date) – The due date assigned to a collocation order (typically determined by regulatory rulings, contract terms, or negotiations with CLEC) to indicate when collocation installation is scheduled to be ready for service, as defined above.

Reject – A status that can occur to a CLEC submitted local service request (LSR) when it does not meet certain criteria. There are two types of rejects: (1) syntax, which occur if required fields are not included in the LSR; and (2) content, which occur if invalid data is provided in a field. A rejected service request must be corrected and re-submitted before provisioning can begin.

Repeat Report – Any trouble report that is a second (or greater) report on the same telephone number/circuit ID and at the same premises address within 30 days. The original report can be any category, including excluded reports, and can carry any disposition code.

Service Group Type – The designation used to identify a category of similar services, .e.g., UNE loops.

Service Order – The work order created and distributed in ILECs systems and to ILEC work groups in response to a complete, valid local service request.

DEFINITION OF TERMS (continued)

Service Order Type – The designation used to identify the major types of provisioning activities associated with a local service request.

Standard Interval – The interval that the ILEC publishes as a guideline for establishing due dates for provisioning a service request. Typically, due dates will not be assigned with intervals shorter than the standard. These intervals are specified by service type and type of service modification requested. ILECs publish these standard intervals in documents used by their own service representatives as well as ordering instructions provided to CLECs in the Qwest Standard Interval Guidelines.

Subsequent Reports – A trouble report that is taken in relation to a previously-reported trouble prior to the date and time the initial report has a status of “closed.”

Tandem Switch – Switch used to connect and switch trunk circuits between and among Central Office switches.

Time to Restore – The time interval from the receipt, by the ILEC, of a trouble report on a customer’s service to the time service is fully restored to the customer.

Unbundled Network Element – Platform (UNE-P) – Combinations of network elements, including both new and conversions, involving POTS (i.e., basic services providing dial tone).

Unbundled Loop - The Unbundled Loop is a transmission path between a Qwest Central Office Distribution Frame, or equivalent, and the Loop Demarcation Point at an end user premises. Loop Demarcation Point is defined as the point where Qwest owned or controlled facilities cease, and CLEC, end user, owner or landlord ownership of facilities begins.

Usage Data – Data generated in network nodes to identify switched call data on a detailed or summarized basis. Usage data is used to create customer invoices for the calls.

GLOSSARY OF ACRONYMS

<u>ACRONYM</u>	<u>DESCRIPTION</u>
ACD	Automatic Call Distributor
ADSL	Asymmetric Digital Subscriber Line
ALI	Automatic Line Information (for 911/E911 systems)
ASR	Service Request (processed via Exact system)
BRI	Basic Rate Interface (type of ISDN service)
CABS	Carrier Access Billing System
CKT	Circuit
CLEC	Competitive Local Exchange Carrier
CO	Central Office
CPE	Customer Premises Equipment
CRIS	Customer Record Information System
CSR	Customer Service Record
DA	Directory Assistance
DB	Decibel
DB	Database
DS0	Digital Service 0
DS1	Digital Service 1
DS3	Digital Service 3
E911 MS	E911 Management System
EAS	Extended Area Service
EB-TA	Electronic Bonding – Trouble Administration
EDI	Electronic Data Interchange
EELS	Enhanced Extended Loops
ES	Emergency Services (for 911/E911)
FOC	Firm Order Confirmation
GUI	Graphical User Interface
HDSL	High-Bit-Rate Digital Subscriber Line
HICAP	High Capacity Digital Service
IEC	Interexchange Carrier
ILEC	Incumbent Local Exchange Carrier
INP	Interim Number Portability
IOF	Interoffice Facilities (refers to trunk facilities located between Qwest central offices)
ISDN	Integrated Services Digital Network
IMA	Interconnect Mediated Access
LATA	Local Access Transport Area
LERG	Local Exchange Routing Guide
LIDB	Line Identification Database
LIS	Local Interconnection Service Trunks
LNP	Long Term Number Portability
LSR	Local Service Request
N, T, C	Service Order Types -- N (new), T (to or transfer), C (change)
NANP	North American Numbering Plan
NDM	Network Data Mover
NPAC	Number Portability Administration Center
NXX	Telephone number prefix
OBF	Ordering and Billing Forum

GLOSSARY OF ACRONYMS (continued)

ACRONYM	DESCRIPTION
OOS	Out of service (type of trouble condition)
OSS	Operations Support Systems
PBX	Private Branch Exchange
PON	Purchase Order Number
POTS	Plain Old Telephone Service
PRI	Primary Rate Interface (type of ISDN service)
RFS	Ready for Service (refers to collocation installations)
SIA	SAAFE (Strategic Application Architecture Framework and Environment) Information Access
SOP	Service Order Processor
SOT	Service Order Type
SS7	Signaling System 7
STP	Signaling Transfer Point
TN	Telephone Number
UDIT	Unbundled Dedicated Interoffice Transport
UNE	Unbundled Network Element
UNE-P	Unbundled Network Element – Platform
VRU	Voice Response Unit
WFA	Work Force Administration
XDSL	(x) Digital Subscriber Line. (The “x” prefix refers to DSL generically. An “x” replaced by an “A” refers to Asymmetric DSL, and by an “H” refers to High-bit-rate DSL.)

APPENDIX A

PO-20 Feature Detail Fields

Feature Detail

Resale and UNE-P (POTS and Centrex 21):

CFN

Validate the call forwarding TN

CFNB

Validate the call forwarding TN

CFND

Validate the call forwarding TN

RCYC

FID associated with a call forwarding don't answer USOC that determines how many rings before the call forwards to the TN provided with the CFN or CFND FIDs.

HLN (HLA Hot Line)

FID associated with the USOC HLA (which is on our USOC list to validate.) The Hot Line feature call forwards automatically to a pre-programmed number. This TN is provided following the HLN FID. The data provided in the Feature Detail section on the LSR will be validated against the HLN FID on the service order to determine whether the FID is present and the TN provided on the LSR with the FID is correct on the service order.

LINK (HME CALL FORWARDING TO CELLULAR)

FID associated with the USOC HME (which is on our USOC list to validate.) The HME feature call forwards a call from the landline telephone number to a cellular telephone number. The LINK FID, along with the PCS telephone number provided in the Feature Detail section on the LSR, will be validated against the LINK FID on the service order to determine whether the FID is present and the telephone number provided on the LSR matches the telephone number on the service order.

DES on DID MBB

If the CLEC requests a DID voice mailbox the DID number will follow the FID DES on the LSR in the Feature Detail section and on the service order. The DES FID along with the DID telephone number provided in the Feature Detail section on the LSR will be validated against the DES FID on the service order to determine whether the FID is present and the DID telephone number provided on the matches the telephone number on the service order.

APPENDIX A (continued)

TN on Custom Ring USOC (RGG1A etc.)

We currently have 9 custom ring USOCs on our PO-20 USOC list. Along with the custom ring USOC is the TN FID. The TN FID along with the custom ring telephone number provided in the Feature Detail section on the LSR will be validated against the TN FID on the service order to determine whether the FID is present and the custom ring telephone provided on the LSR with the FID is correct on the service order. (The validation would only apply if the USOC and FID were present in the Feature Detail section of the LSR.)

CAS (if provided on LSR for SEA)

Call Screening Code Assignment is a FID associated with the selective class of call feature (which is on our USOC list to validate.) Along with the CAS FID is a two-digit number that indicates what type of screening is being requested. The CAS FID along with a two-digit number is provided in the Feature Detail section on the LSR. The PO-20 review will validate that the FID is floated on the service order behind the feature USOC and that the two-digit number matches the two-digit number provided on the LSR.

WW (if provided on LSR for TFM)

Working With is a FID associated with the transfer mailbox feature (which is on our USOC list to validate.) Along with the WW FID is a ten-digit number that indicates where the voice mailbox is located. The WW FID along with the ten-digit number is provided in the Feature Detail section on the LSR. The PO-20 review will validate that the FID is floated on the service order behind the feature USOC and that the ten-digit number matches the ten-digit number provided on the LSR.

MBOA (if provided on LSR for VFN)

Mailbox out-dial notification is a FID associated with the message notification feature (which is on our USOC list to validate.) Along with the MBOA FID is a two-digit alphanumeric combination that indicates where the notification will be sent (i.e., identifies pager type.) The MBOA FID along with the two-digit alphanumeric combination is provided in the Feature Detail section on the LSR. The PO-20 review will validate that the FID is floated on the service order behind the feature USOC and that the two-digit alphanumeric matches the two-digit alphanumeric provided on the LSR.

DES on VGT (if provided on LSR)

Description is a FID associated with the scheduled greeting feature (which is on our USOC list to validate.) Along with the DES FID is a ten-digit telephone number that reflects the DID mailbox number. The DES FID along with the ten-digit telephone number is provided in the Feature Detail section on the LSR. The PO-20 review will validate that the FID is floated on the service order behind the feature USOC and that the ten-digit telephone number matches the ten-digit telephone number provided on the LSR.

WLT (WLS Warm Line)

Warm line timeout is a FID associated with the warm line feature. Along with the WLT FID is a one or two numeric value that indicates the number of seconds that must elapse before the DMS-100 switch sets up the connection for a warm line service number. The WLT FID along with the one or two numeric value is provided in the Feature Detail section on the LSR. The PO-20 review will validate that the FID is floated on the service order behind the feature USOC and that the one or two numeric value matches the one or two numeric value provided on the LSR.

APPENDIX A (continued)

FIDs associated with WFA (800 service line feature which is on our USOC list to validate):

SIT (if provided on LSR for WFA)

Special identifying telephone number is a FID associated with the 800 service line feature. Along with the SIT FID is a ten-digit telephone number that reflects the 800, 888, 877, or 866 service line feature. The SIT FID along with the ten-digit telephone number is provided in the Feature Detail section on the LSR. The PO-20 review will validate that the FID is floated on the service order behind the feature USOC and that the ten-digit telephone number matches the ten-digit telephone number provided on the LSR.

SIS (if provided on LSR for WFA)

Special Identifying Telephone Number Supplemental is a FID associated with the 800 service line feature. The SIS FID along with a one-digit number is provided in the Feature Detail section on the LSR. The PO-20 review will validate that the FID is floated on the service order behind the feature USOC and that the one-digit number matches the one-digit number provided on the LSR.

ELN (if provided on LSR for WFA)

800 Service listed name is a FID associated with the 800 service line feature. Along with the ELN FID is a listed name, which follows the format of a business name. The ELN FID along with the name is provided in the Feature Detail section on the LSR. The PO-20 review will validate that the FID is floated on the service order behind the feature USOC and that the name matches the name provided on the LSR.

ELA (if provided on LSR for WFA)

800 listed address is a FID associated with the 800 service line feature. Along with the ELA FID is an address, which follows the format of a listed address plus LATA, State, and ZIP code. The ELA FID along with the address is provided in the Feature Detail section on the LSR. The PO-20 review will validate that the FID is floated on the service order behind the feature USOC and that the address matches the address provided on the LSR.

AOS (if provided on LSR for WFA)

Area of service is a FID associated with the 800 service line feature. Along with the AOS FID are one to two alphanumeric characters and three numeric characters which represents LATA and AC of the address. The AOS FID along with the additional characters are provided in the Feature Detail section on the LSR. The PO-20 review will validate that the FID is floated on the service order behind the feature USOC and that the additional characters match the additional characters provided on the LSR.

ALC (if provided on LSR for WFA)

IntraLATA carrier is a FID associated with the 800 service line feature. It indicates the IntraLATA carrier for the 800 service. Along with the ALC FID is the three-digit code (OTC) for the IntraLATA carrier. The ALC FID along with the three-digit code is provided in the Feature Detail section on the LSR. The PO-20 review will validate that the FID is floated on the service order behind the feature USOC and that the three-digit code matches the three-digit code provided on the LSR.

APPENDIX A (continued)

Resale and UNE-P Centrex 21

FIDs associated with SO3, SO5, SFB, C2TAX (Electronic Business Set USOCs which are on our USOC list to validate):

KEY (If provided on LSR for Electronic Business Set EBS USOCs)

Key Designation (KEY number) is a FID associated with the Electronic Business Set feature. Along with the KEY FID is a numeric value that indicates the key designated for different features or lines on the EBS. The KEY FID along with the numeric value is provided in the Feature Detail section on the LSR. The PO-20 review will validate that the FID is floated on the service order behind the feature USOC and that the numeric value matches the numeric value provided on the LSR.

MADN (If provided on LSR for Electronic Business Set EBS USOCs)

Multiple Appearance Directory Number Call Arrangement is a FID associated with the Electronic Business Set feature. Along with the MADN FID is a set of alpha values that indicate the type, appearance and ring status desired for different features or lines on the EBS. The KEY FID along with the alpha values is provided in the Feature Detail section on the LSR. The PO-20 review will validate that the FID is floated on the service order behind the feature USOC and that the alpha values match the alpha values provided on the LSR.

ROL (If provided on LSR for Electronic Business Set EBS USOCs)

Ring On Line is a FID associated with the Electronic Business Set feature. Along with the ROL FID is an alpha value that indicates if the line will ring (Y or N). The ROL FID along with the alpha value is provided in the Feature Detail section on the LSR. The PO-20 review will validate that the FID is floated on the service order behind the feature USOC and that the alpha value matches the alpha value provided on the LSR.

TTYD (If provided on LSR for C2TAX)

Terminal Type is a FID associated with the adjunct module feature. Along with the TTYD FID is a 4 character alpha value based on customer equipment. The TTYD FID along with the 4 character alpha value is provided in the Feature Detail section on the LSR. The PO-20 review will validate that the FID is floated on the service order behind the feature USOC and that the 4 character alpha value matches the 4 character alpha value provided on the LSR.

APPENDIX A (continued)

FIDs associated with E3PPK (CALL PICK-UP feature which is on our USOC list to validate):

CPG (If provided on LSR for E3PPK)

Call Pickup Group is a FID associated with the CALL PICK-UP feature. Along with the CPG FID is a 1-3 digit numeric value that identifies the call pickup group. The CPG FID along with the 1-3 digit numeric value is provided in the Feature Detail section on the LSR. The PO-20 review will validate that the FID is floated on the service order behind the feature USOC and that the 1-3 digit numeric value matches the 1-3 digit numeric value provided on the LSR.

CPUO (If provided on LSR for E3PPK)

Call Pickup-Originating is a FID associated with the CALL PICK-UP feature. Along with the CPUO FID is an alphanumeric value that identifies the call pickup group. The CPUO FID along with the alphanumeric value is provided in the Feature Detail section on the LSR. The PO-20 review will validate that the FID is floated on the service order behind the feature USOC and that the alphanumeric value matches alphanumeric value provided on the LSR.

CPUT (If provided on LSR for E3PPK)

Call Pickup-Terminating is a FID associated with the CALL PICK-UP feature. Along with the CPUT FID is an alphanumeric value that identifies the call pickup group. The CPUT FID along with the alphanumeric value is provided in the Feature Detail section on the LSR. The PO-20 review will validate that the FID is floated on the service order behind the feature USOC and that the alphanumeric value matches alphanumeric value provided on the LSR.

FIDs associated with GVJ, EZJ, GVZ, GV2, EVH, GVV (Speed Call feature USOCs that are on our USOC list to validate):

SCG (If provided on LSR for Speed call USOCs)

Speed Call Group is a FID associated with the Speed call feature. Along with the SCG FID is a 7 digit numeric value that identifies the controller of the group. The SCG FID along with the 7 digit numeric value is provided in the Feature Detail section on the LSR. The PO-20 review will validate that the FID is floated on the service order behind the feature USOC and that the 7 digit numeric value matches 7 digit numeric value provided on the LSR.

CSL (If provided on LSR for Speed call USOCs)

Change Speed Calling Group List is a FID associated with the Speed call feature. Along with the CSL FID is a 2 digit numeric value that identifies the size of the group list. The SCG FID along with the 7 digit numeric value is provided in the Feature Detail section on the LSR. The PO-20 review will validate that the FID is floated on the service order behind the feature USOC and that the 2 digit numeric value matches 2 digit numeric value provided on the LSR.

SCF (If provided on LSR for Speed call USOCs)

Speed Calling Feature Name is a FID associated with the Speed call feature. Along with the SCF FID is an alphanumeric value that identifies the controller of the shared list. The SCF FID along with the alphanumeric value is provided in the Feature Detail section on the LSR. The PO-20 review will validate that the FID is floated on the service order behind the feature USOC and that the alphanumeric value matches alphanumeric value provided on the LSR.

EXHIBIT C

RESERVED FOR FUTURE USE

EXHIBIT D

RESERVED FOR FUTURE USE

EXHIBIT E

RESERVED FOR FUTURE USE

EXHIBIT F

RESERVED FOR FUTURE USE

EXHIBIT G

RESERVED FOR FUTURE USE

EXHIBIT H

RESERVED FOR FUTURE USE

EXHIBIT I

RESERVED FOR FUTURE USE

EXHIBIT J

RESERVED FOR FUTURE USE