



Qwest Electronic Billing

Electronic Data Interchange
(EDI)

Customer Guide

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Section 1: Introduction to the Qwest Guideline

Purpose of Guideline

Introduction

The Consolidated Service Invoice/Statement Transaction Set (811) is a hierarchically structured transaction, which is designed for complex billing structures such as telephone bills. For the telecommunications industry, the 811 may contain up to nine hierarchical levels to provide sufficient data organizational flexibility with which to provide billing for multiple service providers and a variety of sub-billing arrangements. Billing detail can be provided by various bill components such as type of service, circuit number and/or telephone number, and details can be provided to the line item detail level.

This guideline is intended as a 'user friendly' approach to understanding the relationship of the Qwest paper bill to the various 811 segments. As such, this guideline represents, for the various telecommunications services offered in the 14 state billing region of Qwest, how the 811 transaction has been implemented..

This guideline conforms to the ANSI/ASC X12 standard for implementation guidelines. At a national level, the Telecommunication Industry Forum (TCIF) 811 Guideline, authored by the EDI Telecommunications Billing (ETB) group, should be used in conjunction with this guideline.

The TCIF guideline can be accessed on the Internet at:
<http://www.atis.org/atis/tcif/etb/aboutetb.htm>

The TCIF/ETB documentation represents an industry-wide perspective on the implementation of the 811 transaction set and it also contains more 'global' information about doing EDI. Qwest is an active member of ETB and is working with the committee to develop a more standardized model for the utilization of the 811 transaction set.

Scope of Guideline

Scope

The Qwest Electronic Data Interchange (EDI) Guideline is being provided to you, the Trading Partner, as a guide for the implementation of the 811 transaction set and the exchange of EDI data with Qwest.

Introduction To EDI

Overview of Processing the 811 Transaction Set

The 811 transaction set is divided in to three tables: Table 1 (Heading), Table 2 (Detail), and Table 3(Summary). Appendix A defines the segments used by Qwest.

Table 1, the *Heading Area*, is used to provide identification of the bill provider and the customer billed; i.e., the parties exchanging the bill (payer and payee); the account billed; the type of bill; and the date the payment is due.

Table 2, the *Detail Area*, provides details of charges and credits reflected in the invoice period with appropriate identification of the services billed and their supporting sub-line details by service provider. It contains both service usage and charge information

The detail area is divided into nine hierarchical levels:

Level 1, Service Provider level:

Contains information about the provider of the service(s). The information contained at the service provider level refers to the actual entity providing the service. There may be charge information for more than one service provider; i.e., both local and long distance providers.

Level 2, Billing Arrangement level:

Contains information about the billing arrangement. At Qwest, this level is used for 'Departmental Billing'.

Level 3, Sub-Billing Arrangement level:

This level can also contain information about the billing arrangement. At Qwest, this level is not used.

Level 4, Group level:

The Group level provides summary charge information for services rendered. In other words, it provides totals for different bill sections; i.e., monthly rate, long distance, order activity.

Level 5, Category level and

Level 6, Sub-category level:

These two levels are sub-divisions of the Group level. They provide further definition of the Level 4 charges, such as providing information about service order activity.

Level 7, Type level:
This level is not used by Qwest.

Level 8, Charge Detail level:
The Charge Detail level, when used, provides a further breakdown of HL 4 charges; e.g., sub-line item detail (USOC charges) or sub-totals of toll charges by station number.

Level 9, Line Detail level:
The Line Detail level contains data which further supports the charges presented at either Level 4 or Level 8. This would include such things as toll and usage sensitive detail.

For more information about the use and structure of the various HL levels, please refer to the *TCIF/EDI Guideline, Section 7.2.1.1.2.2*

Table 3, the *Summary Area*:

The Summary Area is used to provide the total amount due and statement information for the entire invoice. Statement information includes previous balance, total payments, detail adjustments, net adjustments and total amount due.

Within the Summary Area, there are several segments which can be used to validate the 811:

The TDS segment contains the charges for the current bill period; i.e. the current charges.

One or more ITAs – for 'Transfer Balances', for summary billed accounts

A BAL segment with 'PB' in BAL02 = Previous Month Balance

A BAL segment with 'NA' in BAL02 = Net adjustments for invoice

A BAL segment with 'TP' in BAL02 = Total payment amount.

A BAL segment with 'TT' in BAL02 = Total amount due.

Note: A TDS segment is always provided. However, ITA and BAL segments will only be provided when the applicable amount is not equal to zero.

As a means of validating the BAL and TDS amounts, the equation shown below can be used to sum up the ITA, BAL and TDS segment amounts to assure that they match to the amount shown in the 'BAL M TT':

BAL P PB amount (Previous Month Billed Amount)
Plus ITA (if summary billed account) one or more, for transfer balance amount(s)
Plus BAL M TP amount (Payments Applied, typically a negative amount)
Plus BAL NA amount (Net Adjustment)
Equal BAL M PB amount (Current Month Billed Amount)
Plus TDS amount (Current Charges)
Equal BAL M TT amount (Current Month Total Amount Due)

Functional Group Information

All transactions bound for a specific trading partner are 'enveloped' according to the ANSI ASC X12 standards. Only 811 transaction sets are contained within the envelopes sent by Qwest. As such, each envelope contains a single Functional Group.

Each envelope must begin with an Interchange Control Header segment (ISA) and end with an Interchange Control Trailer segment (IEA). Likewise, within the ISA/IEA envelope, each functional group must begin with Group Header segment (GS) and end with a Group Trailer segment (GE). Finally, each invoice begins with an ST segment and ends with an SE segment.

Much of the information provided by the Trading Partner Profile is used to build the ISA/IEA and GS/GE segments.

For further information about the structure of the ISA/IEA and GS/GE segments, please refer to:

Appendix A: Consolidated Service Invoice/Statement - 811 TS and the TCIF/EDI Guideline, Section 10.2 - Control Segments, at:
ftp://ftp.atis.org/pub/tcif/edi/issue9/gcs9_101.pdf

How to Use the Implementation Guideline

How this Guide is Organized

- Sections I through X of this guideline have been formatted to display Qwest specific information in the same standard format as that used by TCIF.
- Additionally, Appendix A contains the specifications document for the 811 transaction set (version 4010) and Appendix B contains the specifications document for the 997 transaction set (version 4010).
- If you should require further assistance, please refer to Section 2.1 for contact sources.

Section II: Business Issues

Implementation Considerations

811 Exception Messages

The approved 811 document (the EDI data) does not provide for the following extraneous detail:

- Market messages and/or toll analysis are not provided within the EDI data
- The sequential paging represented on the paper bill is not represented in the 811 format

EDI Transmissions

Since Qwest has three billing systems, trading partners will receive transmissions, in separate 'envelopes', of combined 811 transactions, by bill date, from:

- Washington/Oregon
- Iowa/Minnesota/Nebraska/North Dakota/South Dakota
- Arizona/Colorado/Idaho/Montana/New Mexico/Utah/Wyoming.

Note: There may be instances where transmissions for accounts within the same billing system may be in separate transmissions, depending on bill cycle processing.

Manual Bill Corrections (Hold Bill)

Rarely, but on occasion, Qwest will extract a customer's bill for manual correction. If this occurs, and the account is one that is scheduled for EDI transmission, the account will be corrected and reentered into the process and forwarded to the trading partner via EDI.

EDI Billing Format Changes

At Qwest there are multiple billing systems releases in any given year. The purpose of the releases is to allow for changes or enhancements to the Qwest bill sections and/or the interexchange carrier bill sections.

Depending upon the types of services or enhancements being added, the billing system releases may or may not have an effect on the EDI billing format. When an EDI billing format change has been identified, notification will be sent to the EDI Technical Contact identified on the Trading Partner Profile.

Additionally, when possible, based upon suggested data models and approved change requests from the Telecommunications Industry Forum (TCIF) EDI Telecommunications Billing (ETB) committee, Qwest will update the EDI 811 transaction set information.

Bill Payment Information

Information pertaining to payment of the bill, returned payments, late payment charges, form of payment, etc., is contained in the state tariffs associated with where service is located. You may also contact your Qwest Service representative.

Telephone Account Number Information

Telephone account numbers used for rendering payment will typically appear as a 13 character number consisting of:

Field N	Length	Format
NPA (Area Code)	3 digits	Numeric
NNX (Prefix)	3 digits	Numeric or alpha-numeric
Line Number	4 digits	Numeric
Customer Code	3 digits	Numeric

Additionally, in the Eastern billing region, there are two situations which may effect the numbering scheme listed above:

- Special billing accounts used for toll only contain an additional four digits; i.e., B001, between the Line Number and the Customer Code.
- 'Borderline' accounts which have one NPA on the paper bill and a different NPA for payment. If you have one of these accounts, Qwest will advise you.

Qwest Contacts

Qwest Customer Care and Billing and Qwest Information Technologies

Billing EDI Support

Jim Horton
EDI Business Analyst
E-mail ID: jim.horton@qwest.com
Phone Number: 206-345-2719 or
1-800-718-8859

EDI Publications

The Alliance for Telecommunications Industry Solutions (ATIS), Telecommunication Industry Forum (TCIF), EDI Telecommunications Billing (ETB) group, and American National Standards Institute Accredited Standards Committee (ANSI ASC) X12 EDI publication referenced in the document can be accessed via the following URLs:

ATIS:

<http://www.atis.org/>

TCIF:

<http://www.atis.org/atis/tcif/index.htm>

ETB:

<http://www.atis.org/atis/tcif/etb/aboutetb.htm>

Functional Acknowledgments

997 Transaction Set

The Functional Acknowledgment transaction set - 997, transmitted by the trading partner to Qwest, must be transmitted to Qwest within 72 hours of receipt of the 811 transaction set data.

The functional acknowledgment indicates receipt and syntactical acceptability of the data transmitted within the 811 invoice, in accordance with the ASC X12 standards.

The functional acknowledgment provides a means for trading partners to report back to Qwest with any syntactical problems when the data is analyzed at the receiving end.

Note: Use of the 997 transaction set is not intended to serve as an acknowledgment of data content.

For more information, please refer to [Appendix B 'Qwest EDI 4010 997.PDF'](#)

Section III: Legal Considerations

Trading Partner Agreements

Rather than utilizing a Trading Partner Agreement, Qwest has elected to use a 'Letter of Understanding' (LOU). The LOU (see next page for a sample copy) provides the specifics concerning EDI data exchange arrangements between Qwest and its trading partners.



Date

Addressee name
Company Name
Street Address
City, ST Zip

Greeting

The purpose of this letter is to acknowledge your acceptance of Qwest Communications International, Inc. (Qwest), Electronic Data Interchange Services, "EDI," and to provide the following agreed to information between 'Trading Partner' and Qwest.

Qwest will format 'Trading Partner' invoices as ANSI (American National Standards Institute) ASC X12 811 Consolidated Service Invoice Statements and transmit them to 'Trading Partner'. The Qwest EDI Customer Guide will contain the specific format of the 811 transaction. 'Trading Partner' is asked to respond with a Functional Acknowledgment (997 transaction set) in conjunction with the receipt of 811 invoices. The 997 indicates receipt and acceptance of the 811 transaction(s) or, in the event of a syntactical error, will indicate where the errors occurred. The 997s will be sent within 72 hours of receipt of the 811(s). If any transmitted document is received in an unintelligible or garbled form, or if it is not received within designated time frames, the receiving party is responsible for promptly notifying the sender. If the sender does not receive a 997 acknowledgement receipt returned within 72 hours, the sender will notify the receiving party to determine the status of the 997 acknowledgement receipt.

All EDI transmissions contain an electronic signature consisting of a symbol(s) or code(s). Both Qwest and 'Trading Partner' agree that designated signatures contained in any transmitted document will be sufficient to verify the origination party. Qwest and 'Trading Partner' also agree that the signature of the other company will not be disclosed to any employees or agents unless they have a specific need to know.

Qwest and 'Trading Partner' will jointly develop an implementation plan to support successful transmission and receipt of 'Trading Partner' billing data. Implementation will consist of four phases and the tasks associated with each, as indicated below. These steps will apply to both new implementations and changes to existing implementations.

PLANNING:

- Qwest and 'Trading Partner' will negotiate and agree to details of a trading partner relationship which includes identification of interconnecting VANS, network address information, interchange control information, and technical details about the transaction, such as element and segment separators and delimiters. The parties will exchange trading partner profiles.

DEVELOPMENT:

- 'Trading Partner' implements translation software and develops a conversion program. Qwest sets up and tests the information agreed to in the planning stage.

TEST:

- Qwest and 'Trading Partner' jointly develop a test schedule. During the Test Phase, the following activities will occur:
 - Qwest and 'Trading Partner' agree on accounts to be used as test data
 - Qwest transmits the test account(s)
 - 'Trading Partner' receives the test account(s) and responds with 997 functional acknowledgment
 - Qwest receives and processes the 997
 - 'Trading Partner' tests translation and processing of test data
- The above steps are repeated until the end to end process is performed successfully.

PRODUCTION:

- Qwest begins regular transmission of 'Trading Partner' invoices via EDI while continuing to send parallel paper invoices. The Qwest paper bill will continue to serve as the official Bill of Record and Qwest will retain the paper bill in accordance with its document retention guidelines.

Qwest will make every reasonable effort to provide sixty (60) days advance notice of any changes to a new release of ANSI X12 Standard formats that may affect 'Trading Partner' 's map version. Qwest will support the current Qwest map version and one prior Qwest map version for six months and shall update the Qwest Customer Guide accordingly. Updates of the Qwest Customer Guide will be provided to 'Trading Partner'.

Qwest will transmit 'Trading Partner' billing data within ten business days after each 'Trading Partner' 's billing dates. Qwest will continue to transmit each succeeding month until either 'Trading Partner' or Qwest provides thirty days prior written notice of intent to terminate the EDI service.

Currently, Qwest does not charge for the EDI service. Qwest will provide 'Trading Partner' with written notice and the opportunity to discontinue or subscribe to the service if charges are established and expected of the customer. Qwest will also 'Trading Partner' of any other options available to 'Trading Partner' at that time.

Other standard information pertaining to payment of 'Trading Partner' bill; for example - returned checks, late payment, form of payment, will not be part of the EDI transmission, but will still apply. Please refer to the Qwest Customer Guide for such information. Questions on bill content, interpretation, or payment of bill should be directed to your Qwest Representative.

Please sign in the space provided below as your acknowledgment of 'Trading Partner's' receipt and concurrence with this letter agreement. Return via the method most convenient for you e.g., 1) retain a copy for your 'Trading Partner's' files and mail the original signed copy to me at 450 110th NE, Room 507, Bellevue, WA 98004; or 2) sign and Fax to me at: 425-451-7623; or 3) sign, scan, and e-mail to me at: jhorton@qwest.com.

Upon receiving the signed copy, the EDI Business Analyst will take steps to initiate 'Trading Partner's' EDI service.

Thank you for the opportunity to better serve you.

Sincerely,

Jim Horton
EDI Coordinator
Qwest Communications International, Inc.

'Trading Partner' Customer Acknowledgement :

Signature

Typed Name

Position Title

Company

Date

Section IV: Environments

Environments

Section 4.1 System Architecture

Refer to TCIF and ANSI/ASC X12 Guidelines

Section 4.2 Application Integration

Refer to TCIF and ANSI/ASC X12 Guidelines

Section 4.3 Translation

Refer to TCIF and ANSI/ASC X12 Guidelines

Section V: Maintenance

Maintenance

Section 5.1 Maintaining Guidelines

Refer to TCIF Guideline

Section 5.2 Maintaining X12 Standards

Refer to ANSI/ASC X12 Guideline

Section 5.3 Version/Release Timing

Refer to TCIF and ANSI/ASC X12 Guidelines

Section VI: Communication

Communication

Section 6.1 General Introduction

Refer to TCIF Guideline

Section 6.2 Protocols

Refer to TCIF Guideline

Section 6.3 Point-To-Point

Refer to TCIF Guideline

Section VII: Miscellaneous

Miscellaneous

Section 7.1 Industry Business Models

Refer to TCIF Guideline

Section VIII: Glossary

[X12 Glossary](#)

- Refer to ANSI ASC X12 Documentation

[Industry Glossary](#)

- Refer to TCIF Documentation

Qwest Glossary

Accredited Standards Committee X12 (ASC X12)

- The group authorized by the American National Standards Institute to develop and maintain the EDI Standards used in the United States.

American National Standards Institute (ANSI)

- The national standards body for the United States. ANSI, through its accredited standards committees, keeps the standards for all applications of technology and mechanics for U.S. industry.

ANSI Standard

- A document published by ANSI that has been approved through the consensus process of public announcement and review. Each of these standards must have been developed by an ANSI committee and must be revisited by that committee within five years for update.

Carrier

- A telecommunications company engaged in the transport of information. For example, long distance calls.

CIC

- Carrier Identification Code; established and maintained by the North American Numbering Plan Administrator (NANPA).

Data Element

- A Data Element is the smallest named item in the 811 standard. It can represent a qualifier, a value, or a some amount of text - such as a description. A data element has two primary attributes: Length and Type. Each data element is identified by a number used for reference in the Data Element Dictionary. The term "data element" is often abbreviated as 'DE' followed immediately by the data element number.

Data Element Length

- This is the 'Range', maximum to minimum, or the number of character positions available to represent the value of the data element. A data element may be of variable length, with Range from minimum to maximum, or it may be of fixed length in which the minimum is equal to the maximum.

Data Element Reference Number

- The number that identifies each data element in the segment diagram with its corresponding definition in the data dictionary. Also known as a Data Element.

Data Element Separator

- A unique character preceding each data element that is used to delimit the data elements within a segment.

Delimiters

- The Delimiters consist of a terminator and two levels of separators. The delimiters are an integral of the transferred data stream. Delimiters are specified in the interchange header and may not be used in a data element value somewhere else in the interchange. From highest to lowest level, the terminator and the separators are: Segment terminator, data Element Separator, and Sub-Element Separator (used only in EIDFACT. Not currently used by Qwest).

DISA

- Data Interchange Standards Association. A non-profit organization funded by X12 which serves as the secretariat for X12.

Electronic Data Interchange (EDI)

- The computer-to-computer exchange of information which has traditionally been communicated using paper documents.

EDI Translation

- The conversion of application data to and from the X12 standard format

EDI Translator

- Computer software used to perform the conversion of application data to and from the X12 standard format

EFT

- Electronic Funds Transfer

Element Delimiter

- With the exception of the last Data Element in a given segment, the single character delimiter (separator) follows the segment identifier and each data element.

Electronic Mailbox

- This is the term used to refer to the place where an EDI is stored for pickup or delivery. Trading Partners can also maintain mailboxes within their own domain.

Entity

- A company engaged in providing telecommunications services. See also - Carrier

Envelope

- The combination of header, trailer, and sometimes other control segments, that define the start and end of an individual EDI message.

Format

- The constructs under which a data element, segment, transaction set, functional group, and interchange envelope are generated.

Functional Acknowledgment

- A transaction set (997) transmitted by the receiver of an EDI transmission to the originator/sender acknowledging the receipt and syntactical acceptability of the data transmitted - according to the ASC X12 standards. The functional acknowledgment allows the receiving party to report back to the sending party whether or not there were any problems encountered by the syntax analyzer at the receiving end. It is not intended to serve as an acknowledgment of data content.

Functional Group

- A group of one or more transaction sets bounded by a functional group header segment and a functional group trailer segment.

Functional Group Envelope

- A group of related transaction sets belonging to the same class, enclosed by functional group header segment and a functional group trailer segments.

Functional Group Segments

- GS/GE segments identify a specific functional group of documents such as purchase orders or telecommunications services billing data

Header

- The segment that indicates the start of an entity that is to be transmitted. Headers are control structures.

Hierarchy

- An arrangement of elements in a graded or ranked structure. Rank applies to relative standing or position in a given elemental sequence. The intellectual or conceptual structure of documents usually reflects a hierarchical organization; e.g. the body of a book, chapters within the body of the book, and sections within the chapters of a book.

Industry Conventions

- Define how the ASC X12 standards are utilized by a specific industry.

Industry Guideline

- Defines the EDI environment for using conventions within an industry. It provides assistance on how to implement the X12 standard.

Interchange Control Segments

- ISA/IEA segments, used to identify a unique interchange being sent from one sender to one receiver.

Interchange Control Structure

- The interchange header and trailer segments which serve as the envelope for one or more functional groups or interchange related control segments and perform the following functions: 1) defines the data element separators and the data segment terminators, 2) identifies the sender and receiver, 3) provides control information for the interchange, and 4) allows for authorization and security information.

Interchange Envelope

- One or more functional groups transmitted together, enclosed by an outer envelope consisting of an interchange header segment and an interchange trailer segment.

LMS

- Local Measured Service

LPC

- Late Payment Charge

Outside Vendor

- A vendor that is external to the two trading partners involved in an EDI relationship.

Partnership Agreement

- See Trading Partner Agreement

Release

- A numeric indicator which refers to a draft standard approved for trial use by the X12 committee. A new release is approved each year.

Segment

- Segments consist of logically related data elements in a defined sequence. A data segment consists of a segment identifier; one or more data elements, each preceded by a data element separator; and ends with a segment terminator.

Segment Terminator

- A unique character appearing at the end of a segment. It is used to indicate the termination of a segment.

Service Delivery Gateway (SDG)

- A service available to Qwest Trading Partners that provides for the secure delivery of the billing data via the internet; either through the internet or an automated client agent.

Standards

- Industry-supplied, national, or international formats to which information is converted.

Subline Item

- An item which is a component or add-on to another item

Syntax

- The grammar or rules which define the structure of the EDI standards; i.e., the use of loops, qualifier. Syntax rules are published in ANSI X12.6.

TCIF

- Telecommunications Industry Forum

Telco

- Telecommunications Company

Trading Partner

- The sending and/or receiving party involved in the exchange of EDI transmissions.

Trading Partner Agreement (TPA)

- A formal or informal business relationship governing the content of EDI business transactions and how they are exchanged. The TPA may include operational, legal, and contractual components of EDI. Use of this term is synonymous with LOU.

Trading Partner Profile (TPP)

- An informational list of protocols, codes, and qualifiers for communication of EDI between Qwest and its trading partners.

Transaction Set

- The transaction set unambiguously defines, in the standard syntax, information of a business or strategic significance and consists of a transaction set header segment, one or more data segments in a specified order, and a transaction set trailer segment. The transaction set is equivalent to a document in a paper-based system, such as a purchase order, an invoice, or a freight bill.

Transaction Set Detail Area

- The line item area contains information about the actual item(s) being bought, sold, transferred, etc. This would include such items as quantities, descriptions, rates and prices.

Transaction Set Heading Area

- The heading area contains information about the entire document, such as the company name, address, and purchase order number.

Transaction Set Identifier

- The unique identifier of a transaction set. The identifier is the first data element of the transaction set header segment.

Transaction Set Summary Area

- The summary area contains control information and other data that relates to the total transaction, such as the total line items and the total amount due.

Translation

- The act of accepting documents in other than X12 standard format and translating them to the X12 standard format. The interpretation of EDI standard format (X12) for incoming and outgoing data constitutes the EDI translation process.

USOC

- Universal Service Order Code

Value Added Network (VAN)

- Collectively known as third party service organizations, these groups facilitate the transmission of electronic data among multiple trading partners. They can also provide additional services; for example translation, consulting.

Version

- A numeric indicator which refers to full ANSI-approved set of EDI transaction sets.

Version/Release

- Identifies the publication of the standard being used for the generation or the interpretation of data in the X12 standard format. The version/release may be found in the Functional Group Header Segment (GS) and in the Interexchange Control Header Segment (ISA).

WATS

- Wide Area Telephone Service

X12

- The ANSI committee responsible for the development and maintenance of the standards for EDI.

Section IX: Forms and Documents

Qwest Trading Partner Profile

Company Name: _____
Address: _____
Address: _____
City, State, ZIP: _____

Access Method:

SDG: _____
GEIS VAN: _____
VAN Interconnect: _____
NDM: _____
Other: _____

Current EDI Involvement:

Using EDI with Qwest: _____
Using EDI with other than Qwest: _____
New to EDI: _____

Telecommunications Contact:

Address: _____
City, State, ZIP: _____
Phone Number: _____
FAX Number: _____
E-mail ID: _____

EDI Coordinator:

Address: _____
City, State, ZIP: _____
Phone Number: _____
FAX Number: _____
E-mail ID: _____

Technical Contact:

Address: _____
City, State, ZIP: _____
Phone Number: _____
FAX Number: _____
E-mail ID: _____

Other Coordinator:

Address: _____
City, State, ZIP: _____
Phone Number: _____
FAX Number: _____
E-mail ID: _____

Trading Partner Agreement Development:

Authorized Contact:

Name: _____

Telephone Number: _____

E-mail ID: _____

Trading Partner Agreement Developer:

Name: _____

Telephone Number: _____

E-mail ID: _____

Comments:

Interchange Receiver ID: _____
Interchange ID Qualifier: _____
Interchange Control Version Number: _____ 00401 (default) _____
Interchange Header Option: _____ ISA_(default) _____
Interchange Control Number: _____
Test/Production Indicator: _____
Application (Group) Receiver Code: _____
Functional ID Code (Group Segment ID): _____
Version/Release/Industry ID Code: _____ 004010 (default) _____
Data Element Separator: _____
Data Segment Terminator: _____
Component Element Separator: _____
811 Transaction Set Version: _____
997 Transaction Set Version: _____

Prepared By:

Address: _____

City, State, ZIP: _____

Phone Number: _____

FAX Number: _____

E-mail ID: _____

Date: _____

Methods and Procedures for Qwest EDI Trading Partner Profile

1 - Company Name

This entry should be populated with the official company name and address on record for the corporation or business entity. This address will be used in the EDI Trading Partner Agreement. It may vary from the address where the EDI transaction sets are sent or where the technical staff is headquartered.

2 - Access Method

Access method refers to the Trading partner's preference for VAN connectivity.

Qwest will deliver any documents generated for EDI via the use of the General Electric Information Systems (GEIS) VAN. If the Trading partner is not using the GEIS VAN, then the VAN Interconnect box should be checked and the name of the interconnect van should be entered in the space provided.

If the Trading Partner wishes to use Network Data Mover, via either a direct circuit or dial-up, or other such methods of access as Qwest develop, fill in the appropriate space.

Company Name _____ **1** _____
Address: _____
Address: _____
City, State, ZIP: _____

Access Method:

SDG: _____ **2** _____
GEIS VAN: _____
VAN Interconnect: _____
NDM: _____
Other: _____

6 - Technical Contact

This entry should be populated with the name and information for the contact person in the Trading Partner's organization who has the subject matter expertise regarding the technical issues involved in process and EDI transaction set. This person will serve as the Trading Partner's coordinator for any technical issues between the Trading Partner and Qwest.

7- Other Contact

This entry should be populated with the name and information for the contact person in the Trading Partner's organization who has the subject matter expertise regarding any area of concern the Trading Partner deems relevant to EID and the information exchanged in the transaction sets. This person should be responsible for receipt of the EDI transmission and the Qwest Electronic Data Interchange (EDI) Guideline.

8 - Authorized Contact

This entry should be populated with the name, telephone number, and e-mail ID of the individual authorized to sign the Trading Partner Agreement/Letter of Understanding.

Technical Contact: _____ **6** _____
Address: _____
City, State, ZIP: _____
Phone Number: _____
FAX Number: _____
E-mail ID: _____

Other Contact: _____ **7** _____
Address: _____
City, State, ZIP: _____
Phone Number: _____
FAX Number: _____
E-mail ID: _____

Trading Partner Agreement Development, Authorized Contact: _____ **8** _____
Name: _____
Telephone Number: _____
E-mail ID: _____

9 - Trading Partner Agreement Developer

This entry should be populated with the name, telephone number, and e-mail ID of the individual responsible for developing the Trading Partner Agreement.

10 - Comments

This entry should contain any comments the Trading Partner deems important to Qwest and the establishment of a trading relationship.

11 - Interchange Receiver ID

The Interchange Receiver ID is the code used to identify the Trading Partner. This is the value Qwest will use to send information to a specific Trading Partner. The Interchange Receiver ID information is populated in the 'Interchange Control Header Element' - ISA 08.

The Identification Code must conform to the defined requirements for Data Element I07 of the ANSI X12 standards. The Identification Code should be no less than two characters and no more than fifteen characters.

If the Trading Partner elects to provide a value for testing which is different than the value to be used for production, both values must be provided, with the applicable Interchange Receiver ID (field 12).

The generic Interchange Receiver ID for Qwest is 'USWC'

Trading Partner Agreement Developer:

Name: _____ **9** _____
Telephone Number: _____
E-mail ID: _____

Comments: _____ **10** _____

Interchange Receiver ID: _____ **11** _____

12 - Interchange ID Qualifier

The Interchange ID Qualifier is the code designating the system/method of code structure used for the Interchange Receiver ID (field 11). The Interchange ID Qualifier is populated in the Interchange Receiver - Interchange Control Header Element' - ISA 07.

The Identification Code must conform to the defined requirements for Data Element I05 of the ANSI X12 standards. The Identification Code should not exceed two characters in length.

If the Trading Partner elects to provide a value for testing which is different than the value to be used for production, both values must be provided, with the applicable Interchange Receiver ID (field 11).

13 - Interchange Version Control Number

The Interchange Version Control Number must be one of the values recognized by ANSI X12 standards. This version control number covers the interchange control segments and must conform to the defined requirements for Data Element I11 of the ANSI X12 standards.

The Identification Code should be five characters in length.

14 - Interchange Header Option

The Interchange Header is the value that identifies the Interchange Header option the Trading Partner will use. All EDI transmission will have the designated Interchange Header as the first record in the file. Qwest expects the Trading Partner to use a default value of 'ISA'.

Interchange ID Qualifier: _____ **12** _____

Interchange Control Version Number: _____ **13** _____

Interchange Header Option: _____ ISA_(default) _____

15 - Interchange Control Number

For both test and production, the Interchange Control Number determines the starting sequence numbers for control values when the EDI activity begins.

- 000000001 The beginning Interchange Control Number for data from Oregon, Washington, or a small portion of Northwest Idaho
- 400000001 The beginning Interchange Control Number for data from Iowa, Minnesota, Nebraska, North Dakota, or South Dakota
- 700000001 The beginning Interchange Control Number for data from Arizona, Colorado, Idaho, Montana, New Mexico, Utah, or Wyoming

The Interchange Control Number is populated in the Interchange Control Header - ISA 13. Within the field, the values used must conform to the defined requirements for Data Element I12 of the ANSI X12 standards. The Identification Code is nine characters in length.

16 - Test/Production Indicator

The Test/Production Indicator will be used to indicate the data enclosed by a specific envelope is test or production data.

The Test/Production Indicator is populated in the Interchange Control Header - ISA15. Within this field, the acceptable values are 'T' for test and 'P' for production.

Interchange Control Number: _____ **15** _____

Test/Production Indicator: _____ **16** _____

17 - Application (Group) Receiver's Code

Application (Group) Receiver's Code identifies the Trading Partner receiving the transmission. Typically, this code will be the same as the first 12 characters of the Interchange Receiver ID - ISA08. However, the receiving company is free to define a different value.

Application (Group) Receiver's Code information is populated in the Functional Group Header - GS03.

The values used must conform to the defined requirements for Data Element I24 of the ANSI X12 standards. The ID Code can be up to 12 characters in length.

The generic Application (Group) Receiver's Code for Qwest is 'USWC'.

18 - Functional Identifier Code (Group Segment ID)

The Functional Identifier Code identifies the group of application-related transaction sets. If the transaction set is an 811, the Functional Identifier Code must be 'CI'.

The Functional Identifier Code information is populated in the Functional Group Header - GS01.

Within the field, the values used must conform to the defined requirements for Data Element 479 of the ANSI X12 standards. The Identification Code is two characters in length.

19 - Version/Release/Industry ID Code (Group Version ID)

Version/Release/Industry ID Code identifies the version, release, sub-release and industry standard being used.

Position 1 - 3 - Version number
Position 4 - 6 - Release and sub-release level of version
Position 7 - 12 - Industry Identifier (optional)

Application (Group) Receiver Code: 17

Functional ID Code (Group Segment ID): 18

Version/Release/Industry ID Code: 19

20 - Data Element Separator

The Data Element Separator is a special character used to separate data elements within a segment. The first occurrence of the Data Element Separator (the fourth character of ISA Header segment) defines the value of the Data Element Separator for the entire interchange. The value chosen as the Data Element Separator cannot be used as actual data within any other Data Element. For that reason Qwest prefers to offer two choices '*' or '~'. Please indicate one or the other on your trading Partner Profile.

21 - Data Segment Terminator

The Data Segment Terminator is a special character used to terminate every segment within an interchange. The first occurrence of the Data Segment Terminator (the special character following the sub-element separator - ISA16) defines the value of the Data Segment Terminator - for the entire interchange. The value chosen as the Data Segment Terminator cannot be used as actual data within any other Data Element. For that reason Qwest prefers to use either Hex '15' or Hex '0D'. Please indicate one or the other on your Trading Partner Profile.

22 - Component Element Separator

The Component Element Separator is a special character used to separate the component data elements within a composite data structure. This value must be different than the Data Element Separator and the Data Segment Terminator. For that reason, Qwest prefers the use of '>'. Please indicate this character on your Trading Partner Profile.

23 - Transaction Set Versions

The Trading Partner should identify which transaction set version they will be exchanging with Qwest.

Data Element Separator:	_____
Data Segment Terminator:	_____ 21 _____
Component Element Separator:	_____ 22 _____
811 Transaction Set Version:	_____ 23 _____
997 Transaction Set Version:	_____ _____

24 - Originator

This information is used to identify the person who completed the Trading Partner Profile form.

Prepared By:	<u>24</u>
Title:	_____
Contact Number:	_____
FAX Number:	_____
E-mail ID:	_____

Trading Partner Profiles should be sent to:

Qwest
ATTN: Jim Horton
1600 7th Avenue
Room 1405
Seattle, WA 98191
E-mail: jim.horton@qwest.com
Phone: 206-345-2719/800-718-8859
FAX: 205-345-3467

Section X: Conventions

Large Code List - Maintained by TCIF

This section contains a reference to the TCIF-maintained code lists and the complete list of code values.

Of particular interest are the Date Element (DE) 1000 codes and the associated DE234 values.

Access the home page for ETB and follows 'Guidelines' prompts to the Section 10.4 information.

- The URL: <http://www.atis.org/atis/tcif/etb/aboutetb.htm>

Qwest Code Lists - Not Maintained by ASC X12

DE1000: **DE234:**

BA Band

BN Billed Telephone Number

CC Calling Card Number

CD Customer Dialed Account Recording/Sub-authorization
A numerical code of 1 - 8 digits assigned by the customer at the time the call is initiated, when the call is placed.

CH Charge Status Code
A code indicating whether the charge is current, revised, or other.

<i>01</i>	Current
<i>02</i>	Revised
<i>03</i>	Rate Change
<i>05</i>	Order Activity Charge

CI Circuit Drop Location Code
Locally defined code to identify a specific customer location for a service item or circuit.

DE1000: **DE234:**

CN Circuit Number Identification Code
The circuit number.

CX Centrex Location Address Code
A locally defined code that identifies a location address for the Centrex equipment.
The address may identify a customer or company address.

DA Directory Assistance Category Code
A TCIF-defined code to identify the type of directory assistance billing.

<i>01</i>	Local
<i>02</i>	Intrastate/Intraprovincial
<i>03</i>	Intrastate/IntraLATA
<i>04</i>	Intrastate/InterLATA
<i>05</i>	Interstate/Interprovincial
<i>06</i>	Interstate/IntraLATA
<i>07</i>	Interstate/InterLATA
<i>08</i>	Corridor
<i>09</i>	411
<i>10</i>	555
<i>11</i>	Both 411 and 555 combined
<i>12</i>	International
<i>13</i>	Intrastate Beyond Service Area
<i>14</i>	Interstate Beyond Service Area
<i>15</i>	Intrastate Operator handled
<i>16</i>	Interstate, Canada and/or 809
<i>17</i>	Multilisting
<i>18</i>	Multilisting By Appointment
<i>19</i>	Call Credit
<i>20</i>	Interstate Operator handled
<i>21</i>	Information Call Completion

DE1000: **DE234:**

DH Discount/Promo Application Code

DI Department Code/Customer ID Code
A locally defined code to further identify the charges and/or equipment by customer-defined category.

DN Directory Book Name
Idaho, Oregon, and Washington:

<i>0003</i>	Aberdeen	<i>0351</i>	Ore Central Coast
<i>0006</i>	Albany	<i>0360</i>	Nampa
<i>0021</i>	Astoria	<i>0366</i>	North Plains
<i>0039</i>	Bainbridge Island	<i>0393</i>	Okanogan
<i>0042</i>	Baker	<i>0390</i>	Olympia
<i>0048</i>	Beaverton	<i>0378</i>	Oregon City
<i>0057</i>	Bellevue	<i>0408</i>	Pasco
<i>0051</i>	Bellingham	<i>0410</i>	Payette
<i>0063</i>	Bend	<i>0417</i>	Pendleton
<i>0065</i>	Boise	<i>0425</i>	Portland East County
<i>0066</i>	Kitsap County	<i>0429</i>	Port Angeles
<i>0132</i>	Carlton	<i>0438</i>	Port Townshend
<i>0108</i>	Cascade Locks	<i>0423</i>	Portland
<i>0087</i>	Centralia	<i>0441</i>	Puyallup
<i>0105</i>	Cle Elum	<i>0447</i>	Raymond
<i>0090</i>	Colfax	<i>0471</i>	Roseburg
<i>0111</i>	Colville	<i>0477</i>	Salem
<i>0123</i>	Corvallis	<i>0483</i>	Seattle
<i>0117</i>	Coulee Dam	<i>0485</i>	Puget Sound – O T G
<i>0141</i>	Dayton	<i>0501</i>	Shelton
<i>0165</i>	Eugene	<i>0507</i>	Snohomish
<i>0186</i>	Florence	<i>0510</i>	South King County
<i>0192</i>	U.S. Govt Camp	<i>0525</i>	Spokane
<i>0207</i>	Grants Pass	<i>0504</i>	St Helens
<i>0222</i>	Harney County	<i>0537</i>	Tacoma
<i>0239</i>	Hermiston	<i>0540</i>	The Dalles
<i>0276</i>	Klamath Falls	<i>0542</i>	Tigard
<i>0321</i>	Lewiston	<i>0543</i>	Tillamook
<i>0300</i>	Longview	<i>0561</i>	Vancouver
<i>0327</i>	Medford	<i>0573</i>	Walla Walla
<i>0336</i>	Moses Lake	<i>0600</i>	Yakima

DE1000: 0337 Mountain Home
 DE234:

DN Directory Book Name

Iowa :

<i>ALG</i>	Algona	<i>IC</i>	Iowa City
<i>AMS</i>	Ames	<i>IF</i>	Ackley
<i>ANA</i>	Anamosa	<i>MAQ</i>	Maquoketa
<i>ATL</i>	Atlantic	<i>MTN</i>	Marshalltown
<i>BON</i>	Boone	<i>MC</i>	Mason City
<i>BUR</i>	Burlington	<i>MCO</i>	Mason City (OS)
<i>CAR</i>	Carrol	<i>MUS</i>	Muscatine
<i>CR</i>	Cedar Rapids	<i>OEL</i>	Oelwein
<i>CRT</i>	Chariton (ICO)	<i>OSK</i>	Oskaloosa
<i>CC</i>	Charles City	<i>OTT</i>	Ottumwa
<i>CLI</i>	Clinton	<i>PER</i>	Perry
<i>CB</i>	Council Bluffs	<i>SHN</i>	Shenandoah
<i>CBO</i>	Council Bluffs (OS)	<i>SC</i>	Sioux City
<i>DVP</i>	Davenport	<i>SNR</i>	Siouxland North
<i>DEC</i>	Decorah	<i>SLS</i>	Siouxland South
<i>DM</i>	Des Moines	<i>SPN</i>	Spencer
<i>DMO</i>	Des Moines (OS)	<i>SL</i>	Storm Lake
<i>DMW</i>	Des Moines (DMWT)	<i>WC</i>	Webster City
<i>DBQ</i>	Dubuque	<i>WLO</i>	Waterloo
<i>ELK</i>	Elkader	<i>WOO</i>	Waterloo (OS)
<i>FM</i>	Fort Madison	<i>WIN</i>	Winterset

DE1000: **DE234:**

DN

Directory Book Name

Minnesota:

<i>AKA</i>	Anoka	<i>DUO</i>	North Shore
<i>AUS</i>	Austin	<i>ORT</i>	Ortonville
<i>BAR</i>	Barnum	<i>OWA</i>	Owatonna
<i>BMJ</i>	Bemidji	<i>R W</i>	Red Wing
<i>BRD</i>	Brainerd	<i>ROC</i>	Rochester
<i>BUF</i>	Buffalo	<i>ROO</i>	Rochester (OS)
<i>CMB</i>	Cambridge	<i>STC</i>	Saint Cloud
<i>CRK</i>	Crookston	<i>STO</i>	Saint Cloud (OS)
<i>DLK</i>	Detroit lakes	<i>STP</i>	Saint Paul
<i>DUL</i>	Duluth	<i>SPT</i>	Saint Peter
<i>FFS</i>	Fergus Falls	<i>SKC</i>	Sauk Center
<i>F L</i>	Forest Lake	<i>SHA</i>	Shakopee
<i>GLW</i>	Glenwood	<i>STW</i>	Stillwater
<i>GRP</i>	Grand Rapids	<i>VRG</i>	Virginia
<i>HIB</i>	Hibbing	<i>WAB</i>	Wabasha
<i>HST</i>	Houston City	<i>WAD</i>	Wadena
<i>L M</i>	Lake Minnetonka	<i>W B</i>	White Bear
<i>LES</i>	Lesuer	<i>WMR</i>	Willmar
<i>L F</i>	Little Falls	<i>WMO</i>	Willmar (OS)
<i>MRS</i>	Marshall	<i>WDM</i>	Windom
<i>MPA</i>	Minneapolis- Alph	<i>WNA</i>	Winona
<i>MPC</i>	Minneapolis - Class	<i>WOR</i>	Worthington (ICO)
<i>MSB</i>	Minn-St Paul-BTB	<i>WRT</i>	Winona ICO)
<i>MOR</i>	Morris	<i>TCP</i>	Twin Cities
<i>N U</i>	New Ulm (ICO)		

DE1000: **DE234:**

DN	<u>Directory Book Name</u>
	Nebraska:
<i>ALN</i>	Alliance
<i>FRE</i>	Fremont
<i>FRO</i>	Fremont (OS)
<i>GI</i>	Grand Island
<i>GIO</i>	Grand Island (OS)
<i>KRY</i>	Kearney (ICO)
<i>MCC</i>	McCook
<i>NP</i>	North Platte
<i>NPO</i>	North Platte (OS)
<i>NFK</i>	Norfolk
<i>NFO</i>	Norfolk (OS)
<i>NPV</i>	N. Platte Valley (OS)
<i>OMA</i>	Omaha
<i>ONL</i>	O'Neill
<i>ONW</i>	Omaha - Northwest
<i>OSS</i>	Omaha
<i>SID</i>	Sidney
<i>ZAW</i>	Edgemont (Frontier of NE)
<i>ZCL</i>	Elma (Frontier of NE)
<i>ZFR</i>	Schuyler (Frontier of NE)
<i>ZGI</i>	Grand Island (Frontier NE)
<i>ZHT</i>	Loup City (Frontier of NE)
<i>ZKR</i>	Ravenna (Frontier of NE)
<i>ZNF</i>	Norfolk (Frontier of NE)
<i>ZNP</i>	North Platte (Frontier of NE)
<i>ZSH</i>	Cody (Frontier of NE)

DE1000: **DE234:**

DN Directory Book Name
North Dakota:

<i>BIO</i>	Bismarck (OS)
<i>BIS</i>	Bismarck
<i>BOT</i>	Bottineau
<i>CGT</i>	Carrington
<i>DKN</i>	Dickinson
<i>FGO</i>	Fargo
<i>GFN</i>	Grafton
<i>GF</i>	Grand Forks
<i>JMT</i>	Jamestown
<i>JVC</i>	Jamestown
<i>MNT</i>	Minot (ICO)
<i>OAK</i>	Oakes
<i>SEN</i>	Watford City (ICO)
<i>VC</i>	Valley City
<i>WAH</i>	Wahpeton
<i>WIL</i>	Williston
<i>YBD</i>	Drake (Frontier of ND)
<i>YBI</i>	Bismarck (Frontier of ND)
<i>YCE</i>	Minnewauka (Frontier of ND)
<i>YDT</i>	Fairmont (Frontier of ND)
<i>YFM</i>	Fargo (Frontier of ND)
<i>YSE</i>	Golva (Frontier of ND)
<i>YSR</i>	Souris (Frontier of ND)
<i>YVC</i>	Valley City (Frontier of ND)
<i>YWB</i>	Williston (Frontier of ND)

DE1000: **DE234:**

DN Directory Book Name
South Dakota:

<i>ABR</i>	Aberdeen
<i>ABO</i>	Aberdeen
<i>BNH</i>	Badlands No. Hills
<i>BRK</i>	Brookings (ICO)
<i>DMW</i>	Des Moines W.Nbrhd
<i>HUR</i>	Huron
<i>MIT</i>	Mithcell
<i>MTO</i>	Mitchell (OS)
<i>PRR</i>	Pierre
<i>R C</i>	Sturgis
<i>SDC</i>	Burke
<i>S F</i>	Sioux Falls
<i>SFO</i>	Sioux Falls (OS)
<i>WTN</i>	Watertown
<i>WTO</i>	Watertown (OS)
<i>YTN</i>	Yankton

DE1000: **DE234:**

DN Directory Book Name

Arizona, Colorado, Idaho, Montana, New Mexico, Utah, Wyoming:

<i>ABW</i>	Albuquerque	<i>DNE</i>	Denver East
<i>AJO</i>	Ajo	<i>DNN</i>	Denver North
<i>ALA</i>	Alamogordo	<i>DNP</i>	Denver – On the Go
<i>ALB</i>	Albuquerque	<i>DNS</i>	Denver South
<i>ALM</i>	Alamosa	<i>DNV</i>	Denver Yellow
<i>ALP</i>	Alb – On the Go	<i>DNW</i>	Denver West
<i>ART</i>	Artesia	<i>DUR</i>	Durango
<i>ARV</i>	DNV*ARVAD	<i>DVW</i>	Denver White
<i>ASP</i>	Aspen	<i>ESP</i>	Estes Park
<i>BDR</i>	Boulder	<i>EVG</i>	Evergreen
<i>BEN</i>	Belen	<i>EVT</i>	Evanston
<i>BFT</i>	Blackfoot	<i>FLG</i>	Flagstaff
<i>BHB</i>	Big Horn Basin	<i>FRM</i>	Farmington
<i>BLG</i>	Billings	<i>FTC</i>	Fort Collins
<i>BOS</i>	Boise	<i>FTM</i>	Fort Morgan
<i>BRC</i>	Brigham City	<i>GAL</i>	Gallup
<i>BRT</i>	Brighton	<i>GFO</i>	Great Falls OS
<i>BRY</i>	Burley	<i>GFV</i>	Greater Flathead Valley
<i>BTE</i>	Butte	<i>GJU</i>	Grand Junction
<i>BTN</i>	Burlington	<i>GLB</i>	Globe
<i>BUC</i>	Buckeye	<i>GLS</i>	Glasgow
<i>BZN</i>	Bozeman	<i>GNV</i>	Greater Northwest Valley
<i>CAS</i>	Castle Rock	<i>GRN</i>	Granby
<i>CHY</i>	Cheyenne	<i>GRY</i>	Greeley
<i>CLB</i>	DNV*COLUM	<i>GSV</i>	Greater Southwest Valley
<i>CLO</i>	Clovis	<i>GTF</i>	Great Falls
<i>CNC</i>	Canon City	<i>GUN</i>	Gunnison
<i>COC</i>	Cochise County	<i>HBC</i>	Heber City
<i>COL</i>	Colorado Springs	<i>HLN</i>	Helena
<i>CPR</i>	Casper	<i>IDS</i>	Idaho Springs
<i>CRG</i>	Craig	<i>IFS</i>	Idaho Falls
<i>CSG</i>	Casa Grande	<i>JSB</i>	Julesburg
<i>CTR</i>	Phoenix Central	<i>LAR</i>	Laramie
<i>CVL</i>	Cache Valley	<i>LCR</i>	Las Cruces
<i>DNC</i>	Denver Central	<i>LDR</i>	Lander
		<i>LDV</i>	Leadville

DE1000: **DE234:**

DN

Directory Book Name

Arizona, Colorado, Idaho, Montana, New Mexico, Utah, Wyoming:

(cont.)

<i>LGM</i>	Longmont	<i>SLP</i>	Salt Lake – On the Go
<i>LJN</i>	La Junta	<i>SCT</i>	Scottsdale
<i>LMR</i>	Lamar	<i>SCU</i>	South Central Utah
<i>LOV</i>	Loveland	<i>SDA</i>	Salida
<i>LVG</i>	Las Vegas	<i>SFD</i>	Safford
<i>LWT</i>	Lewiston	<i>SFE</i>	Santa Fe
<i>MHM</i>	Mountain Home	<i>SDA</i>	Salida
<i>MHV</i>	Mohave County Comty Guide	<i>SMA</i>	San Manuel
<i>MIC</i>	Miles City	<i>SOC</i>	Socorro
<i>MLD</i>	Malad	<i>SSP</i>	Soda Springs
<i>MSL</i>	Missoula	<i>STH</i>	Phoenix South Area
<i>MTC</i>	Mesa	<i>STL</i>	Sterling
<i>MTR</i>	Montrose	<i>SUT</i>	Southern Utah
<i>NEW</i>	Northeastern Wyoming	<i>SVA</i>	South Valley Area
<i>NGL</i>	Nogales	<i>TAO</i>	Taos
<i>NMP</i>	Nampa	<i>TFL</i>	Twin Falls
<i>NTH</i>	Phoenix North Area	<i>TLE</i>	Tooele
<i>OGD</i>	Ogden	<i>TNC</i>	Tucson Central
<i>PBL</i>	Pueblo	<i>TNE</i>	Tucson East
<i>PNP</i>	Phoenix – On the Go	<i>TNW</i>	Tucson Foothills
<i>PNW</i>	Phoenix White	<i>TRN</i>	Trinidad
<i>PNX</i>	Phoenix Yellow	<i>TSN</i>	Tucson
<i>POC</i>	Pocatello	<i>TUC</i>	Tucumcari
<i>PRI</i>	Price	<i>TUP</i>	Tucson- On the Go
<i>PRS</i>	Prescott	<i>VNL</i>	Vernal
<i>PSN</i>	Payson	<i>WAL</i>	Walden
<i>PVO</i>	Provo	<i>WHD</i>	Wheatland
<i>PYT</i>	Payette	<i>WKB</i>	Wickenburg
<i>RKS</i>	Rock Springs	<i>WLB</i>	Walsenburg
<i>RLN</i>	Rawlins	<i>WNS</i>	Winslow
<i>ROS</i>	Roswell	<i>WRY</i>	Wray
<i>SIL</i>	Silver City	<i>WST</i>	Phoenix West Area
<i>SLK</i>	Salt Lake City	<i>YEL</i>	Yellowstone Park
		<i>YUM</i>	Yuma

DE1000: DE234:

DZ Directory Advertising Category Code

<i>01</i>	DA Issue Billing
<i>10</i>	DA Monthly Billing
<i>15</i>	DA Adjustment
<i>20</i>	Credit/Debit
<i>30</i>	Increase in DA

FN From/Originating Station Telephone Number
The 7 to 10 digit telephone number from which the call originated.

KS Key System Number

MC Message/Rate Class
Indicates which method was used to place the call.

<i>AB</i>	Automated Billing Service
<i>DS</i>	Dial Station IDDD and DDD
<i>OC</i>	Operator Completed (Dial Rate applies)
<i>OS</i>	Operator Station
<i>PC</i>	Person Call Back
<i>PR</i>	Person
<i>ST</i>	Station

MT Message Type
A TCIF-maintained code identifying a characteristic of a message in respect to billing.

<i>CC</i>	Calling Card
<i>CF</i>	Conference Call
<i>CL</i>	Collect
<i>CP</i>	Coin Paid
<i>RP</i>	Receipt Paid
<i>SC</i>	Special Collect
<i>SP</i>	Sent Paid/DDD
<i>TN</i>	Third Number

DE1000: **DE234:**

OC

Other Charges and Credits Category Code

A TCIF-maintained code identifying the basic category for this charge or credit.

See Section 10.4 of ETB – TCIF Guidelines:

<http://www.atis.org/atis/tcif/etb/aboutetb.htm>

DE1000: **DE234:**

OD

Other Charges and Credits Description Code

For the states of Iowa, Minnesota, Nebraska, North Dakota, and South Dakota Qwest uses the following four character OC&C phrase codes followed by a three character description code.

<i>0150</i>	New Service Charge
<i>0160</i>	Credit For Service Billed Before Connection
<i>0180</i>	Credit For Service Disconnected
<i>0190</i>	Credit For Service Prior to Disconnection
<i>0200</i>	Credit For Service Removed
<i>0205</i>	Charge For Tax Reform Act Previously Credited
<i>0210</i>	Charge For Service Prior to Removal
<i>0220</i>	Charge For Service Added
<i>0225</i>	Tax Reform Act Credit
<i>0230</i>	Credit For Service Billed
<i>0239</i>	Your Bill Has Changed From To
<i>0240</i>	Charge Due to Change of Bill Date
<i>0241</i>	Credit Due to Change of Bill date
<i>0250</i>	Credit For Service At Old Address
<i>0260</i>	Charge For Service Not Previously Billed At Old Address
<i>0270</i>	Charge For Service at New Address
<i>0280</i>	Credit For Service Billed at New Address Before Connection
<i>0300</i>	Credit Due to Rate Increase
<i>0301</i>	Credit Due to Concession rate Change
<i>0302</i>	Credit Due to Change in Concession Rate
<i>0310</i>	Charge For Service Prior to Decrease in Rates
<i>0320</i>	Charge Due to Rate Increase
<i>0321</i>	Charge Due to Elimination of Concession Rate

DE1000: DE234:

OD

Other Charges and Credits Description Code

For the states of Iowa, Minnesota, Nebraska, North Dakota, and South Dakota Qwest uses the following four character OC&C phrase codes followed by a three character description code.

(cont.)

<i>0322</i>	Charge Due to Change in Concession Rate
<i>0330</i>	Credit For Service Prior to Rate Increase
<i>0350</i>	Credit for Temporary Suspension
<i>0351</i>	Charge For Increase Due to Restoral of Service
<i>0352</i>	Charge For Service Prior to Temporary Suspension
<i>0353</i>	Credit for Service Prior to Restoral
<i>0354</i>	Service Suspension Charge
<i>0505</i>	Credit due to Change in Payment Plan
<i>0510</i>	Charge Due to Change in Payment Plan
<i>0800</i>	Directory Listing Charge
<i>0802</i>	Credit For Directory Listing
<i>0803</i>	Charge For Directory Advertising
<i>0804</i>	Credit For Directory Advertising
<i>0805</i>	Credit For Advertising Previously Billed
<i>0806</i>	Charge For Street Address Directory
<i>0900</i>	Credit For Overbilling
<i>0901</i>	Increase Due to Underbilling
<i>0905</i>	Credit For Service Interruption
<i>0924</i>	Service removed Subject to Minimum Period Billing Charge
<i>0950</i>	One-time Charge For
<i>0951</i>	Installation Charge For
<i>0960</i>	One-time Credit For
<i>975</i>	Purchase Of
<i>976</i>	Remaining Payments Due
<i>988</i>	Charge to Renew Billing Plan

DE1000: **DE234:**

OD

Other Charges and Credits Description Code

For the states of Iowa, Minnesota, Nebraska, North Dakota, and South Dakota

001	Order Processing
002	Premises Visit
003	Order Processing and Premises Visit
004	Central Office Line Connection
005	Premises Wiring
006	Equipment Handling
007	Jack
021	Order Processing
022	Home Visit
023	Order Processing and Home Visit
024	Line Connection
025	Home Wiring
026	Equipment Connection
027	Telephone Outlet
041	Restoral of Service
042	Minimum Service Requirement
043	Suspension of Service
044	Gift Telephone Service
045	Occasional Service
046	Pre-Wiring
047	Communication System Review
048	Design Review
049	Supplemental Billing Service
076	Moving Equipment
077	Rearranging Equipment
078	Purchase of Equipment
079	Lost Equipment
080	Delivery of Equipment
081	Equipment Repair Due to Damage
082	Equipment Replacement - Due to Damage
083	Re-termination of Equipment
084	Jack Adapter
085	Modifying Equipment
086	Change of Equipment

DE1000: DE234:

OD Other Charges and Credits Description Code
(cont.)

For the states of Iowa, Minnesota, Nebraska, North Dakota, and South Dakota

087	Purchase of Design Line Set
088	Purchase of Design Line Set - In Place
089	Purchase of Design Line Set – Discount
090	Purchase of Design Line Set – Exchange
126	Telephone Number Change
127	Special Call transfer
128	Design Changes
129	Change in Name and Responsibility
130	Change in Billing Records
131	Central Office Line Rearrangement
132	Termination of Equipment Under Payment Plan
133	Change of Summary Bill Date
134	Change of Summary Bill
176	Cancelled Order
177	Late Order
178	Changed Order
201	Directory Assistance Records
202	Reproduction of Itemized Call Records
203	Reproduction of Account Records
204	Reproduction of Local Call Records
226	Engineering Costs
227	Shipping Costs
228	Labor Costs
229	Right of Way Expense
230	Overtime Expense
231	Special Construction
232	Estimated Costs
233	Actual Costs
234	Quotation

DE1000: **DE234:**

OD Other Charges and Credits Description Code
(cont.)

For the states of Iowa, Minnesota, Nebraska, North Dakota, and South Dakota

276	Additional Directory
277	Foreign Directory
278	Unreturned Street Directory
279	Directory Artwork
301	Installation
302	Service Establishment
303	Repair Visit
304	Sales Tax
305	Dishonored Check
306	Balance Transfer
307	Maintenance Agreement
308	Renewed Maintenance Agreement
401	Equipment Returned
402	Special Allowance Requirement
403	Interest on Overbilling
404	Estimated Costs
405	Overpayment
406	Adjustment
407	Pervious Long Distance Carrier Change Charge
408	Previously Missed Installation Appointment
409	Missed Installation Appointment
411	Non-Touchtone User
412	Installation Charge Due to Change in Service
413	Installation Charge Due to Delay in Service
414	Missed Installation Appointment(s)
501	Reducing Fixed Monthly Payments
502	Premium Set
503	Adapter
504	Service of Customer Provided Equipment
505	Design Line Control Unit
506	Change in Service Area

DE1000: DE234:

OD Other Charges and Credits Description Code
(cont.)

For the states of Iowa, Minnesota, Nebraska, North Dakota, and South Dakota

507	Separating Hunting Arrangement
508	Combining Hunting Arrangements
509	Testing
510	Interface Connection
512	Purchase of Maintenance Agreement
513	Letter of Intent
514	Pre-wire - Based on Actual Time
515	Termination of Equipment Under Payment Plan
516	Termination of Equipment Under Payment Plan
519	Network Arrangement
520	Purchase of Equipment
521	Purchase of Equipment in Place
522	Purchase of Equipment - Discount
523	Purchase of Equipment - Exchange
524	Change in Hunting Arrangement
525	Unreturned Item of Qwest Telephone Equipment
526	2 Unreturned Items of Qwest Telephone Equipment
527	Unreturned Item of Qwest Defective Telephone Equipment
528	2 Unreturned Items of Qwest Defective Telephone Equipment
529	Unregulated Service Order Charge
530	Unregulated Service Order Charge
531	Labor Increments/Regulated - Initial

DE1000: DE234:

OD Other Charges and Credits Description Code
(cont.)

For the states of Iowa, Minnesota, Nebraska, North Dakota, and South Dakota

532	Labor Increments/Regulated - Additional
533	Labor Increments/Unregulated - Initial
534	Labor Increments/Unregulated - Additional
535	Installation/Regulated
536	Installation/Unregulated
537	Construction
538	Repair Visit/Regulated
539	Repair Visit/Unregulated
540	Material Regulated
541	Material Unregulated
542	Trouble Isolation
546	Change of Long Distance Company – Inside the Local Calling Area
556	Changing Your 1+ Long Distance Company
557	On Premises Wiring
558	On Premises Wiring Complex
559	OCP II Entrance Bridge
560	Change of Long Distance Company – Outside the Local Calling Area
576	Premium Set
577	Installation Charge Previously Paid
578	Termination of Payment Plan
580	Implementation of Court Ruling
581	Restricting Long Distance Service On
582	Restoring Long Distance Service ON
583	Customer Transfer Order Charge on a Resold Account

DE1000: **DE234:**

OD Other Charges and Credits Description Code
(cont.)

For the states of Iowa, Minnesota, Nebraska, North Dakota, and South Dakota

<i>584</i>	Business Line 12 Months for 10 - Includes Applicable EAS C
<i>150</i>	New Service Charge
<i>160</i>	Credit For Service Billed Before Connection
<i>180</i>	Credit For Service Disconnected
<i>190</i>	Charge or Service Prior to Disconnection
<i>200</i>	Credit For Service Removed
<i>205</i>	Charge For Tax Reform Act Previously Credited
<i>210</i>	Charge For Service Prior to Removal
<i>220</i>	Charge For Service Added
<i>225</i>	Tax Reform Act Credit
<i>230</i>	Credit For Service Billed
<i>239</i>	Your Date Has Changed From To
<i>240</i>	Charge Due to Change of Bill Date
<i>241</i>	Credit Due to Change of Bill Date
<i>250</i>	Credit for Service at Old Address
<i>260</i>	Charge for Service Not Previously Billed, at Old Address
<i>270</i>	Charge For Service Not Previously Billed To
<i>280</i>	Credit For Service Billed at New Address Before Connection
<i>300</i>	Credit For Service Bill at New
<i>301</i>	Credit Due to Concession Rate Change
<i>302</i>	Credit Due to Change in Concession Rate

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OD Other Charges and Credits Description Code
(cont.)

For the states of Iowa, Minnesota, Nebraska, North Dakota, and South Dakota

<i>310</i>	Charge For Service Prior to Decrease in Rates
<i>320</i>	Charge Due to Rate Increase
<i>321</i>	Charge Due to Elimination of Concession Rate
<i>322</i>	Charge Due to Change in Concession Rate
<i>330</i>	Credit For Service Prior to Rate Increase
<i>350</i>	Credit For Temporary Suspension
<i>351</i>	Charge For Increase Due to Restoral of Service
<i>352</i>	Charge For Service to Temporary Suspension
<i>353</i>	Credit For Service Prior to Restoral
<i>354</i>	Service Suspension Charge
<i>505</i>	Credit Due to Change in Payment Plan
<i>510</i>	Charge Due to Change in Payment Plan
<i>800</i>	Directory Listing Charge
<i>802</i>	Credit For Directory Listing
<i>803</i>	Charge For Directory Advertising
<i>804</i>	Credit For Directory Advertising
<i>805</i>	Credit For Advertising Previously Billed
<i>806</i>	Charge For Street Address Directory

DE1000: **DE234:**

OD Other Charges and Credits Description Code
(cont.)

For the states of Iowa, Minnesota, Nebraska, North Dakota, and South Dakota

900	Credit For Overbilling
901	Increase Due to Underbilling
905	Credit For Service Interruption
924	Credit For Service Interruption - Period Billing Charge
950	One-Time Charge For
951	Installation Charge For
960	One-Time Credit For
975	Purchase-Of
976	Remaining Payments Due
988	Charge to Renew Billing Plan

DE1000: DE234:

OD

Other Charges and Credits Description Code

For the states of Arizona, Colorado, Idaho (southern/eastern), Montana, New Mexico, Utah, and Wyoming Qwest uses the following eight character OC&C phrase codes.

<i>00001000 - 00026000 -</i>	Charge/Credit Monthly Service
<i>00034000</i>	Charge Due to Change in Monthly Bill Date
<i>00053000 - 00055000</i>	Charge/Credit Monthly Service
<i>00030000 - 00033000</i>	Correction of Monthly Service Charges
<i>00035000 - 00039000</i>	Changes to Monthly Service Rate
<i>00050000 - 00052000</i>	Directory Advertising Charges
<i>00065000 - 00066000</i>	Non-recurring Charges
<i>00070000 - 00071000</i>	Installation Charges
<i>00074000 - 00075000</i>	Deposit Interest/Refund
<i>00088000 - 00102000</i>	Installation Charges
<i>00116000</i>	Premise Visit Charge
<i>00213000 - 00239000</i>	Installation Charges/Credits
<i>00257000 - 00280000</i>	Misc Charge/Credit Adjustment(s)
<i>00300000 - 00303000</i>	Charge/Credit for Customer Access Service
<i>01010000</i>	Installment Billing
<i>02000000 - 20003000</i>	Credits/Debits for Services Billed Incorrectly
<i>30000000 - 30003000</i>	Usage Credits/Debits
<i>30113</i>	Refund for Service - per Qwest PUC Agreement

DE1000: **DE234:**

RP

Rate Period Code

A TCIF-maintained code identifying the basic category for this charge or credit.

See Section 10.4 of ETB – TCIF Guidelines:

<http://www.atis.org/atis/tcif/etb/aboutetb.htm>

SA

Service Activity Code

A TCIF-maintained code identifying the type of activity which resulted in an OC&C item being generated.

<i>A</i>	Add
<i>C</i>	Change
<i>CF</i>	Change From
<i>CT</i>	Change To
<i>D</i>	Delete
<i>R</i>	Record - Information Only

SC

Service Category Code

A locally defined code identifying the Service Category. This may be a Universal Service Order Code (USOC).

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SD

Settlement Code

Code used to classify messages and revenue, providing a lower level of detail regarding the origination and termination of a message.

<i>AA</i>	Intra-Canada
<i>AB</i>	Intrastate – US - US
<i>AC</i>	Intrastate - Independent Exchange Carrier to Independent Exchange Carrier
<i>AF</i>	Intrastate - Intercompany
<i>IA</i>	Intrastate
<i>IB</i>	Interstate - Independent Exchange Carrier to Independent Exchange Carrier
<i>IR</i>	Interstate
<i>LO</i>	Local
<i>NA</i>	International - US/Canada
<i>ND</i>	International - US/Mexico
<i>OS</i>	Overseas

SG

Service Group

Identifies a grouping of access lines/service.

DE1000: DE234:

SS

Service Sub-category Code

A locally defined code that further defines the service category. This code may or may not be used in conjunction with Service Category Code.

<i>A</i>	Airtime*
<i>EAS</i>	EAS Usage
<i>EAS-ADDL</i>	EAS Addl Usage
<i>ISDN</i>	ISDN Usage
<i>LMSA</i>	Call Area A (0-8 MILES)
<i>LMSA-ADDL</i>	Call Area A Addl Usage
<i>LMSA-TTL</i>	Call Area A Total Usage
<i>LMSB</i>	Call Area B (9+ Miles)
<i>LMSB-ADDL</i>	Call Area B Addl Usage
<i>LMSB-TTL</i>	Call Area B Total Usage
<i>LMSC</i>	Call Area C
<i>LMSC-ADDL</i>	Call Area C Addl Usage
<i>LMSC-TTL</i>	Call Area C Total Usage
<i>LMSD</i>	Call Area D
<i>LMSD-ADDL</i>	Call Area D Addl Usage
<i>LMSD-TTL</i>	Call Area D Total Usage
<i>LMSE</i>	Call Area E
<i>LMSE-ADDL</i>	Call Area E Addl usage
<i>LMSE-TTL</i>	Call Area E Total Usage
<i>LMS1</i>	Inside Exchange
<i>LMS1-TTL</i>	Inside Exchange Total Usage
<i>LMS2</i>	Outside Exchange
<i>LMS2-ADDL</i>	Outside Exchange Addl usage
<i>LMS2-TTL</i>	Outside Exchange Total Usage
<i>LOCAL</i>	Local Usage
<i>LOCAL-ADDL</i>	Local Addl Usage
<i>MISC</i>	Miscellaneous Usage
<i>STD-OUT</i>	Standby Line Outgoing Usage
<i>STD-INC</i>	Standby Line Incoming Usage

DE1000: **DE234:**

ST Message Service Type

<i>CF</i>	Non-Dial Conference
<i>CH</i>	Non-Dial Conference Leg
<i>LI</i>	Local Interrupt
<i>LV</i>	Local Verify
<i>MC</i>	Messenger Charge
<i>TG</i>	Telegram

TI Termination ID
Identifies the type of termination equipment used for a Private Line access.

TK Trunk Number/Identification

TM To/Terminating Station Telephone Number
The 7 to 10 digit terminating telephone number.

TN Telephone Number associated with billable charges

VR Variable Rate Code
Identifies that a variable rate applies to the billed item.

<i>VAR</i>	Variable
<i>AVG</i>	Average
<i>DISC</i>	Contract Discount

WN Wide Area Telephone Service (WATS) Line Number
The WATS or 800 service access line number SIT Code for which service is rendered.

WS Wide Area Telephone Service (WATS) SIS Code
Special identifying telephone number Supplement (SIS) code used to identify individual 800 service lines.

