



Qwest® BillMate® Billing Diskette/CD-ROM Customer Guide

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TABLE OF CONTENTS

SECTION 1: PROPRIETARY/DISCLAIMER INFORMATION.....	3
SECTION 2: BILLMATE DISKETTE CD-ROM OVERVIEW	4
<i>PRODUCT DEFINITION – BILLMATE® BILLING DISKETTE/CD-ROM.....</i>	<i>4</i>
<i>REGIONAL DIFFERENCES.....</i>	<i>4</i>
SECTION 3: GETTING STARTED.....	5
<i>DISKETTE/CD ROM DATA FORMAT</i>	<i>5</i>
DISKETTE LOADING.....	6
<i>Install the Data.....</i>	<i>6</i>
<i>TECHNICAL AND DOCUMENTATION NOTES</i>	<i>12</i>
<i>Sample File Layout.....</i>	<i>13</i>
COMMON QUESTIONS.....	15
TROUBLESHOOTING	18
SECTION 4: FILE LAYOUTS	20
FILES.....	20
FILE DESCRIPTIONS.....	20
INDIVIDUAL FILE LAYOUTS	22
800SLINE.DET.....	22
ADJUST.DET.....	24
AIRTIME.DET.....	26
DELIVSVC.DET.....	27
DIRADV.DET.....	28
DISCOUNT.DET.....	30
INFO.DET.....	32
INVOICE.DET.....	33
LDMISC.DET.....	35
LOCUSAGE.DET.....	38
MEASSVC.DET.....	40
MISCCHRG.DET.....	43
MISCCP.DET.....	46
MONSERV.DET.....	49
PAYMENT.DET.....	52
PRODUSG.DET.....	54
ROAMING.DET.....	58
SOACTVTY.DET.....	61
TOLL.DET.....	64
WATS.DET.....	67
ACCOUNT.SUM.....	71
ACTIVITY.SUM.....	73
SUBACCT.SUM.....	75
TAX.SUM.....	76
TOLLINE.SUM.....	77
USOCSUB.SUM.....	79
SECTION 5: GLOSSARY OF TERMS.....	81
GLOSSARY.....	81
GLOSSARY OF TERMS.....	81

SECTION 5: BACK MATTER.....	93
<i>APPENDIX A – Company Code - Western Region.....</i>	<i>93</i>
<i>APPENDIX A – Company Code - Eastern Region.....</i>	<i>98</i>
<i>APPENDIX A – Company Code - Central Region</i>	<i>102</i>
<i>APPENDIX B – Directory Codes - Western Region.....</i>	<i>108</i>
<i>APPENDIX B – Directory Codes - Eastern Region.....</i>	<i>109</i>
<i>APPENDIX B – Directory Codes - Central Region.....</i>	<i>112</i>
<i>APPENDIX C – Rate Code – Western Region.....</i>	<i>115</i>
<i>APPENDIX C – Rate Code - Eastern Region.....</i>	<i>116</i>
<i>APPENDIX C – Rate Code – Central Region.....</i>	<i>117</i>
<i>APPENDIX D – Tax and Surcharge Rules.....</i>	<i>118</i>
TYPE	118

Section 1: Proprietary/Disclaimer Information

Qwest® and BillMate® are the trademarks of Qwest. All other trademarks are owned by their respective companies.

Section 2: Billmate Diskette CD-ROM Overview

Product Definition – Billmate® Billing Diskette/CD-ROM

The BillMate® Billing Diskette/CD-ROM product consists of billing data extracted from Qwest customer accounts. The data is arranged into files and produced on diskette or CD-ROM medium. The data is then provided to the subscribing customers each month, following the same schedule as the paper bill.

The file is created in American Standard Code (ASCII format) with quote marks (where appropriate) and commas as delimiters between the data elements - comma delimited. This file format is compatible with:

- IBM/MS DOS 3 1/2 inch High Density (1.44 Mb) or CD-ROM
- spreadsheets
- relational data bases
- word processing software packages

The customer provides their own software to process the data.

This documentation will serve as a Customer Guide.

REGIONAL DIFFERENCES

Qwest was originally three separate companies - Pacific Northwest Bell, Mountain Bell and Northwestern Bell. As a result there exists three separate regional-billing platforms. In some instances products and services may differ among the regions.

The differences may affect the data conveyed to each customer. Each diskette file and embedded fields will all be presented in a common format regardless of region.

Below is a map that shows the separate billing regions within Qwest.



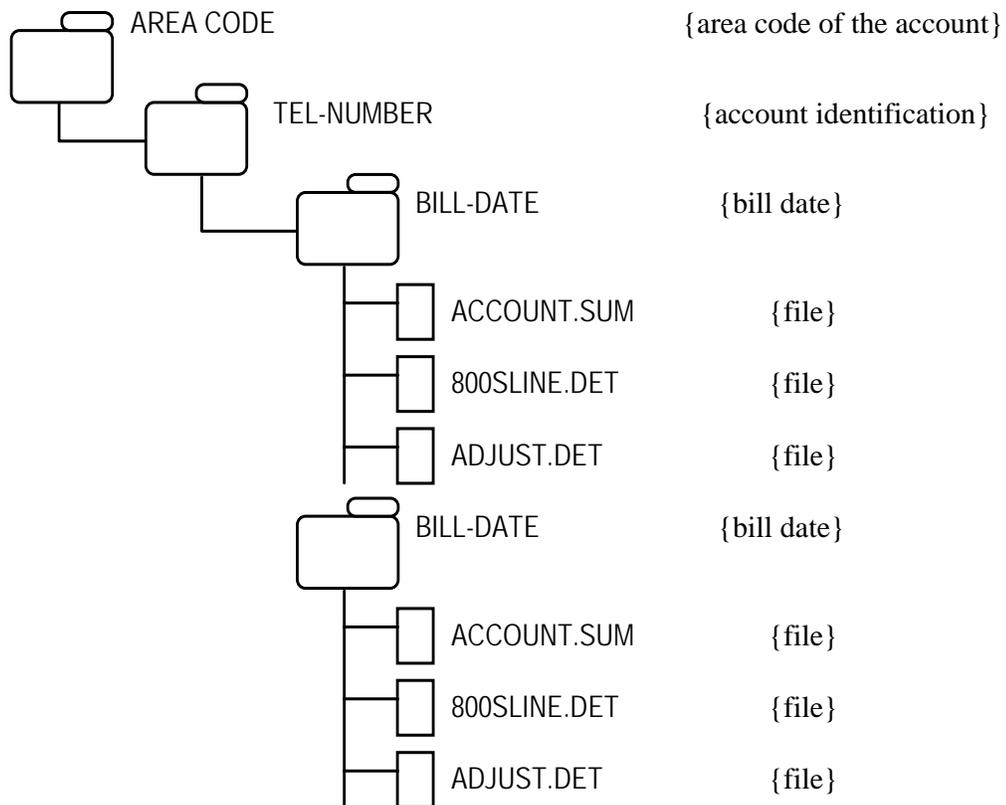
Section 3: Getting Started

Diskette/CD ROM Data Format

The files contained on the diskette(s) are stored in a compressed fashion. This allows for storing large volumes of data.

A data compression package is provided with each diskette or CD-ROM and includes an "de-compress" (explosion of data) program. The process is easy to use and loads the data to the drive of your choice. During this process, the data is separated into folders (sub-directories) and files. The billing data as well as the data "decompression" package are provided on the diskette.

The directory structure for the folders (sub-directories) is as follows:



Diskette Loading

Install the Data

BillMate® diskette data is now sent to customers in a self-extracting file.

To install the data, select the data file and then double-click on it. You will then be prompted for the destination location of the data.

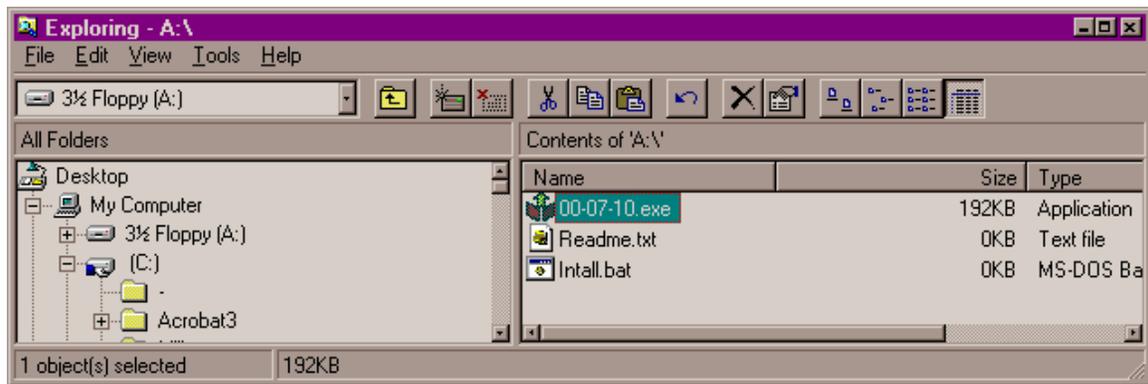
The format of the data file will be in Year Month Day (YY-MM-DD). For example, if you see 00-07-10.EXE, it would be data representing a billing period of July 10th, 2000.

The following example should help to load the BillMate® diskette/CD data. However, keep in mind that your drive letters, as well as your folder (sub-directory) name, could be different. For example, your diskette drive might be **A:** or **B:** and your CD-ROM drive might be **D:** or **E:**

Example:

Recommended approach.

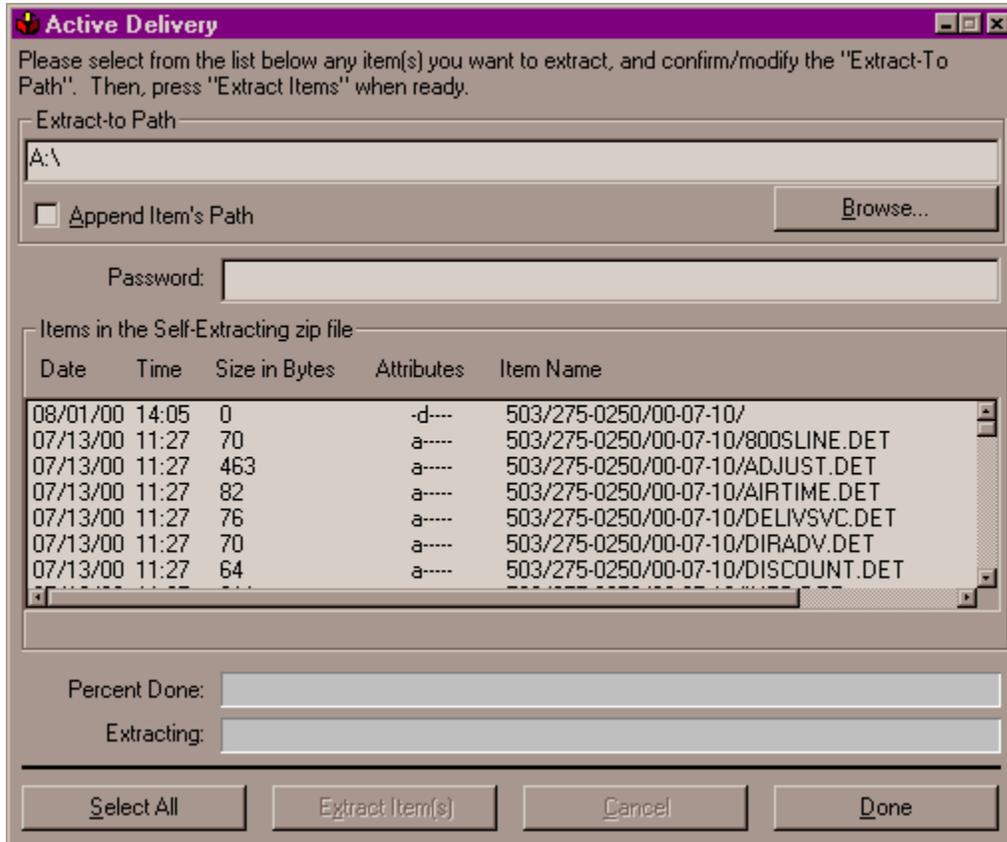
Open Windows Explorer (Windows NT Explorer) and select floppy drive, which – for most - will be the A:\ drive. If you receive CD-Rom media, use Explorer to select the CD drive. After that you should see something like:



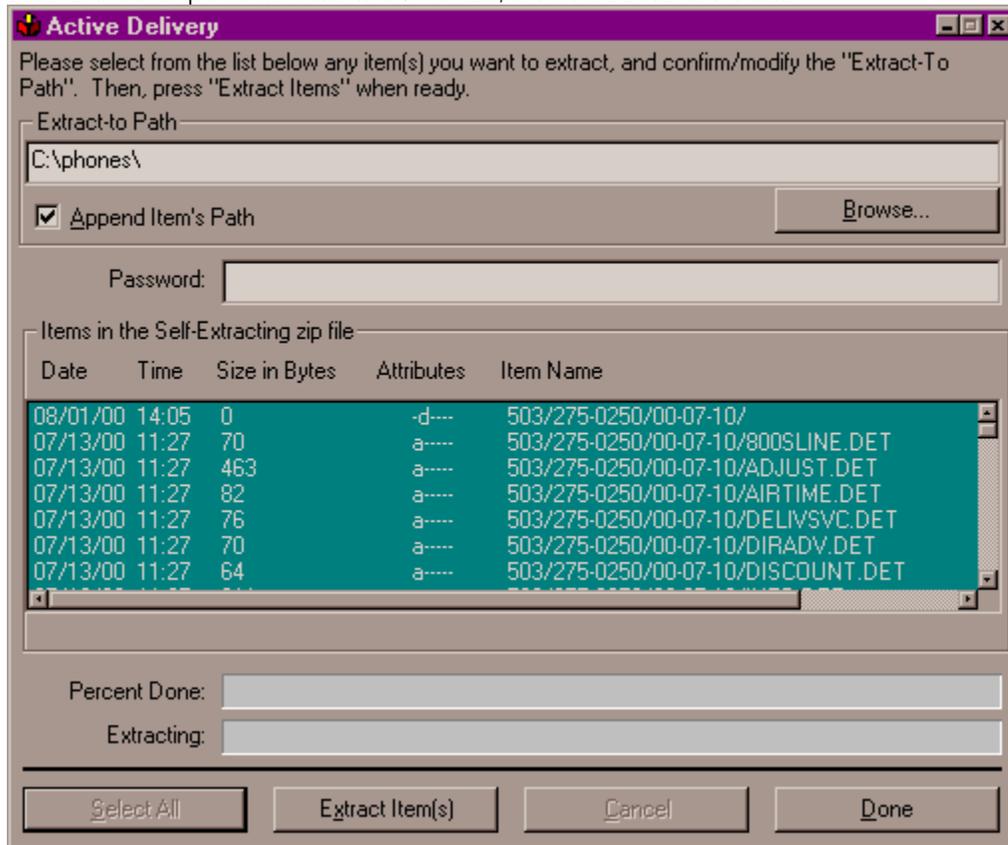
Then choose the '.exe' file, on the right side of the screen, and double-click on it. Note: this '.exe' file contains all files - for all your telephone numbers - including CSR data, if any. You will only receive one file for each area and billing period, regardless of the number billable accounts for which you receive BillMate® data.

If you wish to view the latest news, select and click on, the Readme.txt file. The Install.bat file, as shown above, will open and display the Readme.txt file. After 9/1/2000 it will no longer be sent.

Next, you will see the main installation screen, which should look something like:

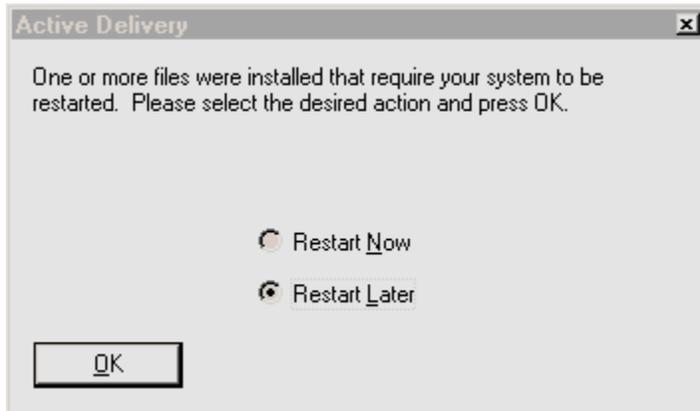


To continue installation you will need to change the Extract to Path to wherever you wish to install your BillMate© Data. In this example we will install to C:\PHONES, and we will install all the data.



To retain the correct structure of your data be sure and select 'Append Item's Path'. Otherwise, if you have more than one telephone number, you will over-write your data.

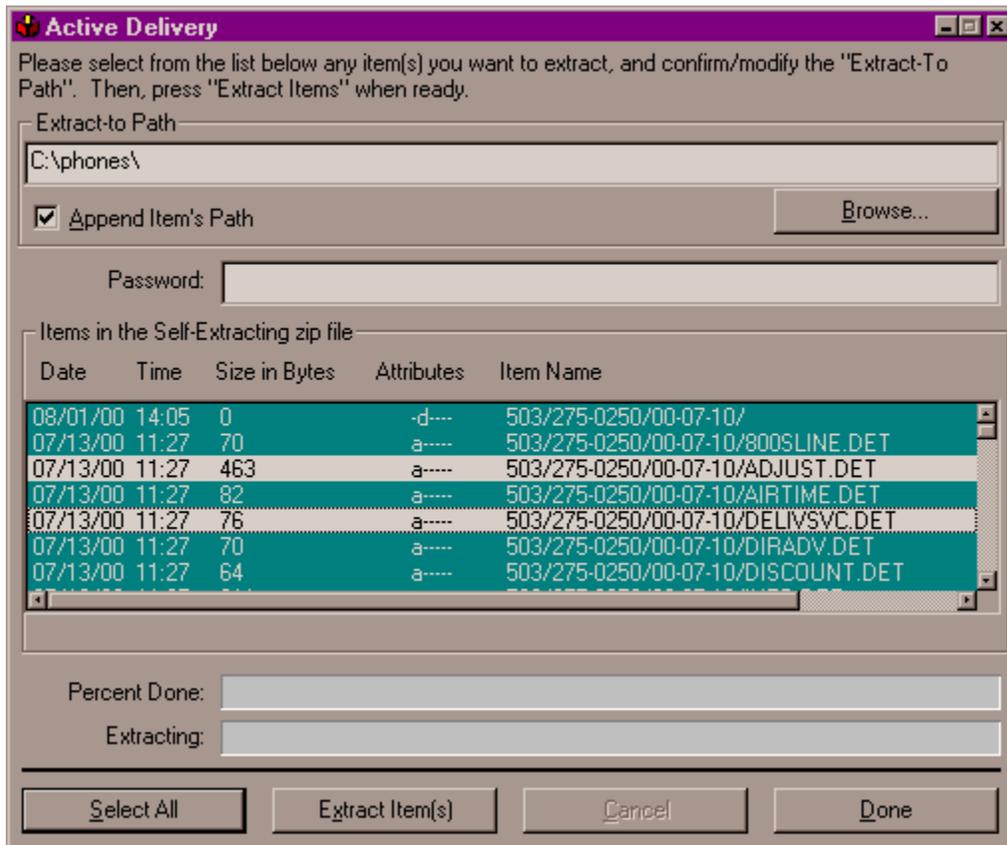
Now to finish the process, just click on the Extract Items button and the files will install. If you get a prompt that asks if you want to re-start your PC:



Be sure and select Restart Later, as it is not necessary to restart your PC.

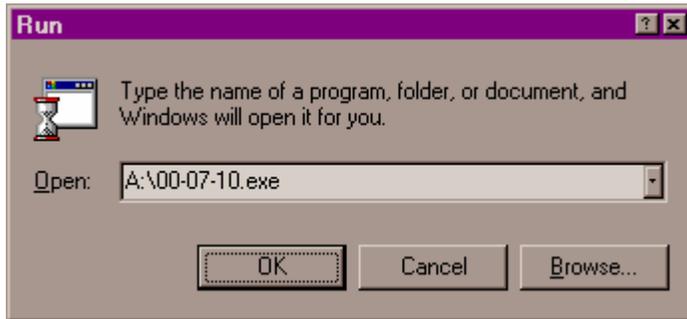
To complete the process, just click on Done and you are finished.

If you choose to not install all the files, do not select the ones you do not want. To do this you can hold down the Shift Key and select each file to install, or, select all of them and hold down the Cntl Key and then click on the files you do not want to install. In this example we are selecting all but the Adjust.Sum and the Delivsvc.Det files.



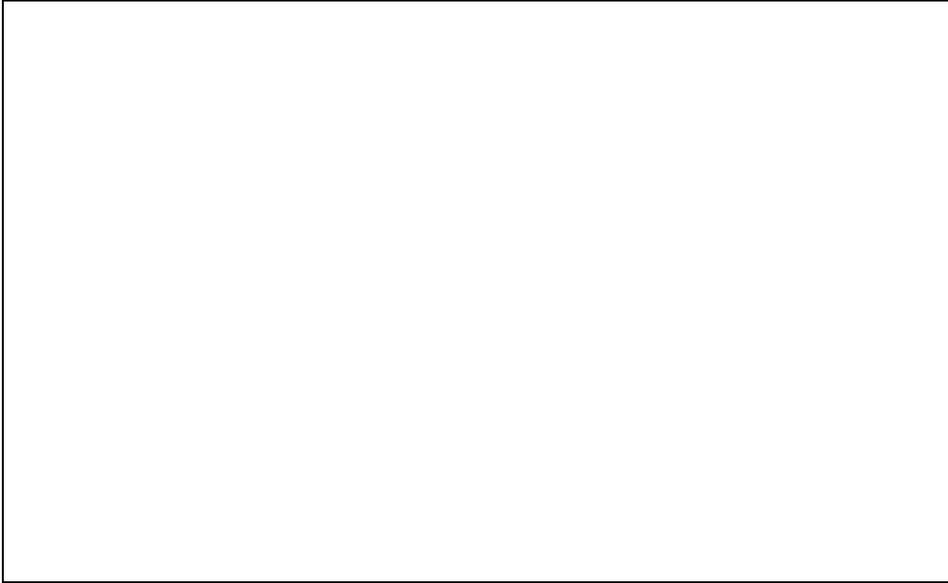
Alternate approach.

Another method of beginning the install process would be to select Start and Run, browsing to your BillMate data drive and selecting the EXE file. It should look something like:



Click on OK and the process will proceed as described previously.

The results of the example might be:



Technical and Documentation Notes

BillMate® diskette/CD data uses two kinds of files - summary and detail. Summary files contain totals of detail records. Detail records contain individual charges and phrases. All files will exist on the diskette(s), even when data for the specific categories of information is not present. See "Files" for a complete list of file names and descriptions.

Each file may contain multiple records. Records are derived from a fixed number of individual data elements that can interface with most spreadsheet, word processing, and relational data base software packages. The data files can also be inserted into user constructed applications via the [IMPORT] command. The data is organized in a format most commonly referred to as ASCII DELIMITED WITH QUOTES AND COMMAS.

Each of the files begins with a column heading record. These column headings correspond to the data element numbers that are documented in the Customer Guide. The column headings are separated by commas and enclosed in double quotes ("").

Included on diskette/CD is an inventory file named \$PACKING.LST. This file contains a list of the files and their corresponding record counts. Files that show one (1) as a record count will depict those that contain only the column heading record, but without actual billing data.

Each data record consists of ASCII data elements separated by commas:

- Alphanumeric strings are delimited by double quotes (") without trailing blanks.
- Numeric elements are represented without leading zeros.
- Signs are leading ASCII plus (+) and minus (-) characters.
- Missing signs are assumed positive.
- Decimal places are denoted by the decimal point or period (.).
- Elements without decimals are whole numbers.
- When there is no data for an element, it will be represented by a null string consisting of a single space between double quotes (" ") for text strings or a single zero for numeric elements (0).

The following example shows how the files are structured (see next page).

- Each record depicts each element, by number, as it exists from left to right.
- Each element is listed by element #, column letter, format of the data and a description of the contents.
- Format is denoted by "A" for alphanumeric strings, "SN" for signed numeric strings and "N" for unsigned numeric strings.
- The second part of format in the example shows the maximum element size.
- Where the maximum size is followed by a slash character (/), the number that follows denotes the decimal positions to the right of the decimal point.

Sample File Layout

- The following example describes a typical File/Record Document

FILE: EXAMPLE.DET
 DESC: Example Detail
 DATE: 11-02-92

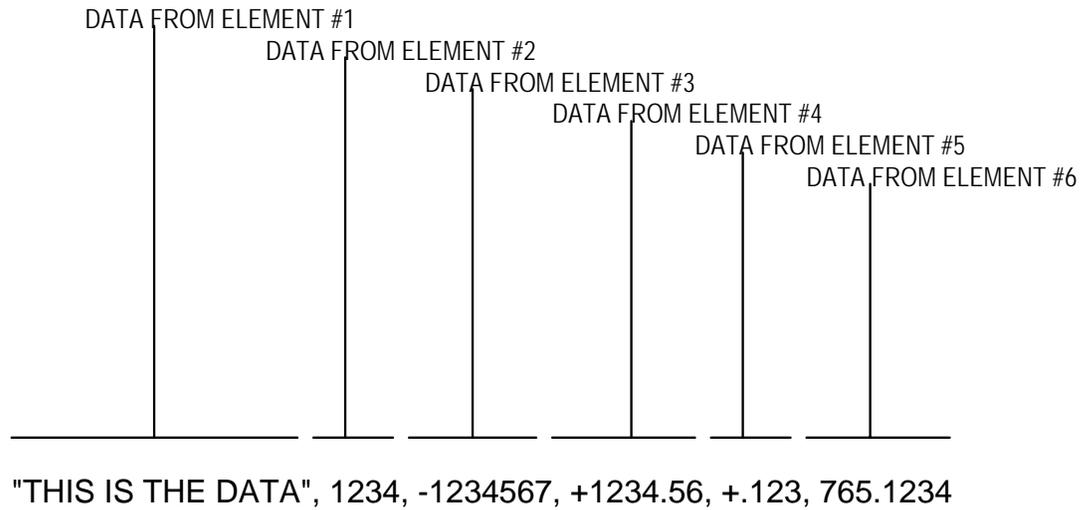
GENERAL NOTES:

These data elements correspond to those contained within the BillMate® diskette files.

#	C	FORMAT	CONTENTS
1	(A)	A 30	Data element #1 (spreadsheet column A) of the record is classified as ALPHANUMERIC with a maximum size of 30 characters. The data will be represented with ASCII characters bounded by double quotes; e.g. ["THIS IS THE DATA"].
2	(B)	N 6	Data element #2 (spreadsheet column B) of the record is classified as UNSIGNED NUMERIC INTEGER (without decimal positions and assumed positive) with a maximum size of 6 digits; e.g. [1234].
3	(C)	SN 7	Data element #3 (spreadsheet column C) of the record is a SIGNED NUMERIC INTEGER (without decimal positions) with a maximum size of 7 digits; e.g. [-1234567]. Note: The sign (-) does not count as a digit in the maximum size.
4	(D)	SN 9/2	Data element #4 (spreadsheet column D) of the record is classified as a SIGNED NUMERIC with a maximum size of 9 total digits, with 2 of those being decimal digits to the right of a decimal point; e.g. [+1234.56]. Note: The decimal point (.) does not count as a digit in the maximum size.
5	(E)	SN 3/3	Data element #5 (spreadsheet column E) of the record is a SIGNED NUMERIC with a maximum size of 3 digits, with all 3 being to the right of a decimal point; e.g. [+.123].
6	(F)	N 7/4	Data element #6 (spreadsheet column F) of the record is an UNSIGNED NUMERIC with a maximum size of 7 digits, with 4 of the digits being to the right of a decimal point; e.g. [765.1234].

This is an example of how the elements of a record look in a BillMate® diskette/CD file.

FILE: EXAMPLE.DET
DESC: Example Detail
DATE: 11-02-92



Common Questions

Frequently Asked Questions (FAQ's) and Troubleshooting Guide

The following are frequently asked customer questions or situations pertaining to BillMate Diskette/CD-ROM. A Troubleshooting Guide for persons having difficulty getting started with or using the BillMate product follows. By checking here, you may be able to avoid making a call to resolve a problem that you are experiencing.

1. What is the BillMate Billing Diskette Customer Guide?

This is a large paper document, contained in a three-ring binder, which explains all aspects of BillMate Diskette/CD-ROM service, and which is sent to each customer when the service is inaugurated. This list of questions/situations is included as a section of the Guide. Updates are regularly sent before changes in the service are made. Your organization should contact your Qwest account representative whenever the name or address of the person responsible for maintaining your copy of the guide changes.

2. I don't have or can't find a copy of the Customer Guide.

It could be that the person at your organization who ordered the service from Qwest has a copy of the Guide. If not, or if that person is no longer with your organization, please contact your Qwest account representative and request another copy. You can also obtain a copy of the guide at:
<http://www.qwest.com/largebusiness/products/downloads/BMDiskCustGuidecurrent.pdf>

3. Is there a separate Customer Guide for CD-ROM users?

No, the information contained in the Guide is applicable to either Diskette or CD-ROM operations.

4. Is the Customer Guide available on-line?

The Guide is available at:
<http://www.qwest.com/largebusiness/products/downloads/BMDiskCustGuidecurrent.pdf>

5. The Customer Guide is loaded with terms and acronyms that I don't understand. Can you provide me with some help?

Yes. Near the back of the Customer Guide is a Glossary that provides definitions for commonly used Qwest terms.

6. What software is required to use/run the BillMate Diskette/CD-ROM?

BillMate Diskettes and CD-ROMs are compatible with most software packages that provide spreadsheet capability. It is important to note that the format used is "ASCII delimited with quotes and commas." You might need to select specifically for that format in setting up your files to receive the data contained on the Diskette/CD-ROM.

7. If I sign up for this service, will I continue to receive a paper bill?

Yes, the paper bill is considered the "bill of record", and you will continue to receive it.

8. Is it possible to have copies of my Diskettes/CD-ROMs sent to two or more addresses?

We do not have the capacity at this time to send you more than one copy of the Diskette/CD-ROM. If you need multiple copies and/or need them sent to different addresses, we suggest you check into diskette or CD-ROM duplication services in your local area.

9. How long after the bill date should I expect to receive my Diskettes/CD-ROMs?

The process of collecting the monthly data for your accounts from our billing systems and getting it to our Diskette/CD-ROM production center can take up to seven days. The production center can usually produce Diskettes/CD-ROMs within a day, and they are mailed the next day.

10. I didn't receive this month's Diskettes/CD-ROMs.

Check with your accounting group to determine if there have been payment problems, or check with your telecommunications group to see if there have been recent changes made to your account. In some cases, these situations can cause delays or changes in Diskette/CD-ROM delivery times. If there are no obvious answers, please feel free to call your Qwest account representative.

11. How do I correlate the data from the Diskette/CD-ROM with the data on my paper bill?

In most cases, the data you receive on Diskette/CD-ROM will correlate with your paper bill. Where it might change slightly is with regional differences in our billing systems, discussed below, in which similar data might appear in different files. In addition, legal disclaimers and marketing messages that appear on the paper bill are not included in the electronic bill that you receive via Diskette or CD-ROM.

12. There seem to be different formats for bills from different regions within Qwest.

You are right. There are three slightly different billing systems in use within Qwest: one for the states of Oregon and Washington (our Western region); one for the states of Arizona, Colorado, Idaho, Montana, New Mexico, Utah, and Wyoming (our Central region); and one for the states of Iowa, Minnesota, Nebraska, North Dakota, and South Dakota (our Eastern region). These legacy systems will be replaced with a single billing system with a common format, and we will announce the change when it is ready to be implemented.

13. Why don't you make all of the fields the same length within a given record? Also, why are the double quote marks around some fields and not around others?

The records within a given file are variable in length because the fields are variable in length. The concept was to conserve space on the Diskette/CD-ROM by supplying a standard ANSCI COMMA DELIMITED format. Therefore, leading zeros on numeric fields and trailing spaces on non-numeric fields are suppressed. Null fields (where there is no data to convey) are passed as single characters. The format is compatible with most spreadsheet and relational data software packages. Quotes surround non-numeric fields (text) because the actual data itself may contain commas.

14. I have an IBM compatible PC at home that I have configured with a derivative of the UNIX operating system. Will I be able to read the BillMate Billing Diskette/CD-ROM?

The data files themselves are constructed of standard (ANSI) ASCII characters that should be compatible with your system. However, the diskette drive must be able to access the data in the proper density (High Density) and the software driver for the diskette drive must be of the type to recognize IBM/MS DOS formats. Many of these types of systems are configured with software conversion utilities that allow the execution of MS DOS software. If yours is one of those, you should be able to read the Diskette.

15. How do I store data in the compressed format on my hard drive?

The standard DOS COPY commands will leave the data compressed.

16. There are generic column headings existing on the first record of each file that are not necessary for my relational data base application. How come they're there?

The column heading records are included as the first record of each file to allow customers who use spreadsheet packages to construct macros.

17. My responsibility involves the audit of telephone calls billed to credit cards supplied by my organization. Are these calls identified some way?

Yes. Calls that are calling card billed are identified by the value "1" within a data element of the TOLL.DET file. The value of the calling card used for the billing of the call can be found in a different data element of the same record.

18. You are sending the Diskettes/CD-ROMs to the wrong person or wrong address at my organization.

Please contact your Qwest account representative to request a name or address change. It is important that we have current addressee information so that you will be notified in advance of changes and upgrades to this service.

19. What is a BTN?

BTN stands for Billing Telephone Number. It is the number at the top of your paper bill, against which all charges are posted, sometimes referred to as the account number. Other telephone numbers associated with a BTN are called Sub-Accounts. When you look at the Diskette/CD-ROM that we send to you, you'll note a BTN is displayed on the label. Other BTNs may be included on the same Diskette/CD-ROM, depending on the total size of your account.

20. How do I add or delete accounts or BTNs from the monthly Diskette/CD-ROM?

To add or delete accounts, please contact your Qwest account representative.

21. Who can I contact for BillMate Diskette/CD-ROM technical support?

For technical support, please call: 800-718-8859. The number is staffed during the workweek from approximately 7:00 a.m. to 4:00 p.m., Pacific time. If you call outside those hours or get a recording, please leave a message and you will be contacted soon as possible. You can also send an email to: jhorton@qwest.com

22. Who can I contact to make suggestions for improvements?

Please call us at 800-718-8859 with any suggestions or technical questions about your BillMate Billing Diskette/CD-ROM service. You can also send an email to: jhorton@qwest.com

Troubleshooting

- 1. I don't know how to access the data contained on the Diskette/CD-ROM.**
Please refer to the front section of the Customer Guide, particularly the sections titled "Getting Started", "Diskette Loading", "Accessing the Command Prompt", and "Technical and Documentation Notes." The information contained in these sections will provide you with a step-by-step approach to accessing your data.
- 2. There is no data, or only unrecognizable data on the Diskette/CD-ROM.**
Review the instructions found in the Guide in the "Diskette Loading", "Accessing the Command Prompt", and "Technical and Documentation Notes" sections. Also, if this is not your first time Diskette/CD-ROM setup, try accessing the data from a previous Diskette/CD-ROM to insure that your computer and files are set up properly. If there is still a problem, please call us at 800-718-8959, or email at: jhorton@qwest.com
- 3. The data on the Diskette/CD-ROM is in the wrong format.**
Review the instructions found in the Guide in the "Diskette Loading", "Accessing the Command Prompt", and "Technical and Documentation Notes" sections. Also, if this is not your first time Diskette/CD-ROM setup, try accessing the data from a previous Diskette/CD-ROM to insure that your computer and files are set up properly. It is also possible that we have indeed changed the format and that you have not seen the corresponding change that we made to the Customer Guide. If that is the case, please contact your Qwest account representative.
- 4. When I use the IMPORT command to load data from the Diskette/CD-ROM into my spreadsheet template, the entire file seems to fill only the first cell.**
The IMPORT command was probably set for ASCII TEXT rather than ASCII with COMMAS as the delimiters and QUOTES bounding text strings. Depending on which spreadsheet package you are using, the terminology may differ. Most often, the format is referred to as ASCII DELIMITED, ASCII DELIMITED WITH COMMAS AND QUOTES, ASCII WITH COMMAS, or TEXT WITH COMMAS. You will need to select the proper setting to recognize that format during the execution of the IMPORT command.
- 5. I have an application that requires the separation of long-distance charges into departments that are internal within my company. I can identify the messages on the TOLL.DET file for each department by using the data element for Prefix and Line Number, but I can't find individual tax figures for each message. Am I missing something?**
No, you're not missing anything. The tax figures for each message are not available. Taxes are not applied on an individual charge basis on our telephone billing statements, but are computed on subtotals for each long-distance carrier your company uses.
- 6. When I load the diskette/CD-ROM data into my PC, the INSTALL process stores the files in a directory tree structure automatically. I want certain files to be stored under my own directories so that my applications don't have to be changed every month to access those files. Is there an easy way I can do this?**
The directory structure used for the storage of the data is intended to help prevent the accidental destruction of previously received data files. It also provides a means to logically accumulate a history for each unique billing account associated with your company. Once stored on your machine, any or all of the files can be moved or copied to whichever directory paths your applications require.

- 7. Many of the data elements on the files contain null values. Why isn't the data there for these fields?**
The presence of a null value means that the data for that element did not exist for the specific product or service for that billing period. The null values are supplied in order to maintain a standard structure for the files.
- 8. I keep running out of memory when I try to load one of the files into my spreadsheet. Do I have any alternatives besides buying a new machine or making my old one larger?**
There may be some alternatives. One option might be to write a program that extracts only the data required for your application. Another option would be to use a different software package that has greater file size capabilities.
- 9. There are a number of files associated with my Diskette/CD-ROM that are always empty except for the column heading record. I have to look at them to determine that. Why do you include empty files?**
The "empty" files are included on the Diskette/CD-ROM to reflect a positive reporting mechanism to remove the uncertainty of missing files. To determine which files do not contain data, browse the \$PACKING.LST file on the Diskette/CD-ROM. Any file with a record count of one (1) is an "empty" file.

Section 4: File Layouts

Files

FILE DESCRIPTIONS

The following is a list of the various diskette files and a description of their data contents:

FILENAME	DESCRIPTION
800SLINE.DET	Contains detail records associated with 800 SERVICELINE.
ADJUST.DET	Contains detail records of different types of adjustments for an account.
AIRTIME.DET	Contains detail records of airtime, wireless and cellular telephone services.
DELIVSVC.DET	Contains detail records of charges associated with Delivery Services (976
DIRADV.DET	Contains detail records of charges associated with directory advertising.
DISCOUNT.DET	Contains discount information on specific Qwest products.
INFO.DET	Contains detail records of inquiry telephone numbers for each service provider that has billed charges.
LDMISC.DET	Contains detail records of miscellaneous long-distance charges related to unique types of Directory Assistance.
LOCUSAGE.DET	Contains detail records associated with local usage, interconnect, and ISDN packages.
MEASSVC.DET	Contains detail records associated with measured usage and measured ISDN services.
MISCCHRG.DET	Contains detail records of miscellaneous charges including directory assistance requests, generic debits and credits, SWITCHNET charges, installment billing and other miscellaneous charges.
MISCCP.DET	Contains detail records of messages associated with Qwest miscellaneous calling plans.
MONSERV.DET	Contains detail records of each telephone service (USOC) that has been billed as part of the monthly service charge.

FILE DESCRIPTIONS, cont.

FILENAME	DESCRIPTION
PAYMENT.DET	Contains detail records of payments made to the account.
PRODUSG.DET	Contains information about the usage product charges.
ROAMING.DET	Contains detail records of roaming charges used with wireless phone calls and charges used with mobile phones.
TOLL.DET	Contains detail records of long-distance messages (TOLL).
WATS.DET	Contains detail records associated with WATS services billed.
ACCOUNT.SUM	Contains summary records of all current telephone charges for an account.
ACTIVITY.SUM	Contains account activity such as prior month's activity as well as current charges and amount due.
SUBACCT-SUM	Contains summary records of total billed charges for each individual sub account within a summary billed account.
TAX.SUM	Contains summary records of tax amounts billed for all taxable services.
TOLLINE.SUM	Contains summary records of long-distance charges (TOLL) that are charged to each individual telephone number.

*Individual File Layouts***800SLINE.DET**

FILE:800SLINE.DET
 DESC: 800 SERVICELINE Detail
 DATE: 03-07-98

GENERAL NOTES:

This record contains detailed information of telephone messages recorded and billed via 800 SERVICELINE. Each record represents a single message.

#	C	FORMAT	CONTENTS
1	(A)	A 17	The billing or WATS service account number.
2	(B)	A 8	The current billing date (MMDDYYYY).
3	(C)	A 4	The code that identifies the applicable service provider for the information within this record. Refer to the service provider reference list for code translations.
4	(D)	A 6	The designated department code for this record.
5	(E)	A 10	The working telephone number for this record.
6	(F)	A 8	The message date for this record (MMDDYYYY).
7	(G)	N 6/2	The beginning connect time of the message.
8	(H)	A 2	Contains the value "AM" or "PM" for the beginning connect time.
9	(I)	A 16	The From (originating) telephone number.
10	(J)	A 16	The From (originating) city and state.
11	(K)	A 16	The To (terminating) telephone number.
12	(L)	A 16	The To (terminating) city and state.
13	(M)	N 5/1	The elapsed time of the message (minutes and tenths).

Example

FILE: 800SLINE.DET
 DESC: 800 SERVICELINE Detail
 DATE: 03-18-98

#1 Service account	#2 Bill date	#3 Communications company code	#4 Department code	#5 Originating number
"2065551212"	"03251998"	"1000"	"000001"	"2065551122"

(record continued below)

#6 Message Date	#7 Connect Time	#8 AM/PM Indicator	#9 From Number	#10 From City & State	#11 To Number
"03181998"	732.00	"PM"	"2065553455"	"SEATTLE WA"	"8005551111"

(record continued below)

#12 To City & State	#13 Call Duration Mins & Tenths
"ANYWHERE WA"	7.0

ADJUST.DET

FILE:ADJUST.DET
 DESC: Adjustments Detail
 DATE: 12-02-2004

GENERAL NOTES:

This record contains detailed information of adjustments that have been made to the telephone account since the last billing. Each record represents a single adjustment transaction.

#	C	FORMAT	CONTENTS
1	(A)	A 17	The billing or WATS service account number.
2	(B)	A 8	The current billing date (MMDDYYYY).
3	(C)	A 4	The code that identifies the applicable service provider for the information within this record. Refer to the service provider reference list for code translations.
4	(D)	A 6	The designated department code for this record.
5	(E)	A 10	The working telephone number for this record.
6	(F)	A 19	The adjustment type description.
7	(G)	A 8	The date the adjustment was made (MMDDYYYY).
8	(H)	A 92	The adjustment description as it appears on the paper bill.
9	(I)	A 13	The telephone number associated with a transfer type adjustment.
10	(J)	A 8	The date from which the adjustment applies (MMDDYYYY).
11	(K)	A 8	The date through which the adjustment applies (MMDDYYYY).
12	(L)	A 8	The deposit adjustment date (MMDDYYYY).
13	(M)	SN 7/2	The deposit adjustment amount.
14	(N)	SN 9/2	The amount of interest applied to a deposit.
15	(O)	SN 9/2	The total adjustment amount.
16	(P)	A 8	The from date of an adjustment on a wholesale account, if any.
17	(Q)	A 8	The through date of an adjustment on a wholesale account, if any.
18	(R)	A 16	The customer selected audit code, on a wholesale account, if any.
19	(S)	A 1	The Recurring / Non Recurring indicator on a wholesale account.

20	(T)	A	5	The USOC being adjusted, if any.
21	(U)	A	30	USOC description field #1, if any.
22	(V)	A	30	USOC description field #2, if any.
23	(W)	A	30	USOC description field #3, if any.
24	(X)	A	30	USOC description field #4, if any.

AIRTIME.DET

FILE:AIRTIME.DET

DESC: Wireless Airtime Detail

DATE: 03-07-98 (updated 5/2002)

GENERAL NOTES:

This record contains detailed information for wireless and cellular phone calls.

#	C	FORMAT	CONTENTS
1	(A)	A 17	The billing or WATS service account number.
2	(B)	A 8	The current billing date (MMDDYYYY).
3	(C)	A 4	The code that identifies the applicable service provider for the information within this record. Refer to the service provider reference list for code translations.
4	(D)	A 6	The designated department code for this record.
5	(E)	A 10	The working telephone number for this record.
6	(F)	A 8	The message date for this record (MMDDYYYY).
7	(G)	N 6/2	The beginning connect time of the message.
8	(H)	A 2	Contains the value "AM" or "PM" for the beginning connect time.
9	(I)	A 14	The From (originating) telephone number.
10	(J)	A 14	The To (terminating) telephone number.
11	(K)	A 16	The To (terminating) city and state.
12	(L)	N 5/1	The elapsed time of the message (minutes and tenths).
13	(N)	A 5	Long-distance carrier code.
14	(O)	A 8	Contains information about the call; such as DISCOUNT, STANDARD or CALL PERIOD indicator.
15	(P)	SN 9/2	The message charge amount.

DELIVSVC.DET

FILE:DELIVSVC.DET

DESC: Delivery Service (976 calls) Detail

DATE: 03-07-98 (updated 5/2002)

GENERAL NOTES:

This record contains detailed information of messages made to information delivery services (976 numbers). Each record represents a single message.

#	C	FORMAT	CONTENTS
1	(A)	A 17	The billing or WATS service account number.
2	(B)	A 8	The current billing date (MMDDYYYY).
3	(C)	A 4	The code that identifies the applicable service provider for the information within this record. Refer to the service provider reference list for code translations.
4	(D)	A 6	The designated department code for this record.
5	(E)	A 10	The working telephone number for this record.
6	(F)	A 21	The information delivery service provider name.
7	(G)	A 9	The From (originating) city and state.
8	(H)	A 10	The From (originating) telephone number.
9	(I)	A 7	The To (terminating) 976 number.
10	(J)	A 8	The message date for this record (YYYYMMDD).
11	(K)	N 4	The beginning connect time of the message.
12	(L)	A 2	Contains the value "AM" or "PM" for the beginning connect time.
13	(M)	N 5/1	The elapsed time of the message (minute and tenths).
14	(O)	SN 9/2	The message charge amount.

DIRADV.DET

FILE:DIRADV.DET
 DESC: Directory Advertising Detail
 DATE: 03-07-98

GENERAL NOTES:

This record contains detailed information of charges associated with directory advertising (Yellow Pages). Each record represents charges applicable to a single directory (telephone book).

#	C	FORMAT	CONTENTS
1	(A)	A 17	The billing or WATS service account number.
2	(B)	A 8	The current billing date (MMDDYYYY).
3	(C)	A 4	The code that identifies the applicable service provider for the information within this record. Refer to the service provider reference list for code translations.
4	(D)	A 6	The designated department code for this record.
5	(E)	A 10	The working telephone number for this record.
6	(F)	A 7	The From (originating) telephone number for transferred charges.
7	(G)	A 4	The telephone directory code.
8	(H)	SN 9/2	The directory charge rate.
9	(I)	A 8	The From (originating) date (MMDDYYYY).
10	(J)	A 8	The To (terminating) date (MMDDYYYY).
11	(K)	N 2	The calculated number of days billed.
12	(L)	A 92	The text phrase as it appears on the paper bill.
13	(M)	SN 9/2	The charge amount.

Example

FILE: DIRADV.DET
 DESC: Directory Advertising Detail
 DATE: 03-07-98

#1 Service account	#2 Bill date	#3 Communications company code	#4 Department code	#5 Originating number
"2065551212"	"03251998"	"1000"	"000001"	"2065551122"

(record continued below)

#6 From number	#7 Directory code	#8 Directory charge rate	#9 From date	#10 To date	#11 Calculated days billed	#12 Text phrase on bill	#13 Charge amount
"2065551222"	"0108"	+1200.00	"02011998"	"04021999"	60	"Phrase on the bill"	+200.00

DISCOUNT.DET

FILE:DISCOUNT.DET
 DESC: Discount Record Detail
 DATE: 09-13-2004

GENERAL NOTES:

This record contains the discount information pertinent to specific Qwest products.

This record last changed 09/13/2004. Field 8, Discount description, changed from 77 to a maximum of 280 bytes.

#	C	FORMAT	CONTENTS
1	(A)	A 17	The billing or WATS service account number.
2	(B)	A 8	The current billing date (MMDDYYYY).
3	(C)	A 4	The code that identifies the applicable service provider for the information within this record. Refer to the service provider reference list for code translations.
4	(D)	A 6	The designated department code for this record.
5	(E)	A 10	The working telephone number for this record.
6	(F)	N 8	From date (MMDDYYYY).
7	(G)	N 8	To date (MMDDYYYY).
8	(H)	A 280	The discount description.
9	(I)	N 10	The number of value points awarded.
10	(J)	SN 7/2	Amount eligible for discount or credit.
11	(K)	SN 7/2	The amount. Can be discounted, credited, or full amount before discount.
12	(L)	SN 7/2	The charge amount.

Example

FILE: DISCOUNT.DET
DESC: Discount Record Detail
DATE: 03-27-99

#1 Service account	#2 Bill date	#3 Communications company code	#4 Department code	#5 Originating number
"2065551212"	"03251998"	"1000"	"000001"	"2065551122"

(record continued below)

#6 From date	#7 To date	#8 Description	#9 Number of points awarded	#10 Amount	#11 Discount amount or total credit	#12 Total charge amount
"11011998"	"12011998"	"Shared Payphone Credits"	0	+1653.93	+248.08	0

INFO.DET

FILE: INFO.DET
DESC: Miscellaneous Information Detail
DATE: 12-12-2002

GENERAL NOTES:

This record contains miscellaneous information pertaining to multiple subjects associated with the customer account. The record is formatted with flexible column structures beyond data element #9 to support multiple uses.

#	C	FORMAT	CONTENTS
1	(A)	A 17	The billing or WATS service account number.
2	(B)	A 8	The current billing date (MMDDYYYY).
3	(C)	A 4	The code that identifies the applicable service provider for the information within this record. Refer to the service provider reference list for code translations.
4	(D)	A 6	The designated department code for this record.
5	(E)	A 10	The working telephone number for this record.
6	(F)	A 12	The data element description. Each value, with its corresponding element description, is outlined as follows: <i>When data element #6 contains the value INQ/SER NUMS the columnar format exists as follows:</i>
7	(G)	A 14	The service provider telephone number to call for information and assistance regarding the billing of current telephone account services.
8	(H)	A 14	The service provider telephone number to call for information and assistance regarding the telephone services supplied by that company.
9	(I)	A 50	The URL, if any, of the service provider.

INVOICE.DET

FILE: INVOICE.DET
 DESC: Detail of Invoice (Interexchange Carrier) Charges
 DATE: 5/23/2005

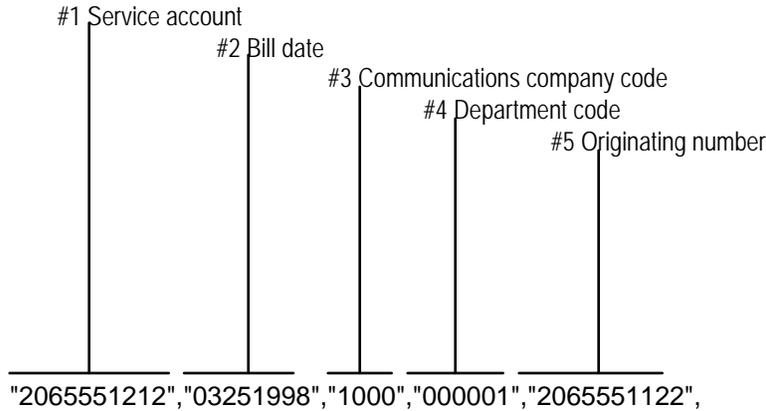
GENERAL NOTES:

This record contains information regarding invoices from Inter-exchange Carriers for recurring and other, non-usage charges.

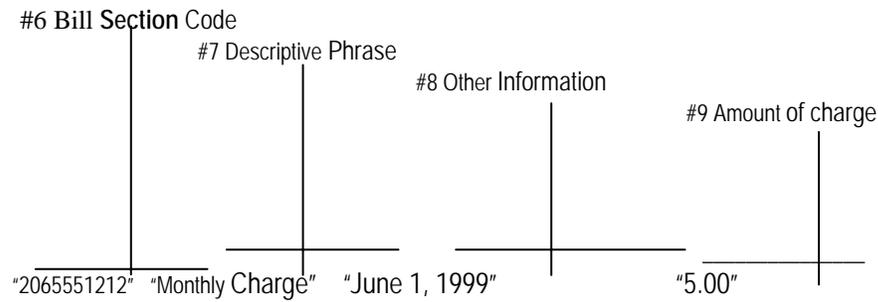
#	C	FORMAT	CONTENTS
1	(A)	A 17	The billing service account number.
2	(B)	A 8	The current billing date (MMDDYYYY)
3	(C)	A 4	The code that identifies the applicable service provider for the information within this record. Refer to the service provider reference list for code translations.
4	(D)	A 6	The designated department code for this record.
5	(E)	A 10	The working telephone number for this record.
6	(F)	A 1	The Bill Section Code. A code which indicates what section of the Interexchange Carrier invoice the charge appears and also Qwest Savings . VALUE TRANSLATION E ADJUSTMENTS FROM CARRIER F DIRECT TV FEES T TAXES M MONTHLY CHARGES O OTHER CHARGES D DISCOUNTS C CALLING PLAN CHARGES(NON-USAGE) S MISCELLANEOUS CHARGES(NON-USAGE) A AIRTIME SUBTOTAL CHARGES R ROAMING SUBTOTALS L LONG-DISTANCE SUBTOTALS U ALL OTHER CARRIER CHARGES Y INTERNET YELLOW PAGES B DIRECTORY ADVERTISING CHARGES V DIRECT TV TOTAL CHARGES Q QWEST SAVINGS (INCLUDES TAX & SURCHARGE ADJUSTMENTS)
7	(G)	A 100	The descriptive phrase as shown on the invoice.
8	(H)	A 50	Other information provided by the carrier, such as dates or telephone numbers.
9	(I)	SN 11/3	The amount of the Carrier Invoice Charge.

FILE: INVOICE.DET
 DESC: Detail of Inter-Exchange Carrier Charges
 DATE: 01-07-00

Example



(record continued below)



LDMISC.DET

FILE: LDMISC.DET
DESC: Long-Distance Miscellaneous Detail
DATE: 12-2-98

GENERAL NOTES:

This record is used to convey summarized information regarding charges billed for miscellaneous long-distance services. The services include those associated with directory assistance requests, 800 SERVICE LINE, interexchange toll billed via Qwest calling card, WATSaver, Prime Saver, and some long-distance services that display summary information. Each record represents a single charge transaction.

#	C	FORMAT	CONTENTS
1	(A)	A 17	The billing or WATS service account number.
2	(B)	A 8	The current billing date (MMDDYYYY).
3	(C)	A 4	The code that identifies the applicable service provider for the information within this record. Refer to the service provider reference list for code translations.
4	(D)	A 6	The designated department code for this record.
5	(E)	A 10	The working telephone number for this record.
6	(F)	A 40	The description of the service billed.
7	(G)	A 25	Service billed if other than Directory Assistance.
8	(H)	N 7	The total number of directory assistance requests, or if Prime Saver Prior month's usage, the Hours Used.
9	(I)	SN 2/2	The rate (per request) for directory assistance requests beyond the allowance.
10	(J)	N 5	The number of allowable directory assistance requests before billing applies, or if Prime Saver Prior Month's usage, then Minimum Hour Requirement.

LDMISC.DET cont.

#	C	FORMAT	CONTENTS
11	(K)	N 7/1	The number of minutes for charges.
12	(L)	SN 7/2	The calling card surcharge.
13	(M)	SN 9/2	The full rate.
14	(N)	SN 9/2	The amount saved.
15	(O)	SN 9/2	The percent of savings over full rate.
16	(P)	SN 10/3	The message billed amount. This element is not applicable for bulk billed messages (WATS Saver).

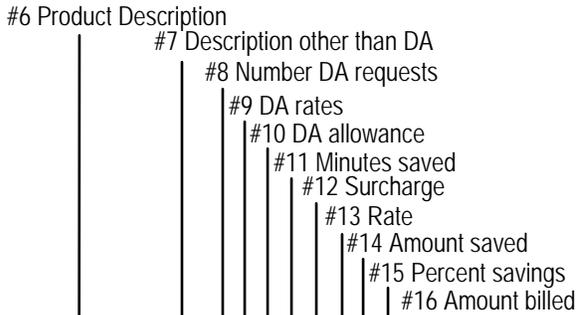
Example

FILE: LDMISC.DET
 DESC: Long-Distance Miscellaneous Detail
 DATE: 03-07-98



"2065551212","03251998","1000","000001","2065551122",

(record continued below)



"National DA", " ", "0,0,0,0,0,0,0,0,+22.70

LOCUSAGE.DET

FILE: LOCUSAGE.DET
DESC: Local Usage Package Detail
DATE: 03-07-98

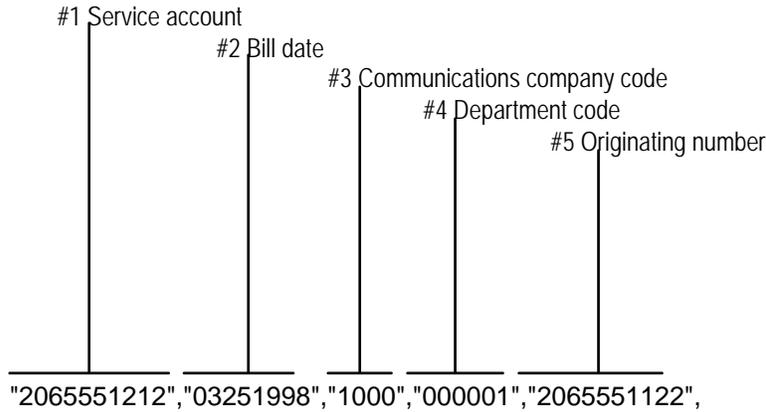
GENERAL NOTES:

This record contains summary information for local usage package billing, billing associated with optional EAS plans, measured ISDN charges, interconnection usage, and others.

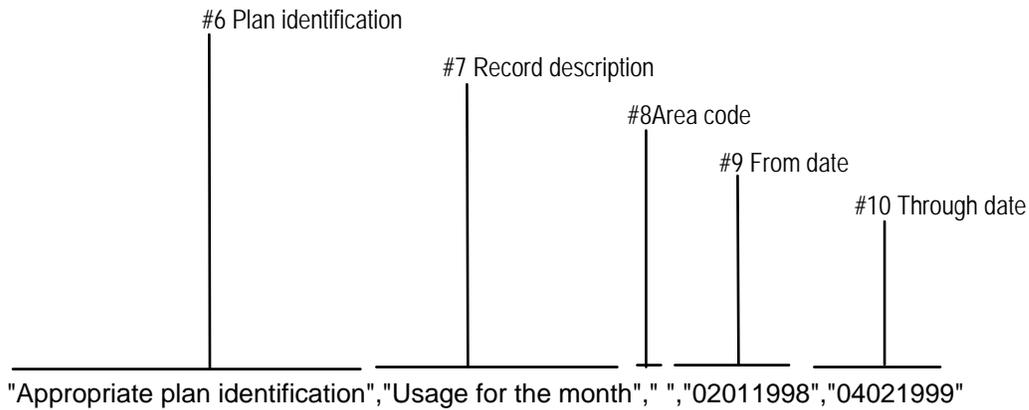
#	C	FORMAT	CONTENTS
1	(A)	A 17	The billing or WATS service account number.
2	(B)	A 8	The current billing date (MMDDYYYY).
3	(C)	A 4	The code that identifies the applicable service provider for the information within this record. Refer to the service provider reference list for code translations.
4	(D)	A 6	The designated department code for this record.
5	(E)	A 10	The working telephone number for this record.
6	(F)	A 20	The local usage package description.
7	(G)	A 60	The record description.
8	(H)	A 1	The code that identifies either the particular area applicable to the local usage package or the Discount Level associated with a package.
9	(I)	A 8	The From (originating) date (MMDDYYYY).
10	(J)	A 8	The To (terminating) date (MMDDYYYY).
11	(K)	N 9	The total usage hours.
12	(L)	N 9	The total usage minutes (beyond hours) or total interconnection usage minutes.
13	(M)	SN 4/4	The rate per minute of usage over the allowance
14	(N)	SN 2	The discount associated with the package when applicable.
15	(O)	SN 9/2	The package service charge amount.

Example

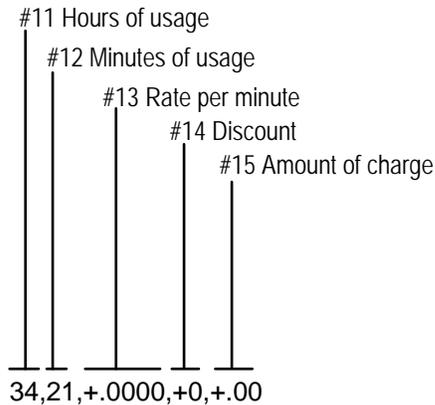
FILE: LOCUSAGE.DET
 DESC: Local Usage Package Detail
 DATE: 03-07-98



(record continued below)



(record continued below)



MEASSVC.DET

FILE: MEASSVC.DET
DESC: Local Measured Service Detail
DATE: 03-07-98

GENERAL NOTES:

This record contains detailed information of charges associated with measured services.

#	C	FORMAT	CONTENTS
1	(A)	A 17	The billing or WATS service account number.
2	(B)	A 8	The current billing date (MMDDYYYY).
3	(C)	A 4	Identifies applicable service provider for the information within record. Refer to the service provider reference list for code translations.
4	(D)	A 6	The designated department code for this record.
5	(E)	A 10	The working telephone number for this record.
6	(F)	A 65	Detail Description.
7	(G)	A 8	The From (originating) date (MMDDYYYY).
8	(H)	A 8	The To (terminating) date (MMDDYYYY).
9	(I)	A 16	The calling area description.
10	(J)	A 14	The usage discount description.
11	(K)	N 9	The number of local calls.
12	(L)	N 5/4	The initial rate applied.
13	(M)	N 9	The additional minutes beyond the allowance.

MEASSVC.DET (cont.)

#	C	FORMAT	CONTENTS
14	(N)	N 6/1	The number of equivalent lines for the month.
15	(O)	N 5/4	The cost applied per each additional minute beyond the allowance.
16	(P)	SN 9/2	The full rate without any applied discount.
17	(Q)	SN 3	The percentage of discount applied when applicable.
18	(R)	SN 9/2	The charge amount.

Example

FILE: MEASSVC.DET
 DESC: Local Measured Service Detail
 DATE: 03-07-98

#1 Service account
 #2 Bill date
 #3 Communications company code
 #4 Department code
 #5 Originating number

"2065551212", "03251998", "1000", "000001", "2065551122",

(record continued below)

#6 Record description
 #7 From date
 #8 Through date
 #9 Cailling area (rate band)
 #10 Discount indicator

"Current local usage", "02011998", "04021999", "Call Area C", "Not discounted",

(record continued below)

#11 Number of local calls
 #12 Initial rate
 #13 Additional minutes
 #14 Number of equivalent lines
 #15 Cost per additional minute
 #16 Full rate
 #17 Percent discount
 #18 Amount of charge

42, .0450, 0, 2.0, .0000, +18.90, 0, +18.90

MISCCHRG.DET

FILE: MISCCHRG.DET
DESC: Miscellaneous Charges Detail
DATE: 08-02-01

GENERAL NOTES:

This record contains detail information of miscellaneous charges including directory assistance request, SWITCHNET, and others.

#	C	FORMAT	CONTENTS
1	(A)	A 17	The billing or WATS service account number.
2	(B)	A 8	The current billing date (MMDDYYYY).
3	(C)	A 4	The code that identifies the applicable service provider for the information within this record. Refer to the service provider reference list for code translations.
4	(D)	A 6	The designated department code for this record.
5	(E)	A 10	The working telephone number for this record.
6	(F)	A 30	The type of charges description or the originating city and state for special collect messages.
7	(G)	A 30	The requisition or purchase order number.
8	(H)	A 92	The text phrase as it appears on the paper bill.
9	(I)	A 7	The From (originating) telephone number from which charges have been transferred for installment billing.
10	(J)	N 7	The number of requests or the number of special collect messages.
11	(K)	SN 3/2	The rate for directory assistance requests beyond the allowance.
12	(L)	N 5	The number of directory assistance requests allowed without charge.

MISCCHRG.DET (cont.)

#	C	FORMAT	CONTENTS
13	(M)	A 8	The From (originating) date (MMDDYYYY).
14	(N)	A 8	The To (terminating) date (MMDDYYYY).
15	(O)	N 2	The number of days for the street telephone directory charge.
16	(P)	SN 9/2	The rate applied.
17	(Q)	SN 7	The minutes of SWITCHNET usage beyond the allowance.
18	(R)	SN 7/1	The minutes of SWITCHNET usage allowed without charge (minutes and tenths).
19	(S)	SN 9/2	The charge amount.

Example

FILE: MISCCHRG.DET
 DESC: Miscellaneous Charges Detail
 DATE: 03-07-98

#1 Service account	#2 Bill date	#3 Communications company code	#4 Department code	#5 Originating number	#6 Type of charges
"2065551212"	"03251998"	"1000"	"000001"	"2065551122"	"Directory Assistance Requests"

(record continued below)

#7 Req or PON	#8 Phrase on the bill	#9 From telephone number	#10 Number of DA requests	#11 DA rate	#12 DA allowance	#13 Installment balance	#14 Total contract installments	#15 Next installment number
" "	"Bill Phrase"	"2065551222 "	21	+.60	5	+.00	0	0

(record continued below)

#16 Total installment amount	#17 From date	#18 Through date	#19 Number of days	#20 Rate applied	#21 SWITCHNET minutes	#22 SWITCHNET allowance	#23 Charge amount
+.00	"02011998"	"04021998"	0	+.00	+0	+0	+.9.60

MISCCP.DET

FILE: MISCCP.DET
DESC: Miscellaneous Call Plan Detail
DATE: 03-07-98

GENERAL NOTES:

This record contains detail information concerning charges associated with US WEST miscellaneous call plans including TOLL PAC and others.

#	C	FORMAT	CONTENTS
1	(A)	A 17	The billing or WATS service account number.
2	(B)	A 8	The current billing date (MMDDYYYY).
3	(C)	A 4	The code that identifies the applicable service provider for the information within this record. Refer to the service provider reference list for code translations.
4	(D)	A 6	The designated department code for this record.
5	(E)	A 10	The working telephone number for this record.
6	(F)	A 12	The call plan description or charge type text.
7	(G)	A 8	The date of the recorded message (MMDDYYYY).
8	(H)	N 6/2	The beginning connect time of the message.
9	(I)	A 2	Contains the value "AM" or "PM" for the beginning connect time.
10	(J)	A 14	The telephone number where the message is to be billed.
11	(K)	A 16	The From (originating) city and state.
12	(L)	A 14	The To (terminating) telephone number.
13	(M)	A 16	The To (terminating) city and state.
14	(N)	N 6/1	The elapsed time of the message (minutes and tenths).

MISCCP.DET (cont.)

#	C	FORMAT	CONTENTS
15	(O)	A 3	The type of call. For all Washington, Oregon, and Northern Idaho, refer to Field #20. For all other states, refer to Appendix C.
16	(P)	N 5	The number of days prorated.
17	(Q)	N 3/3	The message rate per minute.
18	(R)	SN 9/2	The full rate of the message without discounts applied.
19	(S)	N 3/2	The percentage of discount or savings.
20	(T)	SN 9/2	The charge amount.

MONSERV.DET

FILE: MONSERV.DET
DESC: Monthly Service (USOC) Detail
DATE: 03-07-98

GENERAL NOTES:

This record contains the detail of monthly rated telephone services billed to the account. Each record contains information including USOC, USOC description, quantity, item rate and monthly rate.

#	C	FORMAT	CONTENTS
1	(A)	A 17	The billing or WATS service account number.
2	(B)	A 8	The current billing date (MMDDYYYY).
3	(C)	A 4	The code that identifies the applicable service provider for the information within this record. Refer to the service provider reference list for code translations.
4	(D)	A 6	The designated department code for this record.
5	(E)	A 10	The working telephone number for this record.
6	(F)	A 36	The summary billing circuit identification.
7	(G)	N 8	The From (originating) date (MMDDYYYY).
8	(H)	N 8	The To (terminating) date (MMDDYYYY).
9	(I)	N 7	The monthly service USOC quantity.
10	(J)	A 5	The monthly service USOC.
11	(K)	A 27	The text description of the item of service - Part 1.
12	(L)	A 27	The text description of the item of service - Part 2.
13	(M)	A 13	The rating type description.
14	(N)	SN 9/2	The monthly rate of the item of service that has been used in the calculation.

MONSERV.DET (cont.)

#	C	FORMAT	CONTENTS
15	(O)	A 14	Discount description.
16	(P)	SN 9/2	The calculated total monthly rate for the item of service.
17	(Q)	SN 9/2	The discounted rate that is applied to the customer.
18	(R)	SN 9/2	The discounted amount.

PAYMENT.DET

FILE: PAYMENT.DET
DESC: Payment Detail
DATE: 03-07-98

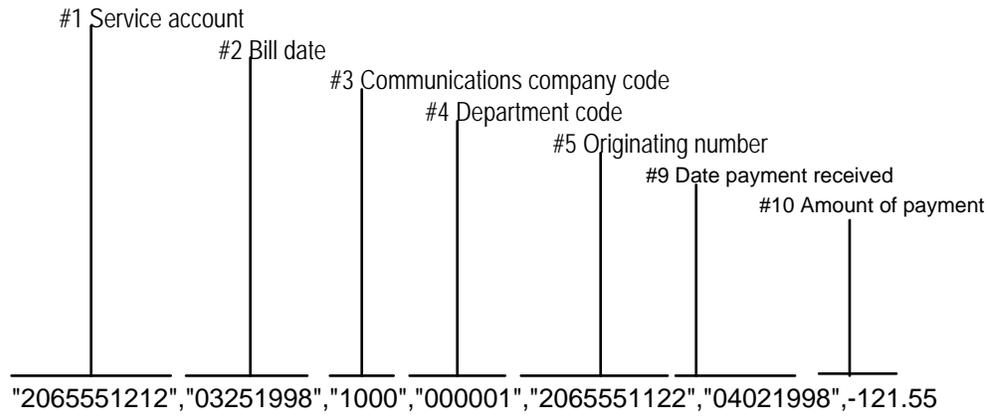
GENERAL NOTES:

This file contains detail information of payments made and recorded to the account. Each record represents a single payment transaction.

#	C	FORMAT	CONTENTS
1	(A)	A 17	The billing or WATS service account number.
2	(B)	A 8	The current billing date (MMDDYYYY).
3	(C)	A 4	The code that identifies the applicable service provider for the information within this record. Refer to the service provider reference list for code translations.
4	(D)	A 6	The designated department code for this record.
5	(E)	A 10	The working telephone number for this record.
6	(F)	N 8	The received payment date (MMDDYYYY).
7	(G)	SN 11/2	The payment amount.

Example

FILE: PAYMENT.DET
DESC: Payment Detail
DATE: 03-07-98



PRODUSG.DET

FILE: PRODUSG.DET
DESC: Product Usage Detail
DATE: 10-18-99

GENERAL NOTES:

This record contains information concerning charges associated with usage products such as Three-Way Calling, Last-Call Return, and others. Each record contains a single message or a summary of messages.

#	C	FORMAT	CONTENTS
1	(A)	A 17	The billing or WATS service account number.
2	(B)	A 8	The current billing date (MMDDYYYY).
3	(C)	A 4	The code that identifies the applicable service provider for the information within this record. Refer to the service provider reference list for code translations.
4	(D)	A 6	The designated department code for this record.
5	(E)	A 10	The working telephone number for this record.
6	(F)	A 12	The feature description or transaction identifier.
7	(G)	A 8	The date of the recorded message (MMDDYYYY).
8	(H)	N 6/2	The beginning connect time of the message.
9	(I)	A 2	Contains the value "AM" or "PM" for the beginning connect time.
10	(J)	A 14	The From (originating) telephone number.
11	(K)	A 16	The From (originating) city, state, name or description.
12	(L)	A 14	The To (terminating) telephone number.
13	(M)	A 16	The To (terminating) city, state, name or description.
14	(N)	N 7/1	The elapsed time of the message (minutes and tenths).

PRODUSG.DET (cont.)

#	C	FORMAT	CONTENTS
15	(O)	A 3	The call type code. The code translations are as follows: AU = Automated CH=Chairperson OP = Operator PR = Premium SV = Miscellaneous Service 00 = None
16	(P)	A 50	The product information.
17	(Q)	N 3/3	The rate per minute.
18	(R)	SN 9/2	The full rate of the message without discounts applied.
19	(S)	N 3/2	The percentage of discount when applicable.
20	(T)	N 11/2	Future Expansion.
21	(U)	A 20	Future Expansion.
22	(V)	N 6/2	The quantity.
23	(W)	N 11/2	Future Expansion.
24	(X)	A 20	Future Expansion.
25	(Y)	N 9/2	The discount amount.
26	(Z)	SN 9/2	The charge amount.

PRODUSG.DET - Example (continued)

FILE: PRODUSG.DET
 DESC: Product Usage Charges
 DATE: 03-07-98

#13 To City/St	#14 Call duration	#15 Call type code	#16 Information about product	#17 Rate per minute	#18 Full rate of message	#19 Percent of discount	#20 Not used	#21 Not used	#22 Quantity	#23 Not used	#24 Not used	#25 Discount amount	#26 Charge amount
"BELLEVUE WA"	3.0	" "	" "	0	+ .75	0	0	" "	1	0	" "	+ .75	+ .75

ROAMING.DET

FILE: ROAMING.DET
 DESC: Roaming Charges Detail
 DATE: 03-07-98

GENERAL NOTES:

This record contains detailed information for roaming charges used with wireless phone calls. Roaming is described as 'the use of a wireless phone outside of the "home" system to which a customer belongs'. Charges that can apply when a customer "roams" are: airtime charges, roaming charges, and if applicable, long-distance charges. This record only reflects roaming charges.

#	C	FORMAT	CONTENTS
1	(A)	A 17	The billing or WATS service account number.
2	(B)	A 8	The current billing date (MMDDYYYY).
3	(C)	A 4	The code that identifies the applicable service provider for the information within this record. Refer to the service provider reference list for code translations.
4	(D)	A 6	The designated department code for this record.
5	(E)	A 10	The working telephone number for this record.
6	(F)	A 8	The date the call was placed (MMDDYYYY).
7	(G)	N 6/2	The beginning connect time of the message.
8	(H)	A 2	Contains the value "AM" or "PM" for the beginning connect time.
9	(I)	A 14	The From (originating) telephone number.
10	(J)	A 16	The To/From city and state for roaming or the From (originating) city and state for mobile.
11	(K)	A 14	The To (terminating) telephone number.
12	(L)	A 16	The To (terminating) city and state for mobile.
13	(M)	N 5/1	The elapsed time of the message (minutes and tenths).
14	(N)	N 5/2	The elapsed time of the message (minutes and seconds).

ROAMING.DET (cont.)

#	C	FORMAT	CONTENTS
15	(O)	A 5	The long-distance carrier code.
16	(P)	A 16	The call period indicator for roaming or the type of charge description for mobile.
17	(Q)	SN 9/2	The charge amount.

Example

FILE: ROAMING.DET
 DESC: Roaming Charges Detail
 DATE: 03-07-98

#1 Service account
 #2 Bill date
 #3 Communications company code
 #4 Department code
 #5 Originating number

"2065551212","03251998","1000","000001","2065551122",

(record continued below)

#6 Date of call
 #7 Connect time
 #8 AM/PM of connect time
 #9 From number
 #10 From city & state
 #11 To number

"03251998",12.5,"PM","4255551112","Bellevue WA","3035555667",

(record continued below)

#12 To city & state
 #13 Duration minutes and tenths
 #14 Duration minutes and seconds
 #15 Carrier code
 #16 Call Period indicator
 #17 Charge amount

"Denver CO",9.0,8.71,"ATC or MCI","Metered Minutes",+11.35

SOACTVTY.DET

FILE: SOACTVTY.DET

DESC: Service Order Changes and Activity

DATE: 05-11-2005

GENERAL NOTES:

This record contains detail information pertaining to charges found on your bill in the SERVICE ADDITIONS AND CHANGES section, including rate changes, fractionals, installment billing, and any other charge found under this heading.

Not all fields will be populated on every record.

#	C	FORMAT	CONTENTS
1	(A)	A 17	The billing or WATS service account number.
2	(B)	A 8	The current billing date (MMDDYYYY).
3	(C)	A 4	The code that identifies the applicable service provider for the information within this record. Refer to the service provider reference list for code translations.
4	(D)	A 6	The designated department code for this record.
5	(E)	A 10	The working telephone number for this record.
6	(F)	A 30	The circuit.
7	(G)	A 8	The date of the service order or rate change effective date (MMDDYYYY).
8	(H)	A 1	The type of change code for this record. The code translations are as follows: space = Rate change order (changes in monthly rates) C = Change order (service changes) D = Disconnect order (account service disconnect) R = Record order (changes normally not effecting billing) N = New connect (establish service for a new account) T = To order (transfer of service at the new location) F = From order (transfer of service at the old location) S = Supplemental order (miscellaneous changes) I = Installment Billing
9	(I)	A 9	The service order number (rate changes are not applicable).
10	(J)	A 30	The requisition or purchase order number.

SOACTVTY.DET continued

#	C	FORMAT	CONTENTS
11	(K)	N 5	USOC quantity.
12	(L)	A 5	The service USOC, if any.
13	(M)	A 50	The description of the activity causing the change - Part 1.
14	(N)	A 50	The description of the activity causing the change - Part 2.
15	(O)	A 50	The description of the activity causing the change - Part 3.
16	(P)	A 50	The description of the activity causing the change - Part 4.
17	(Q)	A 30	USOC description - Part 1.
18	(R)	A 30	USOC description - Part 2.
19	(S)	A 8	The from date of the change, if any.
20	(T)	A 8	The to date of the change, if any.
21	(U)	SN 9/2	The full old rate.
22	(V)	SN 9/2	The full new rate.
23	(W)	SN 9/2	The item rate amount.
24	(X)	SN 9/2	The charge/credit amount.
25	(Y)	A 3	The private line circuit location termination.
26	(Z)	A 30	The private line circuit location customer name.
27	(AA)	A 30	The private line circuit location address line 1.
28	(AB)	A 30	The private line circuit location address line 2.
29	(AC)	A 5	The key system number.
30	(AD)	N 2	The total number of installments
31	(AE)	SN 9/2	The total installment amount.
32	(AF)	N 2	Installment payment number.
33	(AG)	A 1	Continuation indicator. If populated with a '1' then the following record is a continuation of the current record.

SOACTVTY.DET continued

#	C	FORMAT	CONTENTS
34	(AH)	A 1	Indicator to show whether the charge is a Fractional (part of a month's charge), or a Nonrecurring charge (One-Time charge) N = One-Time charge F = Fractional Charge
35	(AI)	A 4	Private Line Circuit Location Number
36	(AJ)	SN 9/2	The fractional amount calculated at a USOC level for Service Order related Charges

TOLL.DET

FILE: TOLL.DET
 DESC: Long-Distance (TOLL) Detail
 DATE: 10-18-99

GENERAL NOTES:

This file contains detail information of long-distance messages (TOLL) billed to the account.

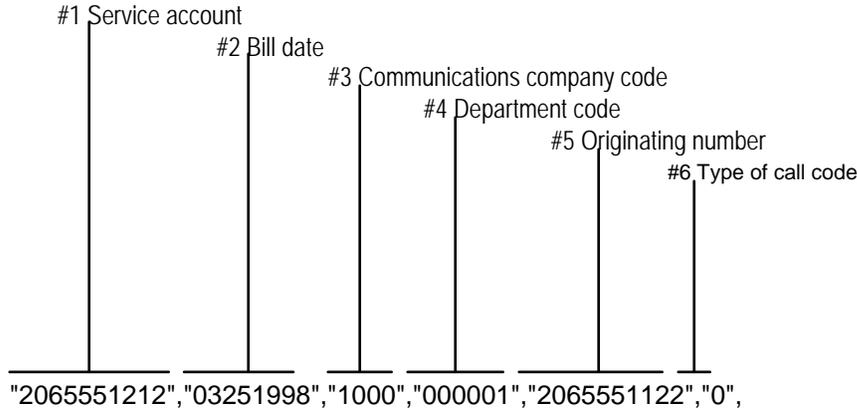
#	C	FORMAT	CONTENTS
1	(A)	A 17	The billing or WATS service account number.
2	(B)	A 8	The current billing date (MMDDYYYY).
3	(C)	A 4	The code that identifies the applicable service provider for the information within this record. Refer to the service provider reference list for code translations.
4	(D)	A 6	The designated department code for this record.
5	(E)	A 10	The working telephone number for this record.
6	(F)	A 3	The code that identifies the type of call. ** 0 = Regular trunk billed 1 = Calling card 2 = Conference call 3 = Conference call points 4 = IRS MSG (Zenith) 5 = Telegram 6 = Mobile 7 = Collect 8 = Third Party 9 = Coin Paid 10 = Miscellaneous
7	(G)	A 8	The message date for this record (MMDDYYYY).
8	(H)	N 6/2	The beginning connect time of the message.
9	(I)	A 2	Contains the value "AM" or "PM" for the beginning connect time.
10	(J)	A 16	The From (originating) telephone number.
11	(K)	A 16	The From (originating) city and state.

TOLL.DET (cont.)

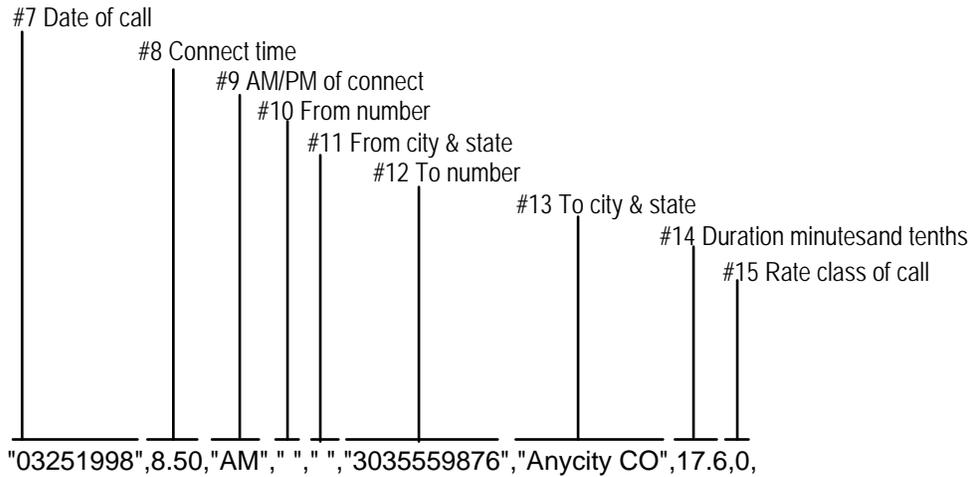
#	C	FORMAT	CONTENTS
12	(L)	A 16	The To (terminating) telephone number.
13	(M)	A 16	The To (terminating) city and state.
14	(N)	N 7/1	The elapsed time of the message (minutes and tenths).
15	(O)	A 3	The code identifying how the call is rated. See Appendix C.
16	(P)	N 5	The number of call points when the message is a conference call.
17	(Q)	A 6	Contains the Invoice number when the message is billed via Invoice and the Invoice number exists. (Some carriers may not use Invoice number.) Contains the AOS information that identifies the clearing agent that managed the traffic and CIC code involved for AOS messages. Contains the account code.
18	(R)	A 1	The code that identified the Optional Calling Plan.
19	(S)	A 3	Contains "800" or "950" when the message is applicable to MCI Access.
20	(T)	SN 9/2	The full rate of the message prior to the application of discounts.
21	(U)	SN 10/3	The message charge amount.
22	(V)	SN 9/2	The Foreign State Tax amount when applicable.
23	(W)	SN 10/3	The charge amount.

Example

FILE: TOLL.DET
 DESC: Long-Distance (TOLL) Detail
 DATE: 03-07-98



(record continued below)



(record continued next page)

WATS.DET

FILE: WATS.DET
DESC: WATS Service Detail
DATE: 03-07-98

GENERAL NOTES:

This record contains detail information for WATS. There are multiple records to convey the complete image of the billing of WATS services.

#	C	FORMAT	CONTENTS
1	(A)	A 17	The billing or WATS service account number.
2	(B)	A 8	The current billing date (MMDDYYYY).
3	(C)	A 4	The code that identifies the applicable service provider for the information within this record. Refer to the service provider reference list for code translations.
4	(D)	A 6	The designated department code for this record.
5	(E)	A 10	The working telephone number for this record.
6	(F)	A 40	The record description.
7	(G)	A 4	WATS rate change effective date (MMDD).
8	(H)	A 8	The From (originating) date (MMDDYYYY).
9	(I)	A 8	The To (terminating) date (MMDDYYYY).
10	(J)	A 4	The WATS SIS number.
11	(K)	A 3	The WATS service group.
12	(L)	A 1	The band code for the associated WATS services.
13	(M)	A 10	Contains the value "INTRASTATE", "CANADIAN", or "INTERSTATE" depending on the WATS category.
14	(N)	A 7	Contains "INWARD" or "OUTWARD" depending on the type of WATS services being addressed.

WATS.DET (cont.)

#	C	FORMAT	CONTENTS
15	(O)	A 10	The WATS line number.
16	(P)	N 9/2	The hours used - DAY.
17	(Q)	N 9/2	The hours used - EVENING.
18	(R)	N 9/2	The hours used - NIGHT/WEEKEND
19	(S)	N 7	The number of messages - DAY
20	(T)	N 7	The number of messages - EVENING
21	(U)	N 7	The number of messages - NIGHT/WEEKEND
22	(V)	N 5/2	The average number of lines in service.
23	(W)	N 3	The hourly rate that applies after the first set of rate periods (taper point).
24	(X)	SN 9/2	The hourly rate for the first period.
25	(Y)	SN 9/2	The hourly rate for the second period.
26	(Z)	SN 9/2	The hourly rate for the third period.
27	(AA)	N 7	The overflow count for WATS messages.
28	(AB)	N 5/2	The number of lines in the current service group.
29	(AC)	N 7	The number of messages.
30	(AD)	SN 9/2	The charge for the messages computed at the rate - DAY.
31	(AE)	SN 9/2	The charge for messages computed at the rate - EVENING.
32	(AF)	SN 9/2	The charge for messages computed at the rate - NIGHT/WEEKEND.
33	(AG)	SN 9/2	The WATS charge amount.

Example

FILE: WATS.DET
 DESC: WATS Service Detail
 DATE: 03-07-98

#1 Service account	#2 Bill date	#3 Communications company code	#4 Department code	#5 Originating number	#6 Type of charges	#7 Rate Change Date
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"2065551212","03251998","1000","000001","2065551122","Bill Phrase","",

(record continued below)

#8 From date	#9 Through date	#10 SIS number	#11 WATS service group	#12 Band code	#13 WATS category	#14 Type of WATS	#15 WATS line number	#16 Hours used -day	#17 Hours used -evening
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"03251998","05011998","S123","033","1","Intrastate","Inward","2065551111",26.25,12.50

(record continued on next page)

Example (continued)

FILE: WATS.DET
DESC: WATS Service Detail
DATE: 03-07-98

#18 Hours used -night/weekend	#19 Number of messages -day	#20 Number of messages -evening	#21 Number of messages night/weekend	#22 Average lines in service	#23 Taper point	#24 Hourly rate - 1st period	#25 Hourly rate - 2nd period
2.00	3941	1438	436	8.33	10	+320.00	+285.00

(record continued below)

#26 Hourly rate - 3rd period	#27 Overflow account	#28 Lines in service group	#29 Number of messages	#30 Charge for messages - day rate	#31 Charge for messages - evening	#32 Charge for messages - night/weekend	#33 Total WATS charge
+145.00	0	15	5815	+8396.00	+3310.50	+390.00	+12096.50

ACCOUNT.SUM

FILE: ACCOUNT.SUM
DESC: Summary of Account Charges
DATE: 03-07-98

GENERAL NOTES:

This record contains summary information of the various categories of billing charges. There is one record for each applicable billing category.

#	C	FORMAT	CONTENTS
1	(A)	A 17	The billing or WATS service account number.
2	(B)	A 8	The current billing date (MMDDYYYY).
3	(C)	A 4	The code that identifies the applicable service provider for the information within this record. Refer to the service provider reference list for code translations.
4	(D)	A 6	The designated department code for this record.
5	(E)	A 10	The working telephone number for this record.
6	(F)	A 45	The category of billing charge description.
7	(G)	SN 9/2	The charge amount.

Example

FILE: ACCOUNT.SUM
DESC: Summary of Account Charges
DATE: 03-07-98

#1 Service account	#2 Bill date	#3 Communications company code	#4 Department code	#5 Originating number	#6 Category of billibg	#7 Charge or credit
"2065551212"	"03251998"	"1000"	"000001"	"2065551122"	"Long Distance"	+321.56

ACTIVITY.SUM

FILE: ACTIVITY.SUM
 DESC: Summary of Account Activity
 DATE: 05-19-98

GENERAL NOTES:

This record contains information regarding previous month's balance, posted adjustments, total payment amounts as well as current charges for the current month, payments, and total-amount due for the current month.

#	C	FORMAT	CONTENTS
1	(A)	A 17	The billing or WATS service account number.
2	(B)	A 8	The current billing date (MMDDYYYY).
3	(C)	A 4	The code that identifies the applicable service provider for the information within this record. Refer to the service provider reference list for code translations.
4	(D)	A 6	The designated department code for this record.
5	(E)	A 10	The working telephone number for this record.
6	(F)	SN 9/2	The previous amount billed.
7	(G)	SN 11/2	The total payment amount applied since last months bill.
8	(H)	SN 9/2	The total adjustment amount applied since last months bill.
9	(I)	SN 9/2	The total of transfer adjustments applied since last month's bill. This field populated only for Summary or Reseller accounts.
10	(J)	SN 9/2	The balance forward from previous month.

Example

FILE: ACTIVITY.SUM
DESC: Summary of Account Activity
DATE: 05-19-98

#1 Service account	#2 Bill date	#3 Communications company code	#4 Department code	#5 Originating number
"2065551212"	"03251998"	"1000"	"000001"	"2065551122"

(record continued below)

#6 Amount billed previous month	#7 Total payments	#8 Total adjustments	#9 Total Transfers	#10 Amount Due
+39.45	-10.00	+0.00	+29.45	+38.25

SUBACCT.SUM

FILE: SUBACCT.SUM
DESC: Sub-account Billing Summary for Summary Billed Accounts
DATE: 09-19-2004

GENERAL NOTES:

This record contains summary information of the billing charges associated with each individual Sub-Account within a summary (group) billed Billing Account.

September 2004. [Field 8 changed to a maximum of 30 bytes.](#)

#	C	FORMAT	CONTENTS
1	(A)	A 17	The billing or WATS service account number.
2	(B)	A 8	The current billing date (MMDDYYYY).
3	(C)	A 4	The code that identifies the applicable service provider for the information within this record. Refer to the service provider reference list for code translations.
4	(D)	A 6	The designated department code for this record.
5	(E)	A 10	The working telephone number for this record.
6	(F)	A 10	The Sub-account number that is a portion of the summary bill.
7	(G)	A 27	The circuit identification code when applicable to private line accounts.
8	(H)	A 30	The customer supplied account code associated with the sub-account.
9	(I)	A 14	The narrative to indicate that Service Order changes effected the sub-account during the current billing period.
10	(J)	A 16	The narrative to identify that a "dispute" was recorded during the billing of the sub-account.
11	(K)	SN 9/2	The amount billed associated with the identified sub-account. The figure includes all charges.

TAX.SUM

FILE: TAX.SUM
DESC: Summary of Taxes and Surcharges
DATE: 08-19-99

GENERAL NOTES:

This record contains information of the various taxes computed and billed for each category of billing. There will be a record for each tax, or surcharge, which has been computed and billed. Refer to Appendix D for a list of tax and surcharge types, jurisdictions and ID's.

#	C	FORMAT	CONTENTS
1	(A)	A 17	The billing or WATS service account number.
2	(B)	A 8	The current billing date (MMDDYYYY).
3	(C)	A 4	The code that identifies the applicable service provider for the information within this record. Refer to the service provider reference list for code translations.
4	(D)	A 6	The designated department code for this record.
5	(E)	A 10	The working telephone number for this record.
6	(F)	A 100	The category of billing description.
7	(G)	SN 9/2	The amount of TAX or SURCHARGE applied.
8	(H)	A 2	The state code.
9	(I)	A 20	The type of tax applied.

TOLLINE.SUM

FILE: TOLLINE.SUM
DESC: Long-Distance (TOLL) Summary Detail by Prefix-Line
DATE: 03-07-98

GENERAL NOTES:

This file contains summary information of long-distance messages (TOLL) billed to the account. Each record represents the sum of the long-distance charges billed to the identified Prefix-Line.

#	C	FORMAT	CONTENTS
1	(A)	A 17	The billing or WATS service account number.
2	(B)	A 8	The current billing date (MMDDYYYY).
3	(C)	A 4	The code that identifies the applicable service provider for the information within this record. Refer to the service provider reference list for code translations.
4	(D)	A 6	The designated department code for this record.
5	(E)	A 10	The working telephone number for this record.
6	(F)	SN 10/3	The accumulated sum of the charges billed for long-distance to the associated Prefix and Line Number (originating telephone number).

*** Accumulated charges may not reflect applied discounts resulting from bulk billing or other optional calling plans.*

Example

FILE: TOLLINE.SUM
DESC: Long-Distance (TOLL) Summary Detail by Prefix-Line
DATE: 03-07-98

#1 Service account
#2 Bill date
#3 Communications company code
#4 Department code
#5 Originating number
#6 Charges for Prefix-line

"2065551212","03251998","1000","000001","2065551122",+295.20

USOCSUB.SUM

FILE: USOCSUB.SUM
 DESC: Summary of Services
 DATE: 08-02-2001

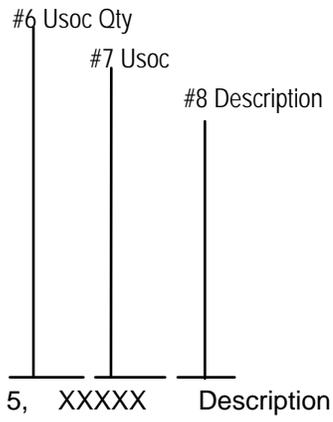
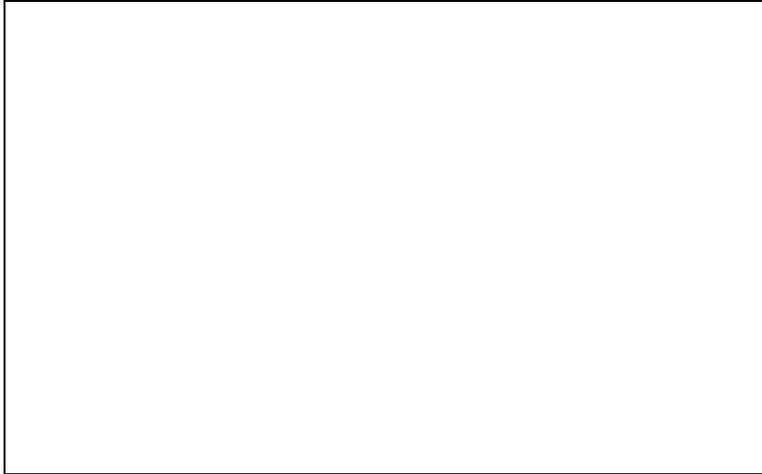
GENERAL NOTES:

This record contains information that shows the Summary of Services for Summary billed and Resold accounts. For all other accounts, this file will be empty.

#	C	FORMAT	CONTENTS
1	(A)	A 17	The billing or WATS service account number.
2	(B)	A 8	The current billing date (MMDDYYYY).
3	(C)	A 4	The code that identifies the applicable service provider for the information within this record. Refer to the service provider reference list for code translations.
4	(D)	A 6	The designated department code for this record.
5	(E)	A 10	The working telephone number for this record.
6	(F)	N 7	The quantity for each USOC.
7	(G)	A 5	The service USOC.
8	(H)	A 60	The USOC description.

Example

FILE: USOCSUB.SUM
 DESC: Summary of Services
 DATE: 08-02-2001



Section 5: Glossary of Terms

Glossary

GLOSSARY OF TERMS

The glossary lists words and terminology used throughout the Customer Guide followed by a definition for each.

800 SERVICELINE

A special plan for the billing of certain WATS services that is available to telephone customers on a subscription basis.

976 CALLS

Telephone calls placed to a number prefixed by the digits 976. The numbers are usually assigned for the conveyance of information via Delivery Services. The information is provided by whoever (a provider other than Qwest) has been assigned the number for their vehicle to convey the information (see DELIVERY SERVICE).

ACCOUNT BALANCE

The amount owed from the last billing after any payments or adjustments had been applied. The beginning balance for the current bill.

ACCOUNT CODE

Customer supplied values used for hierarchy grouping/separation of telephone charges (usually long-distance). The term is also used to apply to customer supplied text values that are associated with each sub-account shown on the account summary page of summary billed account billing statements.

ADJUSTMENTS

Transactions made internally within Qwest that alter the billing amounts as a result of extraneous circumstances beyond the normal billing/collecting procedure. Payments made by customers to apply to their account or changes made to telephone services are NOT adjustments nor are charges associated with alterations to telephone services (Service Orders).

AIR TIME

A term applied to the radio signal portion of a mobile message that transpires between the mobile set and the land based interface with the telephone switching network.

ALLOWANCE

An amount expressed in units (normally hours, minutes, or messages) that identifies the number allowed before billing rates change. The services applicable to allowances are billed based on usage of the services during a given billing period. Depending on the services billed (or plan), the usage up to and including the allowance figure is billed at a different rate (including no charge) than usage in excess of the allowance figure.

AOS

An acronym for Alternate Operator Services. A business that provides long-distance services usually for telephone calls made from pay phones or those that originate from hotel/motel establishments.

GLOSSARY OF TERMS (continued)**ASCII**

An acronym for American Standard Code II (The II is the Roman numeral two). The ASCII code set is a list of standard computer character codes (bit strings) that are identically interpreted regardless of computer type, name, vendor, or manufacture. The code set was invented to provide for universal conveyance of 128 different characters (letters, numerals, etc.). Most of the standard keyboard characters on computer terminals and microcomputers are included in the 128.

BAND

A range of values (time, distance, usage) whereupon rates for telephone services are computed (i.e. day, evening, night/weekend; first 100, second 200, over 300).

BAND CODE

A code, whose values are used to identify which rate band to apply for an associated telephone service.

BILLING ACCOUNT

A unique identifier associated with a telephone customer used to group the various accrued telephone service charges, carry balances, apply payments, and provide all necessary accounting work concerning the billing and collecting. The bill (invoice) rendered monthly to convey charges for telephone services are organized by the unique identifiers. The Billing Account is shown at the top of the bill following the label ACCOUNT NUMBER.

BILLING DATE

The date ending a billing period at which time accrued services are accumulated for purposes of rendering a billing statement or invoice. The date is assigned to each billing account using an algorithm to divide all billing activities into multiple billing periods for purposes of separating the billing activities into manageable partitions.

BILLING PERIOD

The period of time designated for the amounts of accrued billing to be accumulated and a billing statement or invoice rendered. The day of the month assigned to each Billing Account to specify the cut-off of charge accrual and subsequent bill rendering; i.e. an account in the 28th Billing Period has a cut-off of charge accrual on the 28th day of each month.

BULK BILLED

Telephone services (usually individual messages) that are accumulated and billed according to quantities, in numbers, minutes, hours, or some other unit of measurement, rather than billed on an individual basis.

CALLING CARD

A document containing numbering schemes designed to allow telephone customers to direct the charges for an individual part of their telephone service (normally a long-distance call) to a Billing Account.

CALLING CARD CALL

A telephone call that has been placed via special procedures to direct the charges for the call to a specific calling card number, and hence to a specific Billing Account.

GLOSSARY OF TERMS (continued)**CELLULAR**

Telephone services associated with CELLULAR TELEPHONE services. A message originated or terminated through a CELLULAR network system. A specific type of communication network involving radio signaling with assigned frequencies for specific areas (cells).

CELLULAR INTERCONNECT

A term used to describe communications interface(s) that transpires between two or more CELLULAR networks or CELLULAR/land based networks.

CELLULAR MOBILE

A term used to apply to communications (or messages) that occur via CELLULAR TELEPHONE services where one or both telephone devices are non-stationary.

CHANGE ORDER

A document or process that conducts the alteration of a telephone account. Change Orders provide the instructions for the modification or movement of telephone services to/from telephone customers. Change Orders result in the changing of services, and hence the billing of services for telephone customers (see SERVICE ORDER).

CIC CODE

CIC is an acronym for Carrier Identification Code. The term applies to a set of national codes to identify businesses that provide long-distance services. The codes were originally published by BELLCORE.

CIRCUIT IDENTIFICATION

Term (or code) applicable to Private Line telephone services that serves to identify the circuitry with a unique value. Other services can be directly associated with a Private Line - all of which are referenced with a given Circuit ID (CIRCUIT IDENTIFICATION NUMBER).

CIRCUIT LOCATION

A term used in the identification of Private Line Service Networks. The circuitry is involved with point-to-point (or multiple termination points). The CIRCUIT LOCATION refers to the associated name and address information for the origin of the circuitry network.

COIN TELEPHONE

A term used collectively to describe any and all telephone circuits (or instruments) where coins are deposited or billing arrangements are made (i.e. Calling Card, Third Party, Collect, etc.) to serve as the billing/collecting apparatus. A term synonymous with "Phone Booth", "Paystation", "Public Phone", or "Pay Phone". When used in conjunction with messages, "Coin Message" or "Coin Call" refers to messages that have originated from a coin telephone.

COLLECT

A term, when used in conjunction with messages (i.e. COLLECT CALL), refers to messages (normally long-distance) where the billing of the call is at the receiving (terminating) end of the message.

COMMAND-A-LINK

A special billing plan for subscribing customers with Private Line services to bill messages on the basis of accumulated duration time.

COMMUNICATIONS COMPANY

A term used collectively for businesses whose function is to serve as a provider of telephone communications. The term is synonymous with Carrier, Telephone Carrier, Telecommunications Company, or similar titles.

GLOSSARY OF TERMS (continued)

CONFERENCE CALL

A special type of call where conferees arrange a conference via telephone by contacting providers of such services to connect the circuitry that allows multiple site conversations. The initiator of the call normally supplies the provider with information for the billing. The call itself is composed of elements consisting of a "Charge Message" and "Conference Points" (or Legs), one for each site involved in the call.

CONFERENCE CALL POINTS

Sometimes termed "Legs", Conference Call Points are the locations (by city & state) of each telephone termination of a Conference Call (see CONFERENCE CALL).

CONNECT TIME

The CONNECT TIME is the time of the day (usually expressed in AM/PM) when a message initially was connected.

DELIVERY SERVICE

Term applied generically to the billing of messages made to any and all providers of information accessible via the telephone, usually to a number prefixed by the digits 976. The messages themselves may be termed "Delivery Service Messages". The information is provided by businesses that have been assigned the number for their vehicle to convey the information. Since customer calls placed to these special numbers are recorded and billed by Qwest, Qwest acts as a "delivery service" of their information to whomever accesses the 976 number (see 976 CALLS).

DEPARTMENT CODE

Department codes are assigned values within a hierarchy of a customer account designed to separate/group charges on a more finite level than billing account. Departmental Billing is an extra billing feature offered by Qwest to subscribing customers.

DEPOSIT

When telephone customers are initially established, there are certain instances when a deposit amount is required and collected from the new customer. The deposit is held for a specified length of time, whereupon it is refunded in total to the customer (usually as a credit to their bill) plus interest accrued during the holding period (assuming the customer has maintained an equitable payment history for their account).

DIRECTORY

The telephone book.

DIRECTORY ADVERTISING

Yellow Page advertising.

GLOSSARY OF TERMS (continued)**DIRECTORY ASSISTANCE**

Assistance given to telephone users to obtain telephone numbers of other parties they wish to contact via the telephone.

DIRECTORY ASSISTANCE REQUESTS

A request by a telephone user for assistance by a telephone assistance operator in obtaining a telephone number. The request is recorded as a message, subject to billing according to the tariffed conditions and rate.

DIRECTORY BOOK

The telephone book. The name or community area that identifies a given telephone book (i.e. Salem).

DIRECTORY SALES

Term to refer to the sale of additional or foreign directories to a telephone customer.

DISCONNECT ORDER

A document or process that conducts the complete disconnection of a telephone account. Disconnect Orders provide the instructions for the removal of telephone services and the shut-down of telephone switching access (dial tone). The transactions generate the rendering of "final" billing procedures for the disconnected account.

EAS

An acronym for Extended Area Service. A feature which allows telephone users to place calls to destinations outside of the "local" switching networks, but within given geographical boundaries. Customers are billed for calls placed within the EAS area as if they are local calls, rather than long-distance. Other terms used - Local Calling Area, Extended Calling Area, Extended Area.

FOREIGN DIRECTORY

A telephone book that contains the directory information for a geographical area beyond the local switching (or Local Calling Area) of a customer. A telephone book for a different community from that of the telephone customer.

FRACTIONAL

Fractional is a term used for partial charges or credits billed for telephone services that have been established or removed during mid-billing periods. The full rate services (monthly) are prorated (fractionalized) in days to span the partial billing period.

FROM ORDER

Special Service Order category used to complete the moving (transfer) of telephone services "from" an existing account to a new account (see TO ORDER). FROM ORDERS may also be entered ahead of TO ORDERS to establish "delayed move" situations where services (and consequently, billing of the services) are held in abeyance to an anticipated move by the customer. The procedure is used primarily in place of procedures for disconnecting the old account and new-connecting the new account to prevent having to re-establish the customer (as a telephone customer) and the rendering of a Final Bill.

GLOSSARY OF TERMS (continued)**HIGH DENSITY**

A technical term used in conjunction with capacities of storage for data on computer storage media (in this context with microcomputer diskettes). The term "HIGH DENSITY" is dependent on the particular vendor type of the applicable computer system and physical size of the diskette. HIGH DENSITY for Macintosh systems is 1.44 megabytes (1,440,000 characters); 1.44 megabytes for the 3 1/2 inch IBM/MS DOS diskettes; 1.2 megabytes (1,200,000 characters) for the 5 1/4 inch IBM/MS DOS diskettes.

IMPORT

A term used by various computer software packages for supplying data directly into the working format of the application. A command instruction or menu option selected that causes data supplied from an external source to be "loaded" directly into the application program as if it had been entered manually. IMPORT commands often have optional parameters selected by the user that specify characteristics of the data to be "imported".

INFORMATION DELIVERY SERVICE PROVIDER

Businesses or parties that supply information to be conveyed via telephone or telecommunications networks (see DELIVERY SERVICE).

INFORMATION DELIVERY SERVICES

See DELIVERY SERVICE.

INSTALLMENT BILLING

Contractual arrangements made between Qwest and telephone customers to bill and pay for specified telephone services on scheduled basis over a set period of months.

INTERCONNECTION CHARGES

Charges billed for the portion of a telephone message, where two or more communications systems are required to "interconnect" in order that the message can be completed; i.e. the charges for the "connection" between a land based telephone network and a Cellular network (see AIR TIME, CELLULAR INTERCONNECT).

INTEREXCHANGE

A generic term meaning to span between two or more telephone exchanging communications networks.

INTERNATIONAL

A generic term, when used in the context for telephone services, normally applies to calls or circuitry that originate and terminate in different countries.

INTERSTATE

A generic term, when used in the context for telephone services, normally applies to calls or circuitry that originate and terminate in different states

INTRASTATE

A generic term, when used in the context for telephone services, normally applies to calls or circuitry that originate and terminate in the same state.

GLOSSARY OF TERMS (continued)**INWARD WATS**

Wide Area Telephone Service (see WATS) messages that are recorded and billed at the termination point. Inward WATS also refers to WATS services that are inward capable only (the most common being the 800 number services), as opposed to Two-Way WATS (see OUTWARD WATS).

IRS MSG (ZENITH)

Messages recorded that have terminated at a telephone number which is defined as ZENITH or ENTERPRISE. Messages of this sort are billed at the termination side. This is a grand-parented service. The modern 800 number services have replaced this service in most cases.

KEY SYSTEM

A telephone circuitry arrangement that allows local (internal) switching at the location of the telephone customer. When used as a billing term, KEY SYSTEM applies to a code (usually a number) that identifies the portion of circuitry that inter-connects a set of telephone lines.

LAND BASED

A term used to describe telephone equipment, services, or messages that do not require the use of radio signals to accomplish communications circuits. Microwave transmissions used in place of cable connections are an exception and are also considered land based.

LOCAL MEASURED SERVICE

Local telephone services that are billed on the basis of usage, rather than by a flat rate per month.

LOCAL USAGE PACKAGE

A group of Qwest locally switched measured telephone services that have been bundled together into a single service product and (normally) billed at rates different from the sum of each individual service.

LONG-DISTANCE

Telephone calls (messages) that traverse beyond the circuitry of the local switching offices located in a given calling area. Long-distance messages can be accomplished via specific instructions or automatic specifications given by the telephone user that originates the call. The message may utilize Qwest switching networks or those that are provided by other long-distance communication providing companies. The term is also used to apply collectively to all such messages or to the billed charges for all such messages.

MESSAGE

A communication connection between two (or more) points through a network of wires, cables, radio waves, switches, and other electronic devices. A message can be voice, acoustical signals, electronic impulses, or any other form of communication.

MOBILE TELEPHONE MESSAGES

Messages sent or received, where one or both of the communication points is located in a non-stationary place.

MONTHLY SERVICE

The term given to the accumulated billing charges or credits for telephone services that are tariff rated on a monthly basis (usually limited to the services provided by the local switching networks).

GLOSSARY OF TERMS (continued)**NEW CONNECT**

A term used to refer to a customer account that has or is initially establishing a billing account. When used in the context of SERVICE ORDER, a document or process that conducts the instructions for establishing telephone service and/or a telephone account. New Connect Orders provide the instructions for making operational the requested telephone services and telephone switching access (dial tone).

OCC

An acronym for Other Charges and Credits.

OCP

An acronym for Optional Calling Plan.

OPTIONAL CALLING PLAN

A bundling of services or special billing arrangement plan, normally applying to long-distance billing, to provide customers with billing rates or charges under rules stipulated by the plan. The term "optional" implies that a telephone customer has the option of subscribing to any of a number of tariffed calling plans.

OPTIONAL EAS PLAN

See EAS. The term "optional" implies that customers have the option to elect whether their calling area be extended or not. Non-optional EAS provisions are active for all telephone users in a local calling area.

OTHER CHARGES & CREDITS (OCC)

Other Charges and Credits are accounting transactions shown on the customer's bill to identify irregular billing charges or credits to a customer's account. The representation of this category of billing is most often the result of telephone service changes that have occurred to the customer's account. The term is also used to refer to a variety of phrases shown on the customer bill, each of which explain the circumstances for the charge or credit.

OUTWARD WATS

Wide Area Telephone Service (see WATS) messages that are recorded and billed at the originating point. Outward WATS also refers to WATS services that are outward capable (originating only), as opposed to Two-Way WATS (see INWARD WATS).

PACKAGE DISCOUNT

A term used to refer to a discount (represented by a percentage or dollar amount) that has been applied to a charge for telephone service as a result of the billing of Package (or PACKAGED) Services.

PACKAGE SERVICE

A group of telephone services that have been bundled together into a single service product and (normally) billed at rates different from the sum of each individual service.

PBX

A term used to describe a telephone methodology or device to allow switching of telephone lines at the customer site.

GLOSSARY OF TERMS (continued)**PREFIX AND LINE NUMBER**

In generic terms, PREFIX AND LINE NUMBER refers to a telephone number.

PRIME SAVER

A special Optional Calling Plan to bill qualifying long-distance charges on the basis of hours used, including usage from the prior month (see Optional Calling Plan).

PRIVATE LINE

A term that refers to special telephone circuitry that bypasses the regular switching network, thereby eliminating some of the possible sources for electrical interference. Private line circuits are most commonly used for data circuits, where the purity of signaling is critical. However, they may also be utilized for voice communications.

PRIVATE LINE CIRCUIT NUMBER

See CIRCUIT IDENTIFICATION.

PRIVATE LINE CIRCUIT LOCATION

See CIRCUIT LOCATION.

PURCHASE ORDER NUMBER

Some types of telephone services are ordered and tracked by Purchase Order Number. The sale (purchase) of an additional or foreign directory for instance, may be recorded via a Purchase Order Number.

RATE

A term that applies to pricing of telephone services. When used as a verb, RATE refers to the act of computing a money figure. When used as a noun, the term is used to reflect the factor(s) applicable to computation of a billing charge or credit. The factor may be expressed as a price per unit, package price, percentage, or other means to arrive at a price.

RATE CHANGE ORDER

Generically, the term applies to orders issued by a rate commission or governing body to authorize the alteration of telephone charging rules and/or rates. Specifically, the term applies to a document or process that conducts the changing of telephone service rates, thus altering the billing charges for a given customer account (similar to a SERVICE ORDER, except that services are not changed - only the pricing of the services).

RATING CLASSIFICATION

Rules for algorithms used to determine rates or rating processes. When used in conjunction with "code" - i.e. RATE CLASSIFICATION CODE, the term refers to the identification of a specific set of rules for the rating of telephone services. Other similar terms are RATE CLASS, RATE STRUCTURE, RATE CODE.

RECORD ORDER

A document or process that conducts the alteration of a telephone account. Record Orders provide the instructions for the addition, modification, or removal of attributes associated with a billing account, where charges or credits are not applicable to the change (i.e. a change of the customer mailing address would probably be accomplished via RECORD ORDER - see SERVICE ORDER).

GLOSSARY OF TERMS (continued)**REGULAR TRUNK BILLED**

The term most often applies to long-distance messages or services that have not required "special" operator intervention. Direct dialed long-distance is the most common category. In areas where direct dialing is not technically possible, operator placed long-distance may still be considered REGULAR TRUNK BILLED. Other similar terms include: DD; Station Calls; Station to Station; Station Dialed.

REQUISITION NUMBER

A term used for the ordering of Qwest provided services or products via requisition, as opposed to a purchase (see PURCHASE ORDER NUMBER).

SERVICE ACCOUNT

SERVICE ACCOUNT refers to the telephone account identification level, where the billing computation and (non-summary billing) statement rendering occurs. For non-summary billed customers, the SERVICE ACCOUNT is identical to the Billing Account. For summary billed customers, the SERVICE ACCOUNT is the identification of each individual telephone account that has been subjected to summarization to produce the summary bill.

SERVICE ORDER

A document or process that conducts the alteration of a telephone account. Service Orders provide the instructions for the installation, repair, movement, or removal of telephone services to/from telephone customers. Service Orders result in the changing of services, and hence the billing of services for telephone customers.

SERVICE ORDER NUMBER

A unique identifier code assigned to each Service Order.

SIS NUMBER

SIS is an acronym for Special Identifying Telephone Number Supplement. The term is used to describe a code (a number) that groups WATS 800 or 2 WAY services into a hierarchy for identification purposes.

STREET TELEPHONE DIRECTORY

A special directory (telephone book) containing the names and telephone numbers of telephone customers that is logically organized into sequences based on geographical location (street addresses). Other terms are Street Address Directory.

SUB-ACCOUNT

Same as SERVICE ACCOUNT when applied to summary billed telephone services.

SUMMARY BILLED

An arrangement whereby several telephone accounts are summarized into a single billing statement for payment. A separate Billing Account is invented to act as the accumulation point for the billing of multiple "Service Accounts".

SUPPLEMENTAL ORDER

A specialized document or process that conducts the alteration of a telephone account beyond the normal auspices of Service Orders. These orders provide non-service related changes; i.e. to provide for the charges for directory advertising as a result of the issuance of a new telephone directory, etc.

GLOSSARY OF TERMS (continued)**SURCHARGE**

A charge (or credit) billed for provisions or services beyond specific telephone services ordered by the customer. Surcharges are normally rendered at the Billing Account level.

SWITCHNET

A digital service involving circuitry for high-speed message switching used primarily for data transmission.

TAPER POINT

The point at which billing rates or charges change to invoke a philosophy of different charges for increased volumes. For instance, within a rating structure where the first 100 units are \$1.00, the next 100 units are \$.80, and any units over 200 are \$.75, the taper points are 101 and 201 respectively.

TARIFF

A description, ruling, order, or otherwise direction of proceedings for the approved rates or rating procedures associated with regulated telephone services.

TELECHOICE

A group of specialized telephone service packages to provide customers with special features according to their individual needs at package tariffed rates.

TELEGRAM

A message billed via the telephone bill for services associated with information conveyed by wire service (usually provided by separate carrier).

THIRD PARTY

A term used to indicate a separate entity for billing purposes. Normally, the term is applied as "Third Party Billed" or "Third Party Call" when used in conjunction with a telephone message where neither the calling number nor the called number is responsible to the charges. Similar to the use of a Calling Card, but rather than directing the charges to a Calling Card, the charges are directed to a Billing Account.

TO ORDER

Special Service Order category used to move (transfer) telephone services from an existing account "to" a new account. The result is the establishing of a new account, without disconnecting the old (see reference to FROM ORDER). The completion of a TO ORDER ahead of the anticipated FROM ORDER establishes a "dual service" situation where telephone circuitry at both new and old locations are operational. In situations where a FROM ORDER has already been completed (delayed move), the TO ORDER re-establishes telephone connectivity at the new location and billing for the services is resumed. The procedure is used primarily in place of procedures for disconnecting the old account and new-connecting the new account to prevent having to re-establish the customer (as a telephone customer) and the rendering of a Final Bill.

TOLL

A term used in reference to telephone messages that are considered "long-distance" calls; i.e. TOLL CALL.

GLOSSARY OF TERMS (continued)**TOLLPAK**

A specialized long-distance calling plan, where qualifying message charges beyond a minimum monthly charge are discounted at a fixed discount rate.

TRANSFER ADJUSTMENT

A transaction (normally accomplished within Qwest Accounting) to move money amounts from one Billing Account to be recorded at another; i.e. account balance still owed; payments; etc.

TRUNK IDENTIFICATION NUMBER

A term used to describe a code for the high level grouping of individual lines within CENTREX or large PBX telephone systems for usage recording.

UNIVERSAL SERVICE ORDERING CODE (USOC)

A code, whose values uniquely identify a specific telephone service. A term used in reference to or associated with tariffed telephone services (local switching services are associated to USOCs, long-distance is not).

USAGE

A term used to describe amounts of services used by customers during the billing period. Usage is associated with telephone services that are rated (or billed) according to measured quantities, usually in units of measurement such as hours, minutes, or messages (see LOCAL MEASURED SERVICE, ALLOWANCE).

USOC

An acronym for Universal Service Ordering Code.

USOC DESCRIPTION

The English language narrative to describe specific telephone services (USOCs) that are associated with a Universal Service Ordering Code.

WATS

An acronym for Wide Area Telephone Service. A special telephone switching arrangement and circuitry to convey high volumes of messages. The service is usually rated (and billed) based on measured quantities, rather than on an individual message basis.

WATS LINE NUMBER

An identification of specific telephone circuitry used for the conveyance of WATS messages.

WATS SAVER

A specific rating and billing plan offered as an alternative to WATS services for high volumes of long-distance usage.

WATS SERVICE GROUP

A line or "group" of lines identified as a unit for billing purposes. A code used to refer to a line or group of lines associated with a WATS

Section 5: Back Matter

APPENDIX A – Company Code - Western Region

COMMUNICATION COMPANY CODE Cross Reference/Translation List For Washington and Oregon:

DATE: 01-7-00

Below are listed the various values of data element COMM-CO-CODE and the equivalent text translation corresponding to the Communications Company name.

CODE	COMMUNICATIONS COMPANY
000M	USWC UNREGULATED
000R	USWC LOCAL EXCHANGE SERVICE
000T	USWC LONG-DISTANCE
0000	U S WEST COMMUNICATIONS
001A	TELECOM*USA
001B	AT&T 900
001C	AIRTOUCH CELLULAR (FORMERLY U S WEST CELLULAR)
001D	NETWORK ACCESS 900 SERVICE
0013	PACIFIC NORTHWEST TELCOM
0014	MARATHON COMMUNICATIONS INC
002A	IGT SPECIAL SERVICE AND PRODUCTS
002B	MCI WorldCom
002C	CELLULAR ONE
002E	MCI WorldCom
003B	SPRINT 900-700
003C	UNITED STATES CELLULAR
003E	ZPDI SPEC SERV AND PROD
004A	GATEWAY TECHNOLOGIES, INC.
004B	ALLNET 900-700
004E	ESBI SPECIAL SERVICE & PRODUCT
0046	CAM-NET
005B	TELESPHERE 900-700
005E	NETWORK ACCESS SPECIAL SERVICE & PRODUCT
0050	AMERICAN TELEPHONE EXCHANGE
0053	METROMEDIA COMMUNICATIONS CORP
0056	DIV QUEST COMM CORP.
0059	COMNET INC
006B	INTEGRETEL 900-700
0061	INTERNET TELECOMMUNICATIONS
0062	AMERICAN TELESAVE OF SPOKANE
0063	CII-COAST INTERNATIONAL INC
007B	OAN SERVICES 900-700
0070	US LONG-DISTANCE, INC

APPENDIX A – Western (cont.)

CODE	COMMUNICATIONS COMPANY
0550	ITA
0551	U S WEST Advanced PCS
0078	ENHANCED SERVICES BILLING, INC.
008A	NETWORK ACCESS
008B	TELEMATION 900 SERVICE
0088	MCI TELECOMMUNICATIONS
008F	VARTEC TELECOM INC
009A	AMERIVISION COMMUNICATIONS, INC
009B	ITA INFORMATION SERVICES
0098	U S WEST CORP COMMUNICATIONS
010B	PILGRIM TEL 900
011B	OMEGA TEL, INC, 900
012B	LDBC, INC. 900 SERVICE
013B	FEDERAL TRANSTEL 900 SERVICE
014B	AMERICAN TELNET 900 SERVICE
0144	ASSOCIATION COMMUNICATION
015B	VRS-BILLING SYSTEM 900 SERVICE
016B	NTI COMMUNICATIONS 900 SERVICE
017B	ENHANCED BILLING 900 SERVICE
0172	USP&C
019B	INFOACCESS INC. 900 SERVICE
0201	PHONENET INC
0202	EXECULINES NW
0205	IGT SPECIAL SERVICE AND PRODUCTS
021B	VARTEC 900 SERVICE
0211	FRONTIER SERVICE BILLING INC.
0212	NORTHWEST TELCO
0217	CALL U S INC
0219	TELEPHONE BILLING SERVICES
022B	INTERACTIVE BILLING 900 SERVICE
0220	WESTERN UNION
022B	INTERACTIVE BILLING 900 SERVICE
0222	MCI WORLDCOM
0223	CABLE & WIRELESS
0244	ACI BILLING SERVICES
0246	SHARED COMMUNICATIONS
0252	LONG-DISTANCE/USA
0256	AMERICAN SHARECOM
0260	AMERICAN SHARECOM/ACI
0266	COM SYSTEMS INC
0270	CHERRY COMMUNICATIONS, INC.
0280	CEO TELECOM/L.D. SERVICES

APPENDIX A – Western (cont.)

CODE	COMMUNICATIONS COMPANY
0285	FEDERAL TRANSTEL, INC.
0288	AT&T COMMUNICATIONS
0307	AMERICAN TELNET, INC
0311	AMERICAN NETWORK SAVENET
0312	NORTHWEST TELCO
0315	NORTHWEST TELCO
0319	CONQUEST
0322	AMERICAN SHARECOM
0323	TRI COM SYSTEMS INC
0327	ECI LONG-DISTANCE
0333	SPRINT LONG-DISTANCE
0335	TRI TOUCH AMERICA, INC
0350	FIBERNET TELEMAGEMENT
0351	ELCOTEL INC
0370	AMERICAN NETWORK EXCHANGE, INC.
0387	AT&T FTS-2000
0390	ONE-2-ONE COMMUNICATIONS
0400	AMERICAN SHARECOM
0402	INTEGRETEL INC
0414	TELNET LONG DIST FOR LESS
0420	AUTOMATED COMMUNICATIONS INC
0424	NY COM INC
0425	CAPITOL NETWORK SYSTEMS INC
0432	QWEST
0444	ALLNET COMMUNICATION SERVICES
0450	LDDS METROMEDIA COMMUNICATIONS
0465	INTELCO
0471	U. S. TEL
0477	LDB INTERNATIONAL
0485	TELTRUST, INC.
0488	METROMEDIA
0502	COMMUNICATION TELESYSTEMS
0503	FONE AMERICA, INC.
0525	PENTAGON COMPUTER DATA
0529	TELECOM WEST INC
0534	TOUCH1
0540	AM LONG-DISTANCE EXCHANGE
0555	WILTEL, INC.
0556	USBI
0566	TOTAL NETWORK SERVICES
0567	U S WEST INTERNET YELLOW PAGES
0569	WEST COAST TELECOMM

APPENDIX A – Western (cont.)

CODE	COMMUNICATIONS COMPANY
0578	TTI TELECOMMUNICATIONS
0582	INTERACTIVE BILLING SERVICES
0589	INTERNATIONAL PACIFIC INC
0610	UNIVERSAL COMMUNICATIONS
0625	OPERATOR ASSISTANCE NETWORK
0632	NATIONAL BILLING SYSTEM
0636	CLEAR CHOICE TELECOMMUNICATIONS
0637	FOX COMMUNICATIONS
0644	NETWORK TELECOM SERVICES
0648	MIDCOM COMMUNICATIONS, INC.
0655	TELE-MATIC CORP.
0658	ONCOR COMMUNICATIONS, INC.
0670	CARD TEL
0683	NATIONAL NETWORKS
0686	CONNECT N SAVE
0705	EXECULINES NW
0706	ICON COMMUNICATIONS CORP
0714	PHONELINK INC
0718	U S WEST LONG-DISTANCE, INC.
0732	AT&T
0749	OMEGA TEL, INC.
0752	EXCEL TELECOMMUNICATIONS
0755	SEARS COMMUNICATIONS CO
0756	ZERO PLUS DIALING INC
0767	PAYLINE SYSTEMS INC
0777	SPRINT MISC TOLL
0780	MATRIX TELECOM
0782	ILD TELESERVICES, INC
0797	TOUCH 1
0799	PAMTEL LONG-DISTANCE
0802	ELECTRIC LIGHTWAVE
0805	TELEMATION
0810	LOGICALL
0811	VARTEC TELECOM, INC
0813	AMER TELECOM ENTERPRISE
0819	U S WEST DIRECT
0835	TELECOM*USA/TELECONNECT*USA
0867	BITTEL TELECOMMUNICATIONS
0868	ENVOY GLOBAL INC
0876	TELECOM*USA (MCI)
0880	OPTICOM
0882	HOME OWNERS LONG-DISTANCE

APPENDIX A – Western (cont.)

CODE	COMMUNICATIONS COMPANY
0888	MCI
0892	SOUND COMMUNICATIONS WEST
0898	MCI TELECOMMUNICATIONS
0899	TELEPHONE EXPRESS
0903	VRS 800 SUBSCRIBER SRVC
0919	TELNET LONG DIST FOR LESS
0923	THRIFTY CALL
0930	PILGRIM TELEPHONE
0937	ACCESS LONG-DISTANCE
0945	NTI COMMUNICATIONS
0955	UNICOM
0965	THE HOGAN COMPANY
0969	DIAL NET
0976	INFORMATION PROVIDERS
0995	TARGET TELECOM
0999	METROMEDIA HOTELNET

APPENDIX A – Company Code - Eastern Region

COMMUNICATION COMPANY CODE Cross Reference/Translation List For Nebraska, Iowa, Minnesota, North Dakota, South Dakota:

DATE: 01-07-00

Below are listed the various values of data element COMMUNICATIONS-COMPANY-CODE and the equivalent text translation corresponding to the Communications Company name.

CODE	COMMUNICATIONS COMPANY
010	U S WEST COMMUNICATIONS
011	U S WEST OPTIONAL SERVICES**
012	U S WEST UNREGULATED SERVICE**
013	U S WEST COMMUNICATIONS LONG-DISTANCE
014	U S WEST MISCELLANEOUS**
015	U S WEST DIRECT
050	FRONTEER
055	FRONTIER
080	COMMUNITY LINK
081	COMMUNITY LINK MINN**
102	U S WEST CELLULAR
103	CELLULAR ONE
105	UNITED STATES CELLULAR
106	CENDEL CELLULAR
108	CELLULAR INC.
110	FIRST CELLULAR OMAHA**
118	TELASSIST
125	INFORMATION PROVIDERS
172	USP&C
201	REPUBLIC TELCOM
203	BUDGET CALL LONG-DISTANCE**
205	INTEGRETEL SPECIAL SERVICE PRODUCTS
206	ITA SPECIAL SERVICE PRODUCTS
208	ENHANCED SERVICES BILLING SPECIAL SERVICES AND PRODUCTS
209	ENHANCED SERVICES BILLING**
210	ESBI SPEC SERV AND PROD*
217	INTEGRETEL 800 SERVICE**
218	TELEPHONE BILLING SERVICES SPECIAL SERVICES AND PRODUCTS
219	TEL BILLING SERVICES**
220	WESTERN UNION

APPENDIX A – Eastern (cont.)

CODE	COMMUNICATIONS COMPANY
221	MCI
222	MCI
223	MCI
224	MCI RANDOM INVOICE
244	ACI BILLING SERVICES
270	CHERRY COMMUNICATIONS
272	INFOACCESS, INC.**
273	INFOACCESS, INC.**
280	LONG-DISTANCE SERVICES**
285	FEDERAL TRANSTEL, INC.**
286	FEDERAL TRANSTEL, INC.**
300	AT&T
307	AMERICAN TELNET, INC.**
308	AMERICAN TELNET, INC.**
310	AT&T 900 SERVICE**
330	TRAVEL CALL
332	US SPRINT
333	SPRINT MISCELLANEOUS TOLL
351	ELCOTEL INC.
398	DIAL LONG-DISTANCE
399	DIAL LONG-DISTANCE 900
400	DIAL LONG-DISTANCE SPECIAL SERVICES AND PRODUCTS
402	INTEGRETEL, INC.
403	VRS BILLING SYSTEMS**
424	N Y COM INC.
428	INTER-COM TELEPHONE INC.
432	QWEST
444	ALLNET
445	ALLNET
457	TELCO DVLPMT GRP OF DELAWARE**
459	TELECOM USA
488	METROMEDIA
491	AMERIVISION COMMUNICATIONS, INC
502	CTS**
503	FONE AMERICA, INC.
504	CTS**
511	OLYMPIC TELECOMMUNICATIONS, INC
525	PENTAGON COMPUTER DATA LTD
533	TELESPHERE
534	TOUCH 1**
539	CTS 800 SERVICE**
540	INFOACCESS 800 SERVICE**
541	NETWORK ACCESS 800 SERVICE**
544	ACOMM INC.**

APPENDIX A – Eastern (cont.)

CODE	COMMUNICATIONS COMPANY
551	U S WEST Advanced PCS
555	TELESPHERE
556	TELESPHERE
557	USBI
566	TOTAL NETWORK SERVICES
0567	U S WEST INTERNET YELLOW PAGES
582	INTERACTIVE BILLING SVCS**
583	INTERACTIVE BLG**
589	INTERNATIONAL PACIFIC
601	ZERO PLUS
613	DIAL-NET INC.
625	OPERATOR ASSISTANCE NETWORK
626	OPERATOR ASSISTANCE NETWORK
632	NATIONAL BILLING SYSTEM
633	NATIONAL BILLING SYSTEM
636	CLEAR CHOICE TELECOMMUNICATIONS
650	OAN 1+**
658	ONCOR COMMUNICATIONS INC.
683	NATIONAL TECHNICAL ASSOC.
705	NETWORK ACC SPEC SERV & PROD**
706	NETWORK ACCESS, INC.**
718	U S WEST LONG-DISTANCE, INC.
720	SCC BILLING SERVICES
749	OMEGA TEL, INC.**
750	OMEGA TEL, INC.**
752	EXCEL TELECOMMUNICATIONS
756	ZERO PLUS DIALING INC.
757	ZPDI SPEC SERV AND PROC**
767	PAYLINE SYSTEMS, INC.
777	SPRINT**
778	SPRINT**
780	MATRIX TELECOMILD TELESERVICES, INC
782	ILD TELESERVICES, INC
797	TOUCH 1**
799	PAMTEL LONG-DISTANCE
801	LDOS COMMUNICATIONS, INC.**
805	TELEMATION**
806	TELEMATION**
810	LOGICALL**
812	VARTEC TELECOM
835	OPERATOR ASSISTED CALLING
882	HOME OWNERS LONG-DISTANCE**
903	VRS 800 SUBSCRIBER SRVC**

APPENDIX A – Eastern (cont.)

CODE	COMMUNICATIONS COMPANY
904	VRS-BILLING SYSTEMS**
923	THRIFTY CALL*
926	QUAD CITY TIMES
930	PILGRIM TELEPHONE**
931	PILGRIM TELEPHONE**
945	NTI COMMUNICATIONS**
946	NTI COMM.**
995	TARGET TELECOM
997	CGI SERVICES**
998	METROMEDIA HOTELNET, INC.

APPENDIX A – Company Code - Central Region

COMMUNICATION COMPANY CODE Cross Reference / Translation List For Arizona, Colorado, Southern Idaho, Montana, New Mexico, Utah, and Wyoming.

DATE: 01-07-00

Below are listed the various values of data element COMMUNICATIONS-COMPANY-CODE and the equivalent text translation for the corresponding Communications Company name.

CODE	COMMUNICATIONS COMPANY
5502	BELL ATLANTIC MOBILE
5501	CELLULAR ONE
5506	CENDEL CELLULAR
5508	COMMNET CELLULAR
6025	INFORMATION PROVIDERS
5500	U S WEST CELLULAR
1025	U S WEST COMM UNREGULATED
1000	U S WEST COMMUNICATIONS
2050	U S WEST DIRECT
1050	U S WEST LONG-DISTANCE
1075	U S WEST LONG-DISTANCE
5504	UNITED STATES CELLULAR
0001	LDOS METROMEDIA COMM
0007	TMC OF EL PASO
0013	PACIFIC NORTHWEST TELCOM
0014	MARATHON COMMUNICATIONS
0020	COMPUTE - A - CALL
0024	RATE SAVER
0026	TELESAVER OF N.M.
0040	TELEDIAL AMERICA, INC.
0048	ETSC LONG-DISTANCE
0050	METROMEDIA COMMUNICATIONS
0052	WEST COAST TELECOM
0053	AMERICAN NETWORK
0056	SP TELECOM
0059	COMMNET INC.
0063	COAST INTERNATIONAL, INC.
0066	ALLNET
0070	U. S. LONG-DISTANCE, INC.
0550	ITA
0551	U S WEST Advanced PCS
0078	ENHANCED BLG 900 SERVICE
0078	ENHANCED SERVICES BILLING
0078	ESBI SPEC SERV AND PROD

APPENDIX A – Central (cont.)

CODE	COMMUNICATIONS COMPANY
0085	WESTEL, INC.
0088	MCI TELECOMMUNICATIONS
0098	U S WEST CORPORATE COMMUN
0126	SONIC COMMUNICATIONS, INC.
0128	AMNET, INC.
0172	USP&C
0205	IGT
0207	INTEGRETEL 800 SERVICES
0212	CALL YOU US
0217	CALL YOU US
0219	LONG-DISTANCE BILLING CO.
0219	LONG-DISTANCE BILLING CO.
0220	WESTERN UNION
0222	MCI 900 SERVICES
0222	MCI RANDOM INVOICE
0222	MCI TELECOMMUNICATIONS
0223	CABLE AND WIRELESS
0228	ABT LONG-DISTANCE SERVICE
0235	ECONO-CALL, INC.
0238	COMWEST COMM, INC.
0244	ACI BILLING SERVICES
0246	SHARED COMMUNICATIONS
0252	LONG-DISTANCE/USA
0256	AMERICAN SHARECOM, INC.
0263	SUN DIAL
0266	COM-SYSTEMS
0267	TRI-TEL COMMUNICATIONS
0270	CHERRY COMMUNICATIONS INC.
0276	BEE LINE LONG-DISTANCE
0280	LONG-DISTANCE SERVICES
0282	ACTION TELCOM CO.
0285	FEDERAL TRANSTEL, INC.
0285	FEDERAL TRANSTEL, INC.
0287	NATIONAL COMM NETWORK
0288	AT&T
0288	AT&T 900
0300	CALL AMERICA
0307	AMERICAN TELNET, INC.
0307	AMERICAN TELNET, INC.
0308	NETWORK OPERATOR SERVICE
0311	AMERICAN NETWORK
0312	NORTHWEST TELCO
0319	CONQUEST
0325	TELSTAR LONG-DISTANCE SVC.
0327	ECI LONG-DISTANCE

APPENDIX A – Central (cont.)

CODE	COMMUNICATIONS COMPANY
0330	TRAVEL CALL
0333	SPRINT
0335	TRI TOUGH AMERICA, INC.
0351	ELCOTEL INC.
0358	T. M. SEPULVEDA, INC.
0360	TOUCH AMERICA
0370	AMNEX
0387	AT&T
0390	ONE-2-ONE COMMUNICATIONS
0395	LONG-DISTANCE NTWK., INC.
0400	AMERICAN SHARECOM INC.
0402	INTEGRETEL, INC.
0402	VRS BILLING SYSTEMS
0414	TELE-NET
0420	ACI - HOTEL
0425	CAPITOL NETWORK SYSTEMS
0428	ICT ALTERNATIVE SERVICES
0429	FLAGCOM NETWORK SVCS CORP.
0432	QWEST
0433	INFO-TEL, INC.
0444	ALLNET 900/700
0444	ALLNET "DIAL 1" SERVICE
0459	TELECOM*USA
0460	INDEPENDENT NETWORK SVCS
0465	INTELCO
0468	ITC NETWORKS
0477	LDB INTERNATIONAL
0478	ITC NETWORKS
0485	TELTRUST, INC.
0488	METROMEDIA
0491	AMERIVISION/AMERITEL
0493	THRIFTY TELEPHONE, INC.
0502	BELL ATLANTIC MOBILE
0502	CTS
0502	CTS 900 SERVICE
0503	FONE AMERICA, INC.
0504	UNITED STATES CELLULAR
0506	CENDEL CELLULAR
0507	INMATE CALLING SERVICES
0511	EXECULINE OF SACRAMENTO
0517	DIAL ONE COMMUNICATIONS
0525	PENTAGON COMPUTER DATA
0529	USLD/TELECOM WEST
0533	TELESPHERE
0535	LONG-DISTANCE FOR LESS

APPENDIX A – Central (cont.)

CODE	COMMUNICATIONS COMPANY
0537	GTE DIRECT MARKETING
0538	GATEWAY TECHNOLOGIES, INC.
0539	CTS 800 SERVICE
0539	LDX, INC.
0540	AM LONG-DISTANCE EXCHANGE
0540	INFOACCESS 800 SERVICE
0541	NETWORK ACCESS 800 SERVICE
0549	SCC
0552	LAKE STATES
0551	U S WEST Advanced PCS
0555	TELESPHERE
0555	TELESPHERE 900/700
0556	USBI
0558	MIDCOM OF ARIZONA, INC.
0560	TCI COMMUNICATIONS
0565	HELLO PAGES
0567	U S WEST INTERNET YELLOW PAGES
0578	TTI TELECOMMUNICATIONS
0586	CTN-CUSTOM TELECOM
0589	INTERNATIONAL PACIFIC
0607	LONG-DISTANCE COMM.
0610	UNITEL
0621	TELENATIONAL COMMUNICATIO
0623	ECONOCALL
0625	OPERATOR ASSISTANCE NETWK
0625	OPR ASSIST NETWK 900/700
0632	NATIONAL BILLING SYSTEM
0636	CLEAR CHOICE TELECOMMUNICATIONS
0637	FOX COMMUNICATIONS
0638	NORTHWEST TELCOM, LTD.
0650	OAN 1+
0655	TELE-MATIC CORP.
0656	NATIONAL NETWORK CORP.
0658	ONCOR COMMUNICATIONS INC.
0664	TRI TOUCH AMERICA, INC.
0669	VALU-LINE LONG-DISTANCE
0670	CARD*TEL
0675	COMMUNICATION SVC OF COLO
0683	NATIONAL TECHNICAL ASSOC.
0685	TELECALL LONG-DISTANCE
0687	NTS COMMUNICATIONS
0695	OPTICALL
0700	TEL-AMERICA
0705	NETWORK ACC 900 SERVICE

APPENDIX A – Central (cont.)

CODE	COMMUNICATIONS COMPANY
0705	NETWORK ACCESS
0705	NETWORK ACCESS, INC.
0708	BCN, INC.
0709	EXPRESS-TEL
0712	OPCOM
0716	NATIONWIDE COMM, INC.
0718	U S WEST LONG-DISTANCE, INC.
0720	SCC BILLING SERVICES
0732	AT&T
0737	NATIONAL TELECOMMUNICATIONS
0749	OMEGA TEL INC.
0752	EXCEL TELECOMMUNICATIONS
0756	PDI SPEC SERV AND PROD
0756	ZERO PLUS DIALING INC.
0766	Y. T. E.
0767	PAYLINE SYSTEMS INC.
0768	FIRST CHOICE COMMUNICATIONS
0771	TEL-SYSTEMS
0777	SPRINT MISC TOLL
0777	SPRINT MISC TOLL 900/700
0780	MATRIX TELECOM
0782	ILD TELESERVICES, INC
0785	USP COMMUNICATIONS
0786	LDDS COMMUNICATIONS
0788	CHERNOW COMM., INC.
0789	ATC LONG-DISTANCE
0797	TOUCH 1
0799	PAMTEL LONG-DISTANCE
0800	ATC LONG IDSTANCE
0801	LDDS COMMUNICATIONS, INC.
0805	TELEMATION
0805	TELEMATION 900/700
0808	PHONE AMERICA OF COLORADO
0810	LOGICALL
0811	VARTEC TELECOM, INC.
0813	AMER TELECOM ENTERPRISE
0822	ULTIMATE COMMUNICATIONS
0823	UNITED BANK OF DENVER
0834	NEW DIMENSIONS INDUSTRIES
0835	OPERATOR ASSISTED CALLING
0855	UNION TELEPHONE CO., INC.
0861	UNITED TELESYSTEMS, INC.
0876	TELECOM*USA (MCI)
0879	US COMMUNICATIONS, INC.

APPENDIX A – Central (cont.)

CODE	COMMUNICATIONS COMPANY
0880	OPTICOM
0882	HOLD
0888	MCI
0891	OPERATOR SERVICE CO.
0892	SOUND COMMUNICATIONS WEST
0897	AUTONET OF COLORADO
0898	MCI TELECOMMUNICATIONS
0899	TELEPHONE EXPRESS
0903	VRS 800 SUBSCRIBER SRVC
0903	VRS-WIC 900 SERVICE
0926	LA CONEXION
0930	PILGRIM TELEPHONE
0930	PILGRIM TELEPHONE
0936	R-COMM
0937	ACCESS LONG-DISTANCE
0945	NTI COMMUNICATIONS
0945	NTI COMMUNICATIONS 900
0965	THE HOGAN COMPANY
0969	DIAL NET
0977	TELEPHONE COMMUNICATIONS
0978	NBC
0994	TRI TOUCH AMERICA, INC.
0995	WYLON
0999	METROMEDIA HOTELNET, INC.

APPENDIX B – Directory Codes - Western Region

DIRECTORY CODE Cross Reference/Translation List

DATE: 03-07-98

Below are listed the various values of data element DIRECTORY-CODE and the corresponding text translation corresponding to the Telephone Directory Book name.

IDAHO, OREGON, WASHINGTON DIRECTORY BOOKS

CODE	TELEPHONE DIRECTORY BOOK	CODE	TELEPHONE DIRECTORY BOOK
0003	ABERDEEN	0327	MEDFORD
0006	ALBANY	0336	MOSES LAKE
0021	ASTORIA	0351	NEWPORT
0039	BAINBRIDGE ISLAND	0366	NORTH PLAINS
0042	BAKER	0393	OKANOGAN
0057	BELLEVUE	0390	OLYMPIA
0051	BELLINGHAM	0378	OREGON CITY
0063	BEND	0408	PASCO
0066	BREMERTON	0417	PENDLETON
0132	CARLTON	0429	PORT ANGELES
0108	CASCADE LOCKS	0438	PORT TOWNSEND
0087	CENTRALIA	0423	PORTLAND
0105	CLE ELUM	0441	PUYALLUP
0090	COLFAX	0447	RAYMOND
0111	COLVILLE	0471	ROSEBURG
0123	CORVALLIS	0477	SALEM
0117	COULEE DAM	0483	SEATTLE
0141	DAYTON	0501	SHELTON
0165	EUGENE	0510	SOUTH KING COUNTY
0186	FLORENCE	0525	SPOKANE
0192	U. S. GOV. CAMP	0504	ST HELENS
0207	GRANTS PASS	0537	TACOMA
0222	HARNEY COUNTY	0540	THE DALLES
0239	HERMISTON	0543	TILLAMOOK
0276	KLAMATH FALLS	0561	VANCOUVER
0321	LEWISTON	0573	WALLA WALLA
0300	LONGVIEW	0600	YAKIMA

APPENDIX B – Directory Codes - Eastern Region
DIRECTORY CODE Cross Reference/Translation List

DATE: 03-07-98

Below are listed the various values of data element DIRECTORY-CODE and the equivalent text translation corresponding to the Telephone Directory Book name.

IOWA DIRECTORY BOOKS

CODE	TELEPHONE DIRECTORY BOOK	CODE	TELEPHONE DIRECTORY BOOK
ALG	ALGONA	KEO	KEOKUCK
AMS	AMES	MAO	MAQUOKETA
ANA	ANAMOSA	MTN	MARSHALLTOWN
ATL	ATLANTIC	M C	MASON CITY
BON	BOONE	MCO	MASON CITY (OS)
BUR	BURLINGTON	MUS	MUSCATINE
CAR	CARROL	OEL	OELWEIN
C R	CEDAR RAPIDS	OSK	OSKALOOSA
CPO	CEDAR RAPIDS (OS)	OTT	OTTUMWA
CRT	CHARITON (ICO)	PER	PERRY
C C	CHARLES CITY	R V	RIVER VALLEY (ICO)
CLI	CLINTON	SHL	SHELDON
C B	COUNCIL BLUFFS	SHN	SHENANDOAH
CBO	COUNCIL BLUFFS (OS)	S C	SIOUX CITY
DVP	DAVENPORT	SCO	SIOUX CITY (OS)
DEC	DECORAH	SNR	SIOUXLAND NORTH
D M	DES MOINES	SLS	SIOUXLAND SOUTH
DMO	DES MOINES (OS)	SPN	SPENCER
DMW	DES MOINES - WEST	S L	STORM LAKE
DBQ	DUBUQUE	W C	WEBSTER CITY
ELK	ELKADER	WAV	WAVERLY
F M	FORT MADISON	WLO	WATERLOO
IOC	ILLINOIS QUAD CITY	WOO	WATERLOO (OS)
I C	IOWA CITY	WIN	WINTERSET
I F	IOWA FALLS		

APPENDIX B – Eastern (cont.)

MINNESOTA DIRECTORY BOOKS

CODE	TELEPHONE DIRECTORY BOOK	CODE	TELEPHONE DIRECTORY BOOK
AKA	ANOKA	N U	NEW ULM (ICO)
AUS	AUSTIN	DUO	NORTH SHORE
BAR	BARNUM	ORT	ORTONVILLE
BMJ	BEMIDJI	OWA	OWATONNA
BRD	BRAINARD	R W	RED WING
BUF	BUFFALO	R F	RED FALLS
CMD	CAMBRIDGE	ROC	ROCHESTER
CHS	CHISOLM	ROO	ROCHESTER (OS)
CRK	CROOKSTON	STC	SAINT CLOUD
DLK	DETROIT LAKES	STO	SAINT CLOUD (OS)
DUL	DULUTH	STP	SAINT PAUL
FFS	FERGUS FALLS	SPT	SAINT PETER
F L	FOREST LAKE	SKC	SAULK CENTER
GLW	GLENWOOD	SHA	SHAKOPEE
GRP	GRAND RAPIDS	STW	STILLWATER
HIB	HIBBING	VRG	VIRGINIA
HST	HOUSTON CITY (ICO)	WAB	WABASHA
L M	LAKE MINNETONKA	WAD	WADENA
LES	LE SUER	W B	WHITE BEAR
L F	LITTLE FALLS	WMR	WILLMAR
MRS	MARSHALL	WMO	WILLMAR (OS)
MPA	MINNEAPOLIS - ALPH	WDM	WINDOM
MPC	MINNEAPOLIS - CLASS	WNA	WINONA
MSB	MINN.-ST. PAUL - BTB	WOR	WORTHINGTON (ICO)
MOR	MORRIS		

NEBRASKA DIRECTORY BOOKS

CODE	TELEPHONE DIRECTORY BOOK	CODE	TELEPHONE DIRECTORY BOOK
ALN	ALLIANCE	N P	NORTH PLATTE
FRE	FREMONT	NPO	NORTH PLATTE (OS)
FRO	FREMONT (OS)	NPV	NORTH PLATTE
	VALLEY (ICO)		
G I	GRAND ISLAND	OMA	OMAHA
GIO	GRAND ISLAND (OS)	ONW	OMAHA NORTHWEST
KRY	KEARNEY (ICO)	OSS	OMAHA SOUTH
	SUBURBAN		
MCC	McCOOK	ONL	O'NEIL
NFK	NORFOLK	SID	SIDNEY
NFO	NORFOLK (OS)		

APPENDIX B – Eastern (cont.)

NORTH DAKOTA DIRECTORY BOOKS

CODE	TELEPHONE DIRECTORY BOOK	CODE	TELEPHONE DIRECTORY BOOK
BIS	BISMARK	GFN	GRAFTON
BIO	BISMARK (OS)	JMT	JAMESTOWN
BOT	BOTTINEAU	MNT	MINOT (ICO)
CGT	CARRINGTON	OAK	OAKES
DKN	DICKINSON	V C	VALLEY CITY
FGO	FARGO	WAH	WAHPETON
G F	GRAND FORKS	WIL	WILLISTON

SOUTH DAKOTA DIRECTORY BOOKS

CODE	TELEPHONE DIRECTORY BOOK	CODE	TELEPHONE DIRECTORY BOOK
ABR	ABERDEEN	MTO	MITCHELL (OS)
ABO	ABERDEEN (OS)	PRR	PIERRE
BNH	BADLANDS NO. HILLS	S F	SIOUX FALLS
BPL	BADLANDS PLAINS	SFO	SIOUX FALLS (OS)
BSO	BADLANDS SO. HILLS	WNT	WATERTOWN
BRK	BROOKINGS (ICO)	WTO	WATERTOWN (OS)
HUR	HURON	YTN	YANKTON
MIT	MITCHELL		

* (OS) = *OUTSTATE*

** (ICO) = INDEPENDENT COMPANY DIRECTORIES IN WHICH U S WEST EXCHANGES APPEAR

APPENDIX B – Directory Codes - Central Region**DIRECTORY CODE Cross Reference/Translation List**

DATE: 10-15-93

Below are listed the various values of data element DIRECTORY-CODE and the equivalent text translation corresponding the Telephone Directory Book name.

ARIZONA DIRECTORY BOOKS

CODE	TELEPHONE DIRECTORY BOOK	CODE	TELEPHONE DIRECTORY BOOK
DBAJO	AJO	DBPNW	PHOENIX WHITE
DBBUC	BUCKEYE	DBPNX	PHOENIX YELLOW
DBCAG	CASA GRANDE	DBPRS	PRESCOTT
DBCOC	COCHISE COUNTY	DBSFD	SAFFORD
DBFLG	FLAGSTAFF	DBSMA	SAN MANUEL
DBGLB	GLOBE	DBSCT	SCOTTSDALE
DBMTC	MESA	DBTSN	TUCSON
DBNGL	NOGALES	DBTNC	TUCSON CENTRAL
DBPSN	PAYSON	DBTNE	TUCSON EAST
DBCTR	PHOENIX CENTRAL	DBTNN	TUCSON FOOTHILLS
DBNTH	PHOENIX NORTH AREA	DBWKB	WICKENBURG
DBSTH	PHOENIX SOUTH AREA	DBWNS	WINSLOW
DBWST	PHOENIX WEST AREA	DBYUM	YUMA

COLORADO DIRECTORY BOOKS

CODE	TELEPHONE DIRECTORY BOOK	CODE	TELEPHONE DIRECTORY BOOK
DBALM	ALAMOSA	DBFTM	FORT MORGAN
DBASP	ASPEN	DBGRN	GRANBY
DBBDR	BOULDER	DBGJU	GRAND JUNCTION
DBBRT	BRIGHTON	DBGRY	GREELEY
DBBTN	BURLINGTON	DBGUN	GUNNISON
DBCNC	CANON CITY	DBIDS	IDAHO SPRINGS
DBCAS	CASTLE ROCK	DBJSB	JULESBURG
DBCOL	COLORADO SPRINGS	DBLJN	LA JUNTA
DBCRG	CRAIG	DBLMR	LAMAR
DBDNC	DENVER CENTRAL	DBLDV	LEADVILLE
DBDNE	DENVER EAST	DBLGM	LONGMONT
DBDNN	DENVER NORTH	DBLOV	LOVELAND
DBDNS	DENVER SOUTH	DBMTR	MONTROSE
DBDNW	DENVER WEST	DBPBL	PUEBLO
DBDVW	DENVER WHITE	DBSDA	SALIDA
DBDNV	DENVER YELLOW	DBSTL	STERLING
DBDUR	DURANGO	DBTRN	TRINIDAD
DBESP	ESTES PARK	DBWAL	WALDEN
DBEVG	EVERGREEN	DBWLB	WALSENBURG
DBFTC	FORT COLLINS	DBWRY	WRAY

APPENDIX B – Central (cont.)

IDAHO DIRECTORY BOOKS

CODE	TELEPHONE DIRECTORY BOOK	CODE	TELEPHONE DIRECTORY BOOK
DBBFT	BLACKFOOT	DBMHM	MOUNTAIN HOME
DBBOS	BOISE	DBNMP	NAMPA
DBBRY	BURLEY	DBPYT	PAYETTE
DBIFS	IDAHO FALLS	DBPOC	POCATELLO
DBMLD	MALAD	DBSSP	SODA SPRINGS
DBTFL	TWIN FALLS		

MONTANA DIRECTORY BOOKS

CODE	TELEPHONE DIRECTORY BOOK	CODE	TELEPHONE DIRECTORY BOOK
DBBHB	BIG HORN BASIN	DBGFO	GREAT FALLS OUTSTATE
DBBLG	BILLINGS	DBGFV	GREAT FLATHEAD VALLEY
DBBZN	BOZEMAN	DBHLN	HELENA
DBBTE	BUTTE	DBLWT	LEWISTOWN
DBGLS	GLASGOW	DBMIC	MILES CITY
DBGTF	GREAT FALLS	DBMSL	MISSOULA

NEWMEXICO DIRECTORY BOOKS

CODE	TELEPHONE DIRECTORY BOOK	CODE	TELEPHONE DIRECTORY BOOK
DBALA	ALAMOGORDO	DBLCR	LAS CRUCES
DBABW	ALBUQUERQUE	DBLVG	LAS VEGAS
DBALB	ALBUQUERQUE	DBROS	ROSWELL
DBART	ARTESIA	DBSFE	SANTA FE
DBBEN	BELEN	DBSIL	SILVER CITY
DBCLO	CLOVIS	DBSOC	SOCORRO
DBFRM	FARMINGTON	DBTAO	TAOS
DBGAL	GALLUP	DBTUC	TUCUMCARI

UTAH DIRECTORY BOOKS

CODE	TELEPHONE DIRECTORY BOOK	CODE	TELEPHONE DIRECTORY BOOK
DBSCU	SOUTH CENTRAL UTAH	DBPRI	PRICE
DBBRC	BRIGHAM CITY	DBPVO	PROVO
DBCVL	CACHE VALLEY	DBSLK	SALT LAKE CITY
DBHBC	HEBER CITY	DBSVA	SOUTH VALLEY AREA
DBMHV	MOHAVE COUNTY COMTY	DBSUT	SOUTHERN UTAH GUIDE
DBOGD	OGDEN	DBTLE	TOOELE
DBVNL	VERNAL		

APPENDIX C – Rate Code – Western Region

RATE CLASSIFICATION CODE Cross Reference/Translation List for calls billed to accounts in Washington and Oregon

DATE: 10-15-96

Below are listed the various values of data element CLASS-OF-CALL-CODE and the equivalent text translation corresponding to the classification of a message for rating purposes.

OLD CODE	NEW CODE	MESSAGE CLASSIFICATION
A	DD	DAY DIALED (DDD)
B	ED	EVENING DIALED (DDD)
C	ND	NIGHT DIALED (DDD)
D	WD	WEEKEND DIALED (DDD)
E	DO	DAY OPERATOR HANDLED
F	EO	EVENING OPERATOR HANDLED
G	NO	NIGHT OPERATOR HANDLED
H	WO	WEEKEND OPERATOR HANDLED
I	DP	DAY PERSON
J	EP	EVENING PERSON
K	NP	NIGHT PERSON
L	WP	WEEKEND PERSON
N	DD	CUST DIALED MECH CLNG CARD (DAY DIALED
N	ED	CUST DIALED MECH CLNG CARD (EVE. DIALED)
N	ND	CUST DIALED MECH CLNG CARD (NIGHT DIALED)
N	WD	CUST DIALED MECH CLNG CARD (WEEKEND DIALED
O	LD	LATE NIGHT 10 MINUTES FOR \$1
U	ES	EVENING DIALED SPECIAL RATE
V	EG	EVENING DIALED LOWEST GUARANTEED RATE
W	NS	NIGHT DIALED SPECIAL RATE
X	NG	NIGHT DIALED LOWEST GUARANTEED RATE
Y	WS	WEEKEND DIALED SPECIAL RATE
Z	WG	WEEKEND DIALED LOWEST GUARANTEED RATE

APPENDIX C – Rate Code - Eastern Region

RATE CLASSIFICATION CODE Cross Reference/Translation List for calls billed to accounts in Nebraska, Iowa, Minnesota, North Dakota, and South Dakota

DATE: 10-16-96

Below are listed the various values of data element CLASS-OF-CALL-CODE and the equivalent text translation corresponding to the classification of a message for rating purposes.

CODE	MESSAGE CLASSIFICATION
1	PERSON "NIGHT"
3	PERSON "EVENING"
4	PERSON "DAY"
5	PERSON "LATE NIGHT"
6	PERSON CALL BACK "DAY"
7	PERSON CALL BACK "EVENING"
8	PERSON CALL BACK "NIGHT"
9	PERSON CALL BACK "LATE NIGHT"
A	STATION "NIGHT"
C	STATION "EVENING"
D	STATION "DAY"
E	STATION "LATE NIGHT"
F	STATION "WEEKEND"
G	STATION "STANDARD" OVERSEAS
H	STATION "DISCOUNT" OVERSEAS
I	STATION "ECONOMY" OVERSEAS
J	PERSON "STANDARD" OVERSEAS
K	PERSON "DISCOUNT" OVERSEAS
L	PERSON "ECONOMY" OVERSEAS
M	STATION
N	STATION 30+
O	STATION DDD
P	STATION 30+ DDD
U	PERSON
V	PERSON 30+
W	PERSON DDD
X	PERSON 30+ DDD
Y	PERSON CALL BACK
Z	PERSON CALL BACK 30+
Q	PERSON CALL BACK DDD
R	PERSON CALL BACK 30+ DDD

APPENDIX C – Rate Code – Central Region

RATE CLASSIFICATION CODE Cross Reference/Translation List for calls billed to accounts in Arizona, Colorado, Southern Idaho, Montana, New Mexico, Utah, and Wyoming.

DATE: 10-16-96

Below are listed the various values of data element CLASS-OF-CALL-CODE and the equivalent text translation corresponding to the classification of a message for rating purposes.

CODE	MESSAGE CLASSIFICATION
A	DAY PERSON - PERSON TO PERSON - FULL RATE
B	EVENING PERSON - PERSON TO PERSON - DISCOUNT RATE
C	NIGHT PERSON - PERSON TO PERSON - DISCOUNT RATE
CT	MINUTES APPLIED TO CALL THRIFT
D	DIAL DAY - FULL RATE
E	DIAL EVENING - DISCOUNT RATE
F	DAY STATION - OPERATOR OR CALLING CARD RATE
G	EVENING STATION - OPERATOR OR CALLING CARD - DISCOUNT RATE
H	NIGHT STATION - OPERATOR OR CALLING CARD - DISCOUNT RATE
IZ	INTERZONE - PHOENIX AREA ZONE CALLING RATE
MR	MULTIPLE RATE PERIOD - STARTS IN ONE RATE PERIOD, ENDS IN ANOTHER
N	DIAL NIGHT - DISCOUNT RATE
O	WEEKEND STATION - OPERATOR OR CALLING CARD - DISCOUNT RATE
R	RATE SAVER
S	WEEKEND PERSON - PERSON TO PERSON DISCOUNT RATE
SD	SPECIAL HOUR DISCOUNT
U	DAY DIALED AUTOMATIC DISCOUNT RATE
V	EVENING/NIGHT/WEEKEND DIALED - AUTOMATIC DISCOUNT RATE
W	EVENING/NIGHT/WEEKEND DIALED - REGULAR LOWER RATE
-	VOLUME DISCOUNT
##	CALLING CONNECTION PLAN

APPENDIX D – Tax and Surcharge Rules

Tax and Surcharge General Rules

DATE: 05-03-2001

Below are listed the various tax and surcharge types with their corresponding Type-ID and Jurisdiction-ID Codes.

CATEGORY	JURISDICTION	TYPE	TYP-ID	JURIS-ID
Tax	Federal	Tax	FET	0
Surcharge	Federal	Access Charges	FET	2
Surcharge	Federal	Universal Srvc Fund - Private Line	USF	0
Surcharge	Federal	Universal Srvc Fund	USF	1
Surcharge	Federal	Federal Surcharges	FET	3
Tax	State	Sales Tax	ST	1
Surcharge	State	911	911	1
Surcharge	State	Tel Relay Srvc	TRS	11
Surcharge	State	Tel Assist Plan	TAP	12
Surcharge	State	Universal Srvc Fund	USF	2
Surcharge	State	Surcharges	ST	5
Tax	City	Sales	ST	3
Tax	City	Agreement	AGRM	1
Tax	City	Occupation	OCC	3
Tax	City	Municipal	ST	6
Tax	Other	Utility	UTIL	1
Tax	Other	Franchise Tx	FRAN	3
Tax	Other	Local 911	911	5
Surcharge	Other	Srvc Protection	RSPF	13
Tax	Other	State and Local	ST	2
Tax	County	Tax	ST	2
Tax	County	District Sales	ST	4
Tax	County	Pass on Taxes	GRS	2
Tax	County	Gross Receipts	GRS	1
Tax	County	Bus Priv	GRS	34

¹ Telecommunications Relay Services

² Telephone Assistance Plan

³ Residential Service Protection Fund

⁴ Business Privilege