



# *VZ450*

# *Customer Specifications*

## *Version 23 Release 03*

## *Release Date 200717*

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# 1 General Description

## 1.1 Overview

The Verizon 450 Standard (VZ450) has been written to provide billing information in a standard format across the various Verizon billing systems across all Verizon jurisdictions. It is intended to provide a standard set of data record layouts and definitions so that users may receive and process the data in a standard fashion regardless of source system or jurisdiction.

This document represents the Customer Requirements Document (CRD) for the Verizon 450 Standard record format. It will be used for the gathering, consolidating and communicating of Verizon billing information throughout the Verizon footprint both internally and externally.

The data record layouts and field descriptions have been defined after consideration of current billing records, from multiple Verizon billing systems, customer requirements and requests made by users, both internal and external, for specific data. The Verizon 450 Standard is designed to be flexible in its application to meet the many variations of user needs.

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## **1.2 Document Format**

The remaining sections of this document provide information on the file description, data record specifications, application of records to lines of billing, data record layouts, data element definitions, tables of values and glossary of terms.

The Verizon 450 Standard provides information specific to the following:

- File Description
  - Physical Characteristics
  - File Organization
- Data Record Specifications
  - Record Layout Caption
  - Data Field Usage
- Applications
  - Record Usage
  - Simple and Complex Billing Arrangements
- Data Record Layouts, Definitions
  - Complete Record Definitions
  - Complete Record Layouts
  - Complete Sub Record Definitions
  - Complete Sub Record Layouts
- Reference
  - Data Elements
  - Record Reference
- Tables of Values

## 2 Data Record Specifications

### 2.1 General

This section lists the data records that make up the Verizon Magnetic Tape, describes the way in which the data layout format and captions are presented within this document, and gives general information about data usage. It also details which IT systems are creating which records and what fields they are populating. Consolidation of data efforts has made it necessary to document what each system is doing in order to present a true consolidated view to the “end user” of this file.

Sometimes the system which “owns” the account may not be the actual formatter of the Verizon 450 data. The originating system is captured here however in order to provide continuity and to document how the unique data elements within the originating system were cared for.

### 2.2 Record List

The following is a list of the primary data records available, and the Sub Records that accompany the primary records. Each of the data records has a 175 byte CAP containing account information. See section 5 for a detailed definition of each record.

The primary data records as produced by each system are as follows:

Record Number	Record Name	N Y/ N E	N P D	M D V W	C B S	eT	B O C O	S B B	C B S	D I S P A T C H 1	A R B O R - A S G	N B B E	V Z 4 5 0 G A T E W A Y	f M C I	f M C I	V E R I Z O N W I R E L E S S -

																			V I S I O N
00	Header	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
10	Summary	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
15	Summary Account/Invoice Listing	✓	✓	✓	✓	✓	✓	✓			✓	✓		✓	✓		✓	✓	-
16	Related Invoice Listing																	✓	-
17	Child Advice/Invoice Listing																	✓	-
20	Payment & Adjustment Detail	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓		✓	✓		✓	✓	✓
25	Current Charges Detail	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
26	Hierarchical Data Group Listing	-	-	-	-	-	-	-	-	-	-	✓		-	-		-	-	-
28	Invoice Ready Bill Detail	-	-	-	-	-	-	-	-	-	-	-	✓	-	-		-	-	-
29	Summarized Service Charges (non-derivable)													✓					-
30	Local Usage	✓	✓	✓	✓	✓	-	-	-	-	-	-	-	-	-	-	-	-	-
35	Calling Plan	✓	✓	✓	✓	✓	-	-	-	-	-	-	-	-	-	-	-	-	-
36	Rate Plan Usage Summary																✓		-
37	CABS Usage	-	-	✓	-	-	-	-	✓	-	-	-	-	-	-	-	-	-	-
38	Equipment Service Summary	-	-	-	-	-	-	-	-	-	-	-	-	-	-	✓	-	-	-
45	Directory Assistance	✓	✓	✓	✓	✓	-	-	-	-	-	-	-	-	-	-	-	-	-
50	Directory Advertising	✓	✓	✓	✓	✓	-	-	-	-	-	-	-	-	-	-	-	-	-
55	Tiered Rating Structure	✓	✓	✓	✓	✓	-	-	-	-	-	-	-	-	-	-	-	-	-
60	Itemized Call Detail	✓	✓	✓	✓	✓	✓	-	-	-	-	-	-	-	✓	-	-	-	-
61	International Call Detail	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	✓	-
62	Enhanced Usage Detail													-	✓	✓			-
63	Wireless Event Summary																		✓
65	OC & C Miscellaneous Detail	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	-	✓	✓			-
64	Conferencing Detail	-	-	-	-	-	-	-	-	-	-	-	-	-	✓	✓			-
67	Discounts and Promotions	-	✓	-	-	-	-	-	-	-	-	✓	-	-	-	-			-
68	Discounts and Promotions																✓		-
69	Contract Fulfillment Discount																✓		-
70	Bill Verification	✓	✓	✓	✓	✓	✓	✓	✓	*	✓	✓		✓	✓		✓	✓	-
71	Enhanced Bill Verification																✓	✓	-
72	Wireless Recurring and Non-Recurring Charge Details																		✓
73	SAP Credit/Debit Detail																		
75	Inter-Exchange Carrier Invoice Summary	✓	✓	✓	✓	✓	-	-	-	-	-	-	-	-	-	-	-	-	-

80	Complex Services	✓	✓	✓	✓	✓	-	-	-	-	-	-	-	-	-	-
85	Advanced Information Services	✓	✓	✓	*	✓	-	-	-	-	-	-	-	✓	-	-
95	Reference Data (new)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
97	International Invoice Reporting Summaries	-	-	-	-	-	-	-	-	-	-	-	-	-	✓	-
99	Trailer	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓



Additionally, there are several sub record types that may accompany the primary records. There may be multiple sub records behind a primary record. The 50 sub-record type data are for jurisdictional products and/or services that do not map well to any other record within the plan.

Sub Record Number	Type Data	Record Name	NY / NE	NP D	MD VW	CBSS	e T	BOBCO	SSB	CABS	DISPATCH 1	ARBOR - ASG	NBBE	f M C I	f M C I I N T E R N A T I O N A L	V E R I Z O N W I R E L E S S - V I S I O N
05		Late Payment Charge Date Listing	-	-	-	-	-	-	-	-	-	-	✓	-	-	-
10		Name & Address	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	-
11		Expanded Address	-	-	-	-	-	-	-	-	-	-	-	-	✓	✓
12		Unfielded Address	-	-	-	-	-	-	-	-	-	-	-	-	-	-
15		Summary Address Listing	-	-	-	-	-	-	-	-	-	-	✓	-	-	-
20		Text/FYI	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
21		Extended Phrase Text												✓		-
30		Tax Detail	✓	✓	✓	✓	✓	✓	✓	-	✓	✓	✓	-	✓	✓
31		Additional Tax Detail	-	-	-	-	✓	-	-	-	-	-	-	-	-	-
33		Tax Detail at Circuit Level												✓		-
40		Entity Contact Information	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
41		International/Expanded Entity Contact Numbers													✓	-

Sub Record Number	Type Data	Record Name	NY / NE	NP D	MD VW	CBSS	e T	BOBCO	SSB	CABS	DISPATCH 1	ARBOR - ASG	NBBE	f MCI	f MCI INTERNATIONAL	VERIZON WIRELESS - VISION
42		Entity Internet URL Information	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	-	✓	✓
50	001	State Regulatory Bucketing Data	-	-	-	✓	✓	-	-	-	-	-	-	-	-	-
50	002	Centrex Summary	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50	003	Listing of Invoice Points Added to a Summary Bill Arrangement	-	-	-	-	✓	-	-	-	-	-	-	-	-	-
50	004	Local Usage Optional Calling Plan business (Upstate NY only – includes Econopath)	✓	-	-	-	-	-	-	-	-	-	-	-	-	-
50	005	Local Usage Optional Calling Plan – Residence (Upstate NY only – includes Econopath)	✓	-	-	-	-	-	-	-	-	-	-	-	-	-
50	006	CPE Summary Account Listing	-	-	-	-	✓	-	-	-	-	-	-	-	-	-
50	007	Centrex Tax Detail	-	✓	-	-	-	-	-	-	-	-	-	-	-	-
50	008	Econopath (Downstate NY only)	✓	-	-	-	-	-	-	-	-	-	-	-	-	-
50	009	Adjustment Summary	-	-	-	-	-	-	-	-	-	-	-	✓	-	-
50	021	Home Region Discount (NY only)	✓	-	-	-	-	-	-	-	-	-	-	-	-	-
50	024	Virtual WATS (Toll Free Service – Downstate NY only)	✓	-	-	-	-	-	-	-	-	-	-	-	-	-

Sub Record Number	Type Data	Record Name	NY / NE	NP D	M D V W	C B S S	e T	B O B C O	S S B	C A B S	D I S P A T C H 1	A R B O R - A S G	N B B E	f M C I	f M C I	V E R I Z O N
50	027	Hotline Service – Intra-office usage (NY only)	✓	-	-	-	-	-	-	-	-	-	-	-	-	-
50	028	Hotline Service – Inter-office usage (NY only)	✓	-	-	-	-	-	-	-	-	-	-	-	-	-
50	061	Multi-Location Customized Netsaver (NE only)	✓	-	-	-	-	-	-	-	-	-	-	-	-	-
50	062	Customer Specific Pricing (CSP)	✓	-	-	-	-	-	-	-	-	-	-	-	-	-
50	063	Customer Specific Pricing (CSP) Aggregated	✓	-	-	-	-	-	-	-	-	-	-	-	-	-
50	064	Hosted IP Communications (HIPC) Master Summary Data	-	-	-	✓	-	-	-	-	-	-	-	-	-	-
50	065	Virtual Telephone Number for FiOS Voice	-	-	-	✓	-	-	-	-	-	-	-	-	-	-
50	100	Bill Section Detail	✓	✓	✓	✓	✓	✓	-	-	-	-	-	-	-	-
50	101	CABS Charge Detail Breakdown	-	-	-	-	-	-	-	✓	-	-	-	-	-	-
50	102	Access Billing late Payment Charge Detail	-	-	-	-	✓	-	-	-	-	-	-	-	-	-
50	103	HIPC Commitment View	-	-	-	-	-	-	-	-	-	-	✓	-	-	-
50	104	CABS Detail of Balance Due	-	-	-	-	-	-	-	✓	-	-	✓	-	-	-
50	105	CABS Plan Information Module	-	-	-	-	-	-	-	✓	-	-	-	-	-	-
50	106	Location Charge Summary	-	-	-	-	-	-	-	-	-	-	-	✓	✓	-
50	107	Custom Invoice Charge Detail Breakdown	-	-	-	-	-	-	-	-	-	-	-	-	✓	-

Sub Record Number	Type Data	Record Name	N Y / N E	N P D	M D V W	C B S S	e T	B O B C O	S S B	C A B S	D I S P A T C H 1	A R B O R - A S G	N B B E	f M C I	f M C I	V E R I Z O N
50	108	Rolled-Up Charges Information														✓ -
50	110	NBBE Generic Summary Line Information	-	-	-	-	✓	-	-	-	-	-	-	-	-	-
50	111	NBBE Sub-Account Information	-	-	-	-	✓	-	-	-	-	-	-	✓	✓	-
50	112	NBBE Plan Specific Discount Detail	-	-	-	-	✓	-	-	-	-	-	-	-	✓	-
50	113	Contract Fulfillment Contributing Account Detail	-	-	-	-	-	-	-	-	-	-	-	✓	-	-
50	200	Wireless Current Charges by Mobile Number	-	-	-	-	-	-	-	-	-	-	-	-	-	✓
50	201	Wireless Event Detail (Common Area)	-	-	-	-	-	-	-	-	-	-	-	-	-	✓
50	202	Wireless Event Detail	-	-	-	-	-	-	-	-	-	-	-	-	-	✓
50	203	Wireless Services Shared Plan Summary	-	-	-	-	-	-	-	-	-	-	-	✓	-	-
50	204	Invoice Reporting Summaries	-	-	-	-	-	-	-	-	-	-	-	-	-	✓
50	205	Wireless Transaction Detail	-	-	-	-	-	-	-	-	-	-	-	-	-	✓
50	206	Wireless Share Group MTN Summary	-	-	-	-	-	-	-	-	-	-	-	-	-	✓
50	207	Wireless M2M Current Charges Summary by Plan Name	-	-	-	-	-	-	-	-	-	-	-	-	-	✓
50	208	Wireless M2M Current Charges Summary by Plan Name by MTN	-	-	-	-	-	-	-	-	-	-	-	-	-	✓

Sub Record Number	Type Data	Record Name	N Y / N E	N P D	M D V W	C B S S	e T	B O B C O	S S B	C A B S	D I S P A T C H 1	A R B O R - A S G	N B B E	f M C I	f M C I I N T E R N A T I O N A L	V E R I Z O N W I R E L E S S - V I S I O N
50	209	Wireless M2M Charges and Usage Summary by Plan Name	-	-	-	-	-	-	-	-	-	-	-	-	-	✓
50	210	Wireless M2M Overage Details	-	-	-	-	-	-	-	-	-	-	-	-	-	✓
50	301	Conferencing Event	-	-	-	-	-	-	-	-	-	-	-	✓	✓	-
50	302	Conferencing Event	-	-	-	-	-	-	-	-	-	-	-	✓	✓	-
50	303	NextGen Billing Solution Specification	-	-	-	-	-	-	-	-	-	-	-	-	✓	-
50	304	NextGen Billing Product Specification	-	-	-	-	-	-	-	-	-	-	-	-	✓	-
50	305	Next Gen Billing EMEA Supplemental Data	-	-	-	-	-	-	-	-	-	-	-	-	✓	-
50	710	Component Data	-	-	-	-	-	-	-	-	-	-	-	✓	-	-
50	900	Generic Data Summary Headings	-	-	-	✓	-	-	-	-	-	-	-	✓	-	-
50	910	Generic Data Summary by Code												✓	-	-
50	915	Generic Data Summary by Literal	-	-	-	✓	-	-	-	-	-	-	-	✓	-	-
50	916	Generic Data Summary by Literal with Variables														-
50	917	Generic Data Summary by Literal (One Level Array)	-	-	-	✓	-	-	-	-	-	-	-	-	-	-
60		Additional Discount Detail	✓	✓	✓	✓	✓	-	-	-	-	-	-			-

## 2.2.1 Record Lengths

Every record within the plan has a 175-byte record cap of common information. The minimum and maximum record lengths for each variable blocked record are specified as follows.

Record Number	Record Name	Minimum Record Length	Maximum Record Length
	CAP	175	175
00	Header	225*	355
10	Summary	467	467
15	Summary Account/Invoice Listing	207*	537
16	Related Invoice Listing	332*	537
17	Child Advice/Invoice Listing	217*	537
20	Payment & Adjustment Detail	339	339
25	Current Charges Detail	204*	459
26	Hierarchical Data Group Listing	248	458
28	Invoice Ready Bill Detail	308	308
29	Summarized Service Charges (non-derivable)	365**	365
30	Local Usage	511**	511
35	Calling Plan	387	387
36	Rate Plan Usage Summary	446	446
37	CABS Usage	452	452
38	Equipment Service Summary	239*	925
45	Directory Assistance	273	273
50	Directory Advertising	311	311
55	Tiered Rating Structure	379*	469
60	Itemized Call Detail	475	475
61	International Call Detail	1328	1328
62	Enhanced Usage Detail	431	431
63	Wireless Event Summary	337	337
64	Conferencing Detail	410	410
65	OC & C Miscellaneous Detail	460	460
67	Discounts and Promotions	294	294
68	Discounts and Promotions	295	295

Record Number	Record Name	Minimum Record Length	Maximum Record Length
69	Contract Fulfillment Discount	249*	582
70	Bill Verification	482*	832
71	Enhanced Bill Verification	717*	780
72	Wireless Recurring and Non-Recurring Charge Details	319	319
73	SAP Credit/Debit Detail	975	975
75	Inter-Exchange Carrier Invoice Summary	475	475
80	Complex Services	501**	501
85	Advanced Information Services	363	363
95	Reference Data (new)	346	346
97	International Invoice Reporting Summaries	546	546
99	Trailer	428	428

Sub Record Number	Type Data	Record Name	Minimum Record Length	Maximum Record Length
05		Late Payment Charge Date Listing	191*	345
10		Name & Address	355	355
11		Expanded Address	744	744
12		Unfielded Address	971	971
15		Summary Address Listing	222*	717
20		Text/FYI	452	452
21		Extended Phrase Text	380	380
30		Tax Detail	223*	443
31		Additional Tax Detail	297	297
33		Tax Detail at Circuit Level	245*	323
40		Entity Contact Information	252*	1289
41		International/Expanded Entity Contact Numbers	252*	1459
42		Entity Internet URL Information	248*	401
50	001	State Regulatory Bucketing Data	290	290
50	002	Centrex Summary	226	226
50	003	Listing of Invoice Points Added to a Summary Bill Arrangement	210*	610

Sub Record Number	Type Data	Record Name	Minimum Record Length	Maximum Record Length
50	004	Local Usage Optional Calling Plan business (Upstate NY only – includes Econopath)	399**	399
50	005	Local Usage Optional Calling Plan – Residence (Upstate NY only – includes Econopath)	398**	398
50	006	CPE Summary Account Listing	232*	804
50	007	Centrex Tax Detail	200	200
50	008	Econopath (Downstate NY only)	286	286
50	009	Adjustment Summary	203*	2708
50	021	Home Region Discount (NY only)	259	259
50	024	Virtual WATS (Toll Free Service – Downstate NY only)	471	471
50	026	Wide Area Centrex	274**	274
50	027	Hotline Service – Intra-office usage (NY only)	335	335
50	028	Hotline Service – Inter-office usage (NY only)	335*	335
50	061	Multi-Location Customized Netsaver (NE only)	212	212
50	062	Customer Specific Pricing (CSP)	448**	448
50	063	Customer Specific Pricing (CSP) Aggregated	190*	330
50	064	HIPC Master Summary Data	233	233
50	065	Virtual Telephone Number for FiOS Voice	201*	291
50	100	Bill Section Detail	180*	465
50	101	CABS Charge Detail Breakdown	180*	450
50	102	Access Billing late Payment Charge Detail	242	242
50	103	HIPC Commitment View	319**	319
50	104	CABS Detail of Balance Due	241	241
50	105	CABS Plan Information Module	239	239
50	106	Location Charge Summary	546**	546
50	107	Custom Invoice Charge Detail Breakdown	210*	480
50	108	Rolled-Up Charges Information	206*	570
50	110	National Bill Summary of Current Charges by Classification Code	199*	623
50	111	NBBE Sub-Account Information	252*	1212
50	112	NBBE Plan Specific Discount Detail	451	451
50	113	Contract Fulfillment Contributing Account	217*	920
50	200	Wireless Current Charges by Mobile Number	385*	640
50	201	Wireless Event Detail (Common Area)	368	368
50	202	Wireless Event Detail	332	332



Sub Record Number	Type Data	Record Name	Minimum Record Length	Maximum Record Length
50	203	Wireless Services Shared Plan Summary	304	304
50	204	Invoice Reporting Summaries	957	957
50	205	Wireless Transaction Detail	470	470
50	206	Wireless Share Group MTN Summary	427	427
50	207	Wireless M2M Current Charges Summary by Plan Name	418*	561
50	208	Wireless M2M Current Charges Summary by Plan Name by MTN	468*	611
50	209	Wireless M2M Charges and Usage Summary by Plan Name	461	461
50	210	Wireless M2M Overage Details	578	578
50	301	Conferencing Event	707	707
50	302	Conferencing Event	1157	1157
50	303	NextGen Billing Solution Specification	368	368
50	304	NextGen Billing Product Specification	361*	1720
50	305	Next Gen Billing LATAM Supplemental Data	801	801
50	710	Component Data	508*	578
50	900	Generic Data Summary Headings	259*	1380
50	910	Generic Data Summary by Code	227*	437
50	915	Generic Data Summary by Literal	467*	752
50	916	Generic Data Summary by Literal with Variables	697*	907
50	917	Generic Data Summary by Literal (One Level Array)	255*	540
60		Additional Discount Detail	231*	403
		Table of Values		

\* Denotes a record that has an array at the end of the record. Length varies based on number occurrences populated at the end of the record.

\*\* Denotes a record that has an array embedded within the record which does not impact the record's length. The occurrences of the array are populated depending on the array's accompanying occurrence count field.

### 2.3 Record Layout Caption

The following is a general description of the format and captions used in defining the various data records.

CTR	Provides a reference number to identify a field within a record
Field Name	A listing of the fields associated with the record. Fields whose value represent a monetary or currency amount are indicated by including '- \$' as part of the field name. The use of the \$ does not restrict the field to USD currency only
PIC	Specifies the data type and length.  X = Alphanumeric 9 = Numeric S = Signed Numeric V = Decimal position within field
POS	Position of field within record. <i>NOTE: When data fields are repeated for multiple occurrences of similar data, only the positions for the first occurrence of the data field are shown in the documentation.</i>
ATTR	The display characteristics or attributes of the field. <i>(NOTE: GRP signifies Group Level, which is then broken down into its component fields).</i>  <u>First Position (Type)</u> X = Alphanumeric 9 = Numeric S = Signed Numeric  <u>Second Position (Usage)</u> D = Display  <u>Third Position (Justification)</u> L = Left Justified R = Right Justified
Descriptions/Values	Describes the use or contents of the field. If a specific value occurs in a field, the valid values are noted.
Rev	Revision indicator. "" Will appear when format and/or documentation have changed.
@	Denotes fields that may repeat multiple times within an array.

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## 2.4 Data Field Usage

Certain constraints must be adhered to when data is or is not entered into the fields. The following describes the characteristics or usage of data fields.

Required Fields	All fields are now <b>REQUIRED</b> . If a particular data item is available in the source billing system or appears on the paper bill or CSR it is required that the source billing system populate the data element.
Optional Fields	No longer applicable. All fields are now <b>REQUIRED</b> .
Date Fields	Most date fields are in Gregorian format. When used, format is YYMMDD.
Default/Initialization Values	Alphanumeric fields (PIC X) will be set to blanks/spaces <b>unless otherwise noted</b> . Numeric or signed numeric (PIC 9 or PIC S9) will be set to zero <b>unless otherwise noted</b> .
Sign of Signed Numeric Fields	Any charge that results in an increase to the amount owed by the customer will be entered as a positive number.  Any credit that results in a decrease to the amount owed by the customer will be entered as a negative number, <i>with the exception of Exchange Message Interface data in records 60 and 75</i> . Negative amounts/credits in these records are not signed and will appear to be a positive number.
Formatting of Fields Containing Service Marks	The Service Mark will immediately follow the product name it references, and will be bracketed by parenthesis. Example: Verizon Essentials(sm)  Each type of Service Mark will have a unique abbreviation: Service Mark = (sm) Trade Mark = (tm) Registered Mark = (R)  The receiving system may either display the marks exactly as received or may parse the date to convert the contents of the parentheses to superscript. Example: Verizon Essentials <sup>SM</sup>  If there are other such marks, they should be formatted in the same manner, but must be individually documented here.

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Reserved	Reserved fields are optional and the Business Client will determine their use. All reserved fields will be set to blanks/spaces as a default value.
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Note - Exceptions to the above may occur when it is required to include records derived from other sources such as the Order and Billing Forum's (OBF) Exchange Message Interface (EMI) standard. In these cases the 'foreign' record will be inserted 'as received' from the outside source. Descriptions, content, initialization, etc. of the inserted portion is governed by the record's provider.

### 3 Applications

#### 3.1 General

This section relates various sections of current telephone bills to the applicable data records. The data records are generally self-explanatory as to their usage. The record sequence follows the record identification pattern of Level, Number, Sub record Number, and Sequence.

#### 3.2 Record Usage

The following example illustrates the Verizon 450 Standard (VZ450) account representation provided to a customer on magnetic tape. The VZ450 provides the customer enough information to effectively duplicate the bill and related supporting documentation on various forms of electronic media. It is a full implementation where the VZ450 billing information can replace the paper bill. However until full deployment the printed bills remain the official “bill of record”.

The VZ450 is designed with enough flexibility to allow for the provisioning of any level of detail requested by the customer within the capabilities of the billing systems.

#### 3.3 Verizon 450 Bill Data Structures

In this example, the Master Account Number (MAN) has four (4) Billed account numbers, a Business line, PBX system with two (2) different billers providing service, Key System, and Centrex service. The Summary Record (1000) contains the total charges for all the services combined. The Summary Account Listing Record contains the Billed Account Number for each of the services, with their respective total charges. The remaining records are supporting detail for the billed accounts.

Please note that even though this example shows how the data may come in, there are additional rules shown in the sort sequence section (4.6) that will assist in how you can present the data.

MAN	BAN	Record ID**, Text, Overflow	Record Type	Information
212 555 0000	000 000 0000	0 00 00 0000 0 0	Header	Header Label
212 555 0000	000 000 0000	0 00 00 0010 0 0	Name and Address	Shipping Name/Address (new)
212 555 0000	000 000 0000	0 00 00 0020 0 0	Text/FYI	FYI Information (new)
<b>212 555 0000</b>	<b>212 555 0000</b>	1 10 00 0000 0 0	Summary	Master Account bill face page
212 555 0000	212 555 0000	1 10 10 0001 0 0	Name and Address	Bill Name/Address
212 555 0000	212 555 0000	1 10 10 0002 0 0		Listed Name/Address
212 555 0000	212 555 0000	1 10 10 0001 0 0		Billing Entity Name/Address
212 555 0000	212 555 0000	1 15 00 0000 0 0	Summary Account List	Billed Account numbers & charges
212 555 0000	212 555 0000	1 20 00 0000 0 0	Payment & Adjustment	Summary of Payments and Adjustments
212 555 0000	212 555 0000	1 25 00 0000 0 0	Current Charges	Summary of Current Charges
212 555 0000	212 555 0000	1 25 40 0000 0 0	Entity Contact Info	Contact Tel#'s
<b>212 555 0000</b>	<b>212 555 0000</b>	1 65 00 0000 0 0	OC&C	OC&C/Misc Charge

				Start of the Billed Account Numbers (BAN)
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<b>212 555 0000</b>	<b>212 555 1111</b>	5 10 00 0000 0 0	Summary	Billed Account bill face page
212 555 0000	212 555 1111	5 10 10 0001 0 0	Name and Address	Bill name and address
212 555 0000	212 555 1111	5 10 10 0002 0 0		Service Address
<b>212 555 0000</b>	212 555 1111	5 20 00 0000 0 0	Payment & Adjustment	Payment & Adjustment details

				The next set of records – 2500 through 7000 are driven by the entity code. This particular example shows only one biller's set of charges.
212 555 0000	212 555 1111	5 25 00 0000 1 0	Current Charges	Total billed account charges by Entity
212 555 0000	212 555 1111	5 25 20 0001 0 0	Text/FYI	Text comments about charges
212 555 0000	212 555 1111	5 25 20 0002 0 0		
212 555 0000	212 555 1111	5 25 30 0001 0 1	Tax Detail	Tax detail related to charges
212 555 0000	212 555 1111	5 25 30 0002 0 0		
212 555 0000	212 555 1111	5 25 40 0000 0 0	Entity Contact Info	Contact Tel#'s
212 555 0000	212 555 1111	5 30 00 0000 0 0	Local Usage	Local usage charges
<b>212 555 0000</b>	212 555 1111	5 35 00 0000 0 0	Calling Plan	Optional calling plan usage
<b>212 555 0000</b>	212 555 1111	5 45 00 0000 0 0	Directory Assistance	Dir assistance usage & charges
212 555 0000	212 555 1111	5 45 20 0000 0 0	Text/FYI	Text describing directory assistance allowance
212 555 0000	212 555 1111	5 50 00 0000 0 0	Directory Advertising	Dir advertising books and charges
<b>212 555 0000</b>	212 555 1111	5 60 00 0000 0 0	Itemized Call Detail	Toll call detail
<b>212 555 0000</b>	212 555 1111	5 60 00 0010 0 0		
212 555 0000	212 555 1111	5 60 00 0020 0 0		
212 555 0000	212 555 1111	5 60 00 0030 0 0		
<b>212 555 0000</b>	212 555 1111	5 60 30 0031 0 0	Tax Detail	Tax on associated call record
212 555 0000	212 555 1111	5 65 00 0000 1 0	OC&C/Misc Detail	OC&C statement
212 555 0000	212 555 1111	5 65 20 0001 0 0	Text/FYI	OC&C phrase
212 555 0000	212 555 1111	5 65 20 0002 0 0		
212 555 0000	212 555 1111	5 65 30 0000 0 0	Tax Detail	OC&C tax
212 555 0000	212 555 1111	5 70 00 0000 0 0	Bill Verification	Service & Equipment (i.e. IMB)

MAN	BAN	Record ID**, Text, Overflow	Record Type	Information
				The next example shows a account with two different billers.
212 555 0000	<b>212 555-2222</b>	5 10 00 0000 0 0	Summary	Billed Account bill face page
<b>212 555 0000</b>	<b>212 555 2222</b>	<b>5 25 00 0000 1 0</b>	<b>Current Charges</b>	<b>Total billed account charges by Entity code 0698</b>
212 555 0000	212 555 2222	5 25 20 0001 0 0	Text/FYI	Text comments about charges
212 555 0000	212 555 2222	5 25 20 0002 0 0		
212 555 0000	212 555 2222	5 25 30 0001 0 1	Tax Detail	Tax detail related to charges
212 555 0000	212 555 2222	5 25 30 0002 0 0		
212 555 0000	212 555 2222	5 25 40 0000 0 0	Entity Contact Info	Contact Tel#'s
212 555 0000	212 555 2222	5 30 00 0000 0 0	Local Usage	Local usage charges
<b>212 555 0000</b>	212 555 2222	5 35 00 0000 0 0	Calling Plan	Optional calling plan usage
<b>212 555 0000</b>	212 555 2222	5 60 00 0000 0 0	Itemized Call Detail	Toll call detail
<b>212 555 0000</b>	212 555 2222	5 60 00 0010 0 0		
212 555 0000	212 555 2222	5 60 00 0020 0 0		
212 555 0000	212 555 2222	5 60 00 0030 0 0		
<b>212 555 0000</b>	212 555 2222	5 60 30 0031 0 0	Tax Detail	Tax on associated call record
212 555 0000	212 555 2222	5 65 00 0000 1 0	OC&C/Misc Detail	OC&C statement
212 555 0000	212 555 2222	5 65 20 0001 0 0	Text/FYI	OC&C phrase

MAN	BAN	Record ID**, Text, Overflow	Record Type	Information
212 555 0000	212 555 2222	5 65 20 0002 0 0		
212 555 0000	212 555 2222	5 65 30 0000 0 0	Tax Detail	OC&C tax
212 555 0000	212 555 2222	5 70 00 0000 0 0	Bill Verification	Service & Equipment (i.e. 1MB)
<b>212 555 0000</b>	<b>212 555 2222</b>	<b>5 25 00 0000 1 0</b>	<b>Current Charges</b>	<b>Total billed account charges by Entity code 0222</b>
212 555 0000	212 555 2222	5 25 20 0001 0 0	Text/FYI	Text comments about charges
212 555 0000	212 555 2222	5 25 20 0002 0 0		
<b>212 555 0000</b>	212 555 2222	5 60 00 0000 0 0	Itemized Call Detail	Toll call detail
<b>212 555 0000</b>	212 555 2222	5 60 00 0010 0 0		
212 555 0000	212 555 2222	5 60 00 0020 0 0		
212 555 0000	212 555 2222	5 60 00 0030 0 0		
<b>212 555 0000</b>	212 555 2222	5 60 30 0031 0 0	Tax Detail	Tax on associated call record

<b>212 555 0000</b>	<b>212 555-3333</b>	5 10 00 0000 0 0	Summary	Billed Account bill face page
212 555 0000			<i>(Similar repeat of previous billed account records)</i>	
212 555 0000	<b>212 555-4444</b>	5 10 00 0000 0 0	Summary	Billed Account bill face page
212 555 0000			<i>(Similar repeat of previous billed account records)</i>	
212 555 0000	<b>999 999 9999</b>	9 99 99 0001 0 1	Trailer	Trailer label data
212 555 0000	<b>999 999 9999</b>	9 99 99 0002 0 1		

\*\*The Record Identification is comprised of the Record Level, Record Number, Sub Record Number and Sequence Number fields.

Helpful Hint – Think of the VZ450 as a series of stairs. From the highest steps, you descend into the depths of detail.

10/00  
15/00's  
20/00's  
|

25/00 Entity code 0698				25/00 Entity code 9129	25/00 Entity code 0288 Invoice Billing ind=I
26/00					
30/00	Summary	0/00		65/00	75/00 015127's
30/00	Level code/ Inclusion code	0/20	PPC RC	70/00	75/00 810101's
	60 records related to this plan if applicable	Inc for bal= 1	PPC RC		
35/00	Summary	0/00	PPC CT		
35/00	Level Code/ Inclusion code	0/20	PPC CT		
	60 records related to this plan	Inc for bal= 1	PPC CT		
45/00					
50/00					
##					
55/00	Summary	0/00	PPC 8V		
55/00	Level Code/ Inclusion code	0/20	PPC 8V		
	60 records related to this plan	Inc for bal= 1	PPC 8V		
60/00	Include for bal= 0 (fully rated calls)		PPC not set		
65/00					
70/00					
80/00	Summary	0/00			
##					
80/00	Level Code/ Inclusion code	1/20	PPC PS		
	60/00 records related to this plan	Inc for bal= 1	PPC PS		
85/00	Summary	0/00	PPC A7		
85/00	Level Code/ Inclusion code	0/20	PPC A7		
	60/00 records related to this plan	Inc for bal= 1	PPC A7		

PPC = Pricing Plan Code  
## 80/00 records drill down to the Feature Level



The actual presentations of charges and supporting information may vary since there are numerous bill presentations across the Verizon footprint. The following depicts a sample presentation of Local Usage charges and its supporting information.

Local Usage (30xx)

Billed Account Number	Record ID, Text, Overflow	Record Type	Information
212 555 1111	5 30 00 0000 1 0	Local Usage	Local usage charges
	5 30 20 0001 0 1	Text/FYI	Text comments about charges
	5 30 20 0000 0 0		Additional detail related to
	5 30 50 0002 0 0	Local Use	Supporting Detail
	5 30 60 0000 0 0	Additional Detail	Additional detail related to discounts, surcharges, etc.

**3.4 Record Continuation**

Where permitted, records may 'overflow' to additional records of the same type and same key characteristics. The 'Overflow Indicator' (CAP portion, cc-58) is set to '1' if this record continues. The last 'continued' record contains 'b' in the 'Overflow Indicator'.

The following records may have continuations \*.

Record Number	Record Name
1500	Summary Account/Invoice Listing
2500	Current Charges Detail
2600	Hierarchical Data Group Listing
3000	Local Usage
3500	Calling Plan
3700	CABS Usage
5500	Tiered Rating Structure
7000	Bill Verification
8000	Complex Services
8500	Advanced Information Service (new)
9999	Trailer
xx05	Late Payment Charge Date Listing
xx10	Name & Address
xx15	Summary Account Listing
xx20	Text/FYI*
xx30	Tax Detail
xx40	Entity Contact Information
xx42	Entity Internet URL Information
xx50	Jurisdiction/Product Detail
xx60	Additional Discount Detail

\*65/20 records for provider miscellaneous charges and credits (charge code 1800) will never overflow.

The following records are never continued \*:

Record Number	Record Name
0000	Header
1000	Summary
2800	Invoice Ready Bill Detail
4500	Directory Assistance
5000	Directory Advertising
6000	Itemized Call Detail
6100	International Call Detail
6500	O C & C Miscellaneous Details
6700	Discounts and Promotions
7500	Inter-exchange Carrier Invoice
9500	Reference Data
xx31	Additional TaxDetail

- *Additional supporting tax and/or usage information, messages, text, etc. may follow with appropriate sub record type.*

### **3.5 Text/FYI Usage**

Text/FYI records (xx20) may appear following any complete Type or Subtype record.

### 3.6 Sort Criteria

All records and sub-records in the file will be sorted in order of the following fields in the CAP portion of each record.

1. Master Billing Account Number field
2. Record Level field
3. Billing Account Number field
4. Entity Presentation Sequence Number
5. Entity Code Field
6. Record Number field
7. Sub Record Number field
8. Sequence Number field

For bills that include multiple entities including the Verizon LEC, the records for the Verizon LEC entity (00698) must always appear first.

Exceptions to this rule are as follows:

For Hosted IP Communications (HIPC), bills are rendered in which there may be both a VSSI and LEC component. Since VSSI is the primary carrier the record for entity 06953 will come before the records for entity 00698. An example follows:

Paper Bill:

#### Summary of Current Charges

This summary is for informational purposes only.

- **Verizon Select Services Inc.**

Description	Page	Amount
Current Month Charges	4	9373.47
Tax, Surcharges and Other Fees	7	173.18
Service and Equipment Information	8	
Management Reports	11	
<b>Total Verizon Select Services Inc.</b>		<b>\$9546.65</b>

- **Verizon.**

Bill Section	First Page	Calls	Minutes	Amount
Monthly Charges	9			500.00
Additions and Changes to Service(s)	9			150.00
Tax, Surcharges and Other Fees	9			10.00
Services and Equipment Information	10			
<b>Total Verizon Current Charges.</b>				<b>\$510.00</b>

**Total Summary of Current Charges** **\$10,046.65**

Flow of Vz450 records to support the above scenario:

Record-ID	Entity-CD
00/00	
10/00	06953
10/10	06953
25/00	06953
25/20	06953
25/40	06953
65/xx	06953
70/xx	06953
25/00	00698
25/20	00698
25/40	00698
65/xx	00698
70/xx	00698
99/00	

The ENTITY PRESENTATION SEQUENCE NUMBER field on the CAP will be ‘2’ for all records in this scenario.

The TOTAL CARRIER CHARGES field on the 10/00 record will reflect the Verizon LEC charges.

Entity Presentation Sequence Number will be added to the CAP to enable sorting by entity type (Verizon LEC, Verizon Affiliates, PIC Carrier, All Other Carriers including Verizon LD) in order to denote entity presentation rules for the paper bill associated with the Enhancing the Customer Bill Experience Project. For example, the Verizon local entity records would all be assigned Entity Presentation Sequence Number 01. All Verizon affiliate entities (except Verizon Long Distance) would be assigned Entity Presentation Sequence Number 02. PIC Carrier (long distance) entities would be assigned Entity Presentation Sequence Number 03. All Other Telecommunications charges entities would be assigned Entity Presentation Sequence Number 04.

Within each Entity Presentation Sequence Number, all records would be sorted by entity.

See example below.

MAN	Record Level	BAN	Entity Presentation Sequence Code	Entity code	Record/ Sub record #
212XXX08350001	5	2125551000001	01	00698	1000
212XXX08350001	5	2125551000001	01	00698	2500
212XXX08350001	5	2125551000001	02	09129	2500
212XXX08350001	5	2125551000001	03	09071	2500
212XXX08350001	5	2125551000001	04	00222	2500
212XXX08350001	5	2125551000001	04	00288	2500

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### ***3.7 Sequencing***

Records are sequenced within the file as follows.

The first record for a Summary Bill master account or stand-alone account contains sequence number 00000001.

The sequence number for each subsequent record within the Summary Bill master or stand-alone account is incremented by 1.

## 4 Data Record Layouts, Definitions

### 4.1 General

The following information contains the detail record layouts with their accompanying data elements, definitions, and values.

Minimum records to be produced of each type of account are as follows.

**Stand Alone Accounts - An example of this would be a Centrex account.**

Number of Records	Record Number	Record Name	Comments
1	0000	Header	
1 OR >	1000	Summary	Can have multiple records (not continued) for non-balance forward type billing systems.
2	1010 or 1011 or 1012	Name and Address	(1) 1010 – Billing Name and Address (1) 1010 – Payment Name and Address NOTE: A 10/10 record for Payment Name and address may not be created when a customer subscribes to the direct debit option.
1	2500	Current Charges Detail	Must have at least one 2500 record per entity even if current charges are \$0.00 (1 occurrence of charge code 0100 \$0.00)
1	2540 or 2541	Entity Contact Information or International/Expanded Entity Contact Numbers	Must have a 2540 (domestic entity) or 2541 (international entity) for every 2500 record.
1	9999	Trailer	

### Summary Bill Master Accounts/Merged Billing Master Accounts/Parent Accounts

Number of Records	Record Number	Record Name	Comments
1	0000	Header	
1	1000	Summary	
2	1010 or 1011 or 1012	Name and Address	(1) 1010 – Billing Name and Address (1) 1010 – Payment Name and Address NOTE: A 10/10 record for Payment Name and address may not be created when a customer subscribes to the direct debit option.
1 OR >	1500	Summary Account/Invoice Listing	NOTE: A 15/00 record is only produced for master accounts that have subordinate accounts. For a master account to which no subordinate accounts are attached a 15/00 record is NOT produced.

Number of Records	Record Number	Record Name	Comments
1	2500	Current Charges Detail	Must have at least one 2500 record per entity even if current charges are \$0.00 (1 occurrence of charge code 0100 \$0.00)
1	2540 or 2541	Entity Contact Information	Must have a 2540 (domestic entity) or 2541 (international entity) for every 2500 record.
1	9999	Trailer	

**Summary Bill Master Sub Accounts/Merged Billing Subordinate Accounts/Child Accounts**

Number of Records	Record Number	Record Name	Comments
1 OR >	1000	Summary	Can have multiples (not continued) for non-balance forward type billing systems.
2	1010 or 1011 or 1012	Name and Address	(1) 1010 – Billing Name and Address NOTE: A 1010 record for Billing Name and Address and/or Payment Name and Address may not be created for subordinate accounts where address information is not retained at the subordinate account level. (1) 1010 – Payment Name and Address NOTE: A 10/10 record for Payment Name and address may not be created when a customer subscribes to the direct debit option.
1	2500	Current Charges Detail	Must have at least one 2500 record per entity even if current charges are \$0.00 (1 occurrence of charge code 0100 \$0.00)
1	2540 or 2541	Entity Contact Information or International/Expanded Entity Contact Numbers	Must have a 2540 (domestic entity) or 2541 (international entity) for every 2500 record.

Charge Codes that appear by record type are as follows.

Record Number	Associated Charge Code(s) (appears in CAP)
0000	N/A
1000	N/A
1005	N/A
1010	N/A
1011	N/A
1020	N/A
1030	N/A
1050	N/A

Record Number	Associated Charge Code(s) (appears in CAP)
1500	N/A
1515	N/A
2000	N/A
2510	N/A
2500	N/A
2520	N/A
2530	N/A
2531	N/A
2540	N/A
2542	N/A
2550	N/A
2600	N/A
2800	N/A
2900	0110, 0120, 0400, 0450, 0850, 1200
3000	0500, 0700, 0705, 0710, 0725, 0806
3020	0700, 0705, 0710, 0725
3050	0700, 0705, 0710, 0725
3060	0700, 0705, 0710, , 0725
3500	0200, 0500, 0600, 0700, 0705, 0710, 0725, 0800, 0806, 0900, 1410, 1605
3520	0500, 0700, 0705, 0710, 0725, 0800. 0806
3550	0500, 0700, 0705, 0710, 0725
3560	0500, 0700, 0705, 0710, 0725
3600	0200, 0500, 0600, 0700, 0705, 0710, 0725, 0800, 0806, 0900, 1410, 1605
3620	0500, 0700, 0705, 0710, , 0725, 0800. 0806
3650	0500, 0700, 0705, 0710, 0725
3660	0500, 0700, 0705, 0710, 0725
3700	0350
3720	0350
3800	0110, 0120, 0400, 0450, 0850
4500	0900, 0500
4520	0900, 0500
4560	0900, 0500
5000	0600



Record Number	Associated Charge Code(s) (appears in CAP)
5020	0600
5060	0600
5500	0500
5520	0500
5560	0500
6000	0500, 0700, 0705, 0710, 0725, 0806, 0900, 1605
6020	0500
6060	0500
6100	0500
6200	0500, 0530, 0700, 0705, 0710, 0725, 0806, 0851, 0854, 0855, 0857, 0900, 1605, 1606, 1608, 2005, 2006
6220	0500
6260	0500
6300	1932, 1944
6500	0110, 0120, 0200, 0345, 0400, 0500, 0570, 0850, 0920, , 1201, 1365, 1800
6510	0400
6520	0120, 0345, 0400, 0570
6530	1260
6560	0400
6700	0801, 0802, 0803, 0804, 0805, 0850, 1510
6720	0850
6750	0850
6800	0801, 0802, 0803, 0804, 0805, 0850, 1510
6820	0850
6850	0850
6900	0801, 0802, 0803, 0804, 0805, 0850, 0851, 1510
6920	0850, 0851
6950	0850, 0851
7000	0110, 0200, 0340, 500, 0570, 1410
7010	0200, 0340, 0570, 1410
7020	0200, 0340, 0570 1410
7030	1270
7050	0200
7100	0110, 0111, 0120, 0121, 0130, 0200, 0345, 0400, 0410, 0450, 0460, 0500, 0530, 0531, 0532, 0534,

Record Number	Associated Charge Code(s) (appears in CAP)
	0570, 0700, 0850, 0851, 0853, 0854, 0855, 0857, 1201, 1365, 1550, 1605, 1606, 1607, 1608, 1800, 1850, 1851, 1852, 1853, 1854, 1855, 1856, 1857, 1858, 1859, 1860, 1861, 1862, 1863, 1876, 1877
7110	0200, 0340, 0570, 1410
7120	0200, 0340, 0570, 1410
7130	1270
7150	0200
7200	1931, 1932, 1933, 1934, 1937, 1939, 1940, 1941, 2004
7500	0500, 0510, 0550, 0570, 0600, 0700
8000	0500, 0550, 0700, 1605
8020	0500, 0700, 1605
8060	0500, 0700, 1605
8500	0500, 0700
8520	0500
8560	0500
9400	N/A
9500	N/A
9600	N/A
9700	0500
9999	N/A

## 4.2 CAP

This is a 175 byte CAP that will be the first 175 characters of all the records. The information contained in it is common to all records, but field values may vary. A 'CAP' is created by the first occurrence of a Master Account Number. If the account does not have a Master Account Number the Billing Account number is used to populate the Master Account Number.

The following fields may be amended during processing:

- Record Level/Number/Sub Record Number/Sequence Number
- Working Telephone Number
- Text/Overflow Indicator
- Page Number/Item Number
- Bill Date
- Entity Code
- Associated Charge Code
- Associated Billing Account Number

CTR	CAP Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
1	Record Length	9(4)	1-4	9DR	Must ALWAYS be populated with a valid record length.	
	Record Identification		5-17	GRP	Includes 4 elements: Record Level, Record Number, Sub-record Number, and Sequence Number.	
2	Record Level	9(1)	5	9DR	A field defining a summary level record versus an account level record. Must ALWAYS be populated with a valid value from the list below. Cannot default to zeroes. Valid values: 0 = Header 1 = Summary 2 = Combined Remit and Reporting Summary 5 = Account (Summary Billed Sub Account, Invoice Point, Stand Alone Account, or Merged Billing Component). MAN and BAN must be populated for account-level messages to ensure proper sorting. 9 = Trailer	

C T R	CAP Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
					On the file level 99/00 record the Record Level should be populated with zero.	
3	Record Number	9(2)	6-7	9DR	<p>This identifies the primary record type.  Must ALWAYS be populated with a valid value from the list below.  Valid values:</p> <ul style="list-style-type: none"> <li>00 = Header</li> <li>10 = Summary</li> <li>15 = Summary Account Listing</li> <li>16 = Related Invoice Listing</li> <li>17 = Child Advice/Invoice Listing</li> <li>20 = Payment &amp; Adjustment Detail</li> <li>25 = Current Charges Detail</li> <li>29 = Summarized Service Charges (non-derivable)</li> <li>30 = Local Usage</li> <li>35 = Calling Plan</li> <li>36 = Rate Plan Usage Summary</li> <li>37 = CABS Usage</li> <li>38 = Equipment Service Summary</li> <li>45 = Directory Assistance</li> <li>50 = Directory Advertising</li> <li>55 = Tiered Rating Structure</li> <li>60 = Itemized Call Detail</li> <li>61 = International Call Detail</li> <li>62 = Enhanced Usage Detail</li> <li>63 = Wireless Event Summary</li> <li>64 = Conferencing Detail</li> <li>65 = OC &amp; C Miscellaneous Detail</li> <li>67 = Discounts and Promotions</li> <li>68 = Discounts and Promotions</li> <li>69 = Contract Fulfillment Discount</li> <li>70 = Bill Verification</li> <li>71 = Enhanced Bill Verification</li> <li>72 = Wireless Recurring and Non-Recurring Charge Details</li> <li>73 = SAP Credit/Debit Detail</li> <li>75 = InterExchange Carrier Invoice Summary</li> <li>80 = Complex Services</li> <li>85 = Advanced Information Services (new)</li> </ul>	

C T R	CAP Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
					95 = Reference Data 97 = International Invoice Reporting Summaries 99 = Trailer	
4	Sub-record Number	9(2)	8-9	9DR	This identifies the record as a sub-record associated with a primary record type. Must ALWAYS be populated with a valid value from the list below. Valid values: 00 = Not a sub record 10 = Name & Address 11 = Expanded Address 20 = Text/FYI 21 = Extended Phrase Text 30 = Tax Detail 31 = Additional Tax Detail 32 = Additional Tax Granularity 33 = Tax Detail at Circuit Level 40 = Entity Contact Information 41 = International/Expanded Entity Contact Numbers 42 = Entity Internet URL Information 50 = Jurisdiction/Product Detail 60 = Additional Discount Detail 99 = Only populated on the trailer record  Note: For Vz450 records that represent the National Summary Statement, primary record 10 may be created with the Sub-record Number value of '01'. This represents the informational breakdown of charges by organization level 1 and/or organization 2.	
5	Sequence Number	9(8)	10-17	9DR	This is the numeric sequence of the record within the Master Account Number. Must always be populated with a valid sequence number. See rules below.  Populated as follows: Header (Record Level 0, Record Number 00, Sub-record Number 00) is 00000000  If file level text records are present ('20' sub records) they will be sequenced starting at 00000001 right after the file level '00' record. The sequence number will then reset to 00000000 with the appearance of the first '00' account level record.  The first occurrence of Master Account Number/Billed Account Number/Record	

C T R	CAP Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
					<p>Level/Record Type is 00000001. Subsequent records are incremented by 1.</p> <p>On the file trailer the sequence number should be populated with a valid sequence number (+1 value from previous record) and should not be populated, with 9's or high values.</p> <p>See Sequencing section for examples.</p>	
6	Master Account Number	X(13)	18-30	XDL	<p>This identifies the customer account to which summary billing is rendered. It may be fictitious. It will usually contain standard telephone number format of NPA, prefix, line number, customer number, and customer code. If the system producing the record does not have a standard telephone format for this field it will be populated and accessed at the GRP level, left justified.</p> <p>Only alphanumeric characters are valid for this field. Account numbers containing special characters such as punctuation, symbols or spaces will trigger a divertible error.</p> <p>CBSS populates this field with the SAN/CAN, which is 10 bytes (left justified), followed by 3 spaces for 13 bytes.</p> <p>Express TRAK/NBBE populates this field with the Master Account ID or Invoice Point ID, which is 12 bytes (left justified), followed by 1 space for 13 bytes.</p> <p>Must always be populated with a valid account number. See rules below.</p> <p>For stand-alone accounts (non-'Summary Billed') this field contains the Billed Account Number. On the file header record this field will contain zeroes. The exception to this is for SSB.</p> <p>On the file trailer this field will contain nines. On the account header record this field contains the Master Account Number for a Summary Billing or Merged Billing account arrangement or the Billed Account Number for Stand Alone Accounts.</p> <p>On Summary Bill Master accounts, the Master Account Number and Bill Account Number will always be equal.</p> <p>On the file level 95/00 records the Master Account Number should be populated with zeroes.</p>	

C T R	CAP Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
					<p>All Wireless Customer Account Numbers (CANs) are 15 bytes in length, while this field is limited to 13 bytes. To account for this discrepancy, CANs will be encrypted to a 13 byte BASE 36 number prior to mapping it to this field. The original 15 byte CAN will be stored in the Customer ID Code field on the 00 record.</p>	
7	Billed Account Number	X(13)	31-43	XDL	<p>This identifies the Billed Account Number, which may or may not contain several Billing Telephone Numbers. It will usually contain standard telephone number format of NPA, NXX, line number, and customer code. If the system producing the record doesn't have a standard telephone format for this field it will be populated and accessed at the GRP level, left justified.</p> <p>Only alphanumeric characters are valid for this field. Account numbers containing special characters such as punctuation, symbols or spaces will trigger a divertible error.</p> <p>CBSS populates this field with the CAN, which is 10 bytes (left justified), followed by 3 spaces for 13 bytes.</p> <p>CADE &amp; IBill will populate with 7 bytes (left justified).</p> <p>Express TRAK/NBBE populated this field with the IP, which is 12 bytes (left justified), followed by 1 space for 13 bytes.</p> <p>Must always be populated with a valid account number. See rules below.</p> <p>On the file header and account header records this field will contain zeroes. On the file trailer and account trailer records this field will contain nines.</p> <p>On Summary Bill Master accounts, the Master Account Number and Bill Account Number will always be equal.</p> <p>On the file level 95/00 records the Billed Account Number should be populated with zeroes.</p> <p>All Wireless Customer Account Numbers (CANs) are 15 bytes in length, while this field is limited to 13 bytes. To account for this discrepancy, CANs will be encrypted to a 13 byte</p>	

C T R	CAP Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
					<p>BASE 36 number prior to mapping it to this field. The original 15 byte CAN will be stored in the Customer ID Code field on the 00 record.</p> <p>For the fMCI IBRS system accounts, the BAN and Corporate ID (found in Customer ID Code field) must be appended to ensure the unique identification of an account. Account ids, populated in the Billed Account Number field may repeat within the IBRS system.</p> <p>For the fMCI IXPLUS system account ids are not unique. The environment code is appended to the account id and populated in the Billed Account number field to ensure uniqueness.</p>	
8	Working Telephone Number	X(10)	44-53	XDL	<p>Populated with the 10 byte working telephone number when applicable. The default value for this field is spaces.</p> <p>For instances where a WTN isn't reported (ie, not recorded at the switch), this field may be populated with ten X's (XXXXXXXXXX).</p> <p>The population of the Working Telephone Number and the Line Station ID on the 65/00 record and 70/00 record (containing a circuit id) are mutually exclusive. A Working Telephone Number in the CAP and a Line Station ID in either 65/00 or 70/00 record cannot both be populated for the same record.</p> <p>Note: While historically this field has been populated with a numeric value, an alphanumeric WTN is a valid value. This is currently valid for express TRAK (originating system identifier = '4') only.</p> <p>This field may also be populated on record 20/00 as applicable.</p> <p>For the fMCI systems this field may also contain other lower level hierarchy identifiers such as conference id, calling card number or toll free number.</p> <p>For fMCI International systems this field may contain 'CLI' with an attached CLI Module (035m) to convey the full CLI value.</p> <p>For the Verizon Wireless system this field is populated on 2550 Type 200, 208 and 210 records.</p>	
9	Basic Service Code	X(1)	54	XDL	<p>Specifies categorization of service type.</p> <p>Valid values: ' ' = Default (does not apply) 'B' = Basic</p>	



C T R	CAP Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
					'N' = Non Basic 'R' = Regulated 'G' = Non-regulated 'T' = Toll 'L' = Non-Telecom	
10	Adjustment Line Code	X(1)	55	XDL	This indicates whether the line item is adjustable or not on all records containing charge fields. This field is not set on ILEC invoice billing records.  Valid values: ' ' = Not applicable '1' = Not Adjustable '2' = Adjustable  The following domain values are used internally within NBBE ONLY: 3 = Reserved 4 = Reserved 5 = Reserved 7 = Reserved 8 = Reserved 9 = Reserved A = Reserved B = Reserved H = Reserved X = State, Local or 911 Adjustable Line Y = Normal Adjustment	
11	Module Indicator	X(1)	56	XDL	When set this field denotes the presence of a module(s) appended to the end of a record. Valid values: ' ' = No module(s) appended to end of record '1' = Module(s) appended to end of record	
12	Text Indicator	X(1)	57	XDL	This indicates one or more associated sub-records will follow this record. This field is set in relation to sub 20 records and sub 21 records only. It is not to be set in conjunction with any other sub records.  Valid values: ' ' = No text record following (DEFAULT)	

C T R	CAP Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
					'1' = Text record following  Populate ('1') on <u>primary record-type only</u> ('##00'), when text, comments, bill messages, etc. are to be associated. (Default = '). Defaults to ' on header '0000', and trailer '9999'.	
13	Overflow Indicator	X(1)	58	XDL	This indicates that a continuation record follows this record. The same level and number will identify it. The billing information being reported requires an additional instance of this record type to convey complete information. For example, there are insufficient occurrences of repeating fields to completely report the services, time periods, or charges. Valid values: ' ' = Record not continued (DEFAULT) '1' = Record continued Populated with '1' when primary record continues (same level, record number, and sub record number)	
14	Regulatory Bucket Display Code	X(1)	59	XDL	This identifies how charges are classified by regulators on all records containing charge fields.  Valid values: ' ' = Default '1' = Regulated/Basic charges '2' = Non-regulated/Non-Basic/Optional charges '3' = Toll charges '4' = Other (for use in four bucket states)	
15	Sub Carrier Identification Code	X(5)	60-64	XDL	This is the code that uniquely identifies a sub carrier when primary carrier is billing on behalf of another carrier. This field will be populated with spaces (default) for records where subcarrier billing is not applicable. When populated there will always be an accompanying 2540 record for the Sub Carrier. Sub carrier identification code alone does not uniquely identify a sub carrier. Sub Carrier Identification Codes may repeat per carrier. Sub Carrier Identification Code must be looked at in conjunction with Entity Code to ensure uniqueness.  This field may also be populated for 2511, 2531, 2532, 2541 and 2542 records  Note: for some source billing systems such as CBSS, sub carrier ID may be populated on the 20/00 record as adjustments can be a specific to sub carrier. May also be populated on records 28/00, 60/00, 60/20, 62/00, 65/00, 75/00, xx/20 and 65/20.	

C T R	CAP Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
					<p>Sub Carrier ID may be populated for Local Usage on fMCI accounts. fMCI bills on behalf of other providers but rolls the charges into a single provider dollar amount in relation to the record 25/00 level of current charges. In this case, record 30 will show fMCI as the primary provider and the sub carrier will be the provider the usage is received from. A 25/40 record will be present for each carrier/sub carrier present.</p> <p>For BTAS accounts from iBill this field will contain the literal 'BTAS' to indicate that the account is a BTAS account</p>	
16	Sequence Number Overflow Indicator	9(1)	65-65	9DR	<p>This field will be used to signify when the Sequence Number field has overflowed due to having more than 99,999,999 records for a single account. In cases when the sequence number for a single account exceeds 8 bytes, the 2 high order digits will be populated in the High Order Sequence Number Digits field.</p> <p>Valid values: 0 = Sequence Number does NOT overflow 1 = Sequence Number</p> <p>The default value for this field is zeroes.</p>	
17	High Order Sequence Number Digits	9(2)	66-67	9DR	<p>In cases when the sequence number for a single account exceeds 8 bytes, the 2 high order digits will be populated in this field. The indication that this field is populated is when the Sequence Number Overflow Indicator contains a 1. This field will contain one or 2 high order bytes as applicable populated right justified.</p> <p>The default value of this field is zeroes.</p>	
18	Reserved	9(4)	68-71	9DR	<p>The default value for this field is zeroes.</p>	
19	Associated Billing Account Number	X(13)	72-84	XDL	<p>Associated billing account number is to be used by those systems such as express TRAK/NBBE where the Billing Account Number (BAN) is not a TN, but the customer needs to identify the BAN in relation to a TN. In systems where this is not applicable the Associated BTN field should be spaces.</p> <p>This field is currently populated as follows: Express TRA/NBBE – contains legacy system Billing Telephone Number. CBSS – contains Billing Telephone Number. For NPD consumer accounts when CBSS assumes the billing, this field will contain the CBSS CAN number SSB – Contains invoice number</p>	

C T R	CAP Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
					<p>CADE - for Access and CPE charges, contains invoice number, for end user charges contains spaces</p> <p>CABS - invoice ID (Julian Date) instead of invoice number (Last 10 digits of BAN + Julian Date). CABS Invoice number, if needed by any application, will be derived from the last 10 bytes of the VZ450 BAN and first 5 bytes of ABAN</p> <p>NBBE (Enterprise Advanced) - will be populated with former BOBCO account number (12 digits).</p> <p>Ibill – Populated with invoice number.</p> <p>For BOBCO accounts converted to NBBE, this field is populated with the BOBCO system Account Number.</p> <p>For Bill to Other scenarios (gift billing) this field will be populated with the recipient account number. Note: Gift billing is mapped to record 80/00.</p> <p>For NBBE National Summary accounts (Originating System ID = '11') accounts that are converted from other source billing systems this field should be populated with the original system Billed Account Number.</p> <p>For fMCI Systems integration, this field will be populated with the account ID from the old source billing system as a reference. For example, when SATF collapses into NCBS, this field will be populated with the old SATF account ID while the MAN and dBAN fields will contain the new NCBS corp id and acct id.</p> <p>For VAM IRB accounts with Pre-Billed Vz450, this field is populated with the Billing Inventory Number and partial IC Return Code 2 from the EMI 015121 record.</p> <p>VISION 5 accounts (Originating System ID = 'V5') – will be populated with Billing Telephone Number if the customer has any Voice service type (FDV/COPPER/FTTP/VVL – Thunder). Otherwise will be populated with spaces.</p> <p>For LATAM accounts, this field is populated with a leading 'C' for Credit Note and 'D' for Debit Note.</p> <p>Additionally, the following systems (along with their associated OSID value) can populate invoice number in this field: '03' = CBSS</p>	

C T R	CAP Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
					'04' = express TRAK '05' = CABS '07' = SSB '09' = CADE '10' = Dispatch 1 '11' = NBBE National Summary Bill '12' = CRE '15' = fBA South CABS (SystemDecommissioned) '16' = fGTE CABS '17' = Arbor ASG '18' = Arbor VOL (SystemDecommissioned) '22' = NBBE Enterprise Advanced '23' = NBBE National Bill '40' = NBBE NICB (SystemDecommissioned) '42' = Vz450 Gateway (iBAS) 'GC' = Alchemy Credit Note 'GD' = Alchemy Invoice 'M0' = Digex/ABE (SystemDecommissioned) 'M6' = Mega Hyperstream (SystemDecommissioned) 'M7' = Mega Audio Conference 'MH' = SinglEview 'MI' = Millennium 'MJ' = Mega HSCS 'MK' = Mega Preferred 'MM' = Arbor Europe (SystemDecommissioned) 'MO' = AsiaPac (SystemDecommissioned) 'MP' = Latin Am 'MV' = Intrasoft (SystemDecommissioned) 'T1' = Terremark 'XO' = XO SinglEview	
20	AssociatedChargeCode	X(4)	85-88	XDL		
21	Reserved	9(9)	89-97	9DR	The default value for this field is zeroes.	
	Customer ID		98-127	GRP	The Customer ID is used to provide the customer a higher level of data grouping than is available from the source billing systems. Examples of this would be EBID, BillManager, Customer ID, Billing Agency Code (BAC), etc.	
22	Customer ID Length	9(2)	98-99	9DR	Contains the length of the Customer ID Code field	

C T R	CAP Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
					The default value for this field is zeroes.	
23	Customer ID Code	X(15)	100-114	XDL	<p>Contains codes used to uniquely group data at the customer level. The default value for this field is spaces.</p> <p>For fMCI accounts this will contain the Corporate ID. Populated with Event ID for Millennium accounts as applicable.</p>	
24	Customer ID Department Code	X(13)	115-127	XDL	<p>Contains further data grouping granularity within customer ID code. Field used to carry additional customer account identification. For DC, MD, VA, WV customers, may be populated with a 5 character Billing Agency Code on records 20, 30, 45, 60, 65, 67, 70, 75, 80 and on BAC level records 35 For Arbor VOL data, this field will contain the VOL userid. For VSSI data, this field will contain the BGN id. The corresponding 95/00 record will contain the BGN Name.</p> <p>For fMCI accounts this will contain the Node ID. For some fMCI government accounts, this field will contain Billing Agency Code.</p> <p>Populated with Customer ID for Millennium Accounts as applicable.</p> <p>For NextGen invoices, this field will store the Location ID cross-reference.</p> <p>The default value for this field is spaces.</p>	
25	Invoice Billing Indicator	X(1)	128	XDL	<p>Populate this field when record contains Invoice Ready Billing information. The default value for this field is spaces. Valid values: ' ' = Not IRB, Invoice record (DEFAULT) (includes casual carrier usage) 'T' = Interexchange carrier data received via invoice ready bill feed. This does not include Verizon affiliate data or Verizon ILEC (entity code 00698) data received via invoice ready bill feed. 'O' = Open Item invoice billing (non balance forward).</p> <p>Clarification: This field should be set to 'T' for Verizon affiliate data that is not subject to special processing (for which the special process code field is not set to 'A' or 'L').</p> <p>The Invoice Billing Indicator must have the same value for all records for a particular entity summarizing to the 25/00 record.</p>	

C T R	CAP Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
					<p><u>Note</u> - This field is valid with Record numbers 00/20, 20/00, 25/00, 25/20, 25/40, 24/42, 26/00 and 75/00 and 75/20 only.</p> <p>This field may be populated with "I" on record 75/00 for the VGSI carrier which is a subcarrier of VSSI</p> <p>The value of 'O' is only to be set on account level data records up to but NOT including record 25/00. Accounts that are billed as open item may also contain invoice ready billed data in which case the 25/00 record and associated details would contain the value of 'I'. It may also be set on file level records associated to invoice billed accounts.</p> <p>'B' = Bobo billing arrangement. PB account that includes billing for another Entity 'W' = Wireless Carrier billing arrangement</p>	
26	State Code	X(2)	129-130	XDL	<p>This field contains the standard 2-character abbreviation for the U.S State or Canadian Province to which these records apply. The state is the state where the BAN 'resides'.</p> <p>In the File Header/Trailer, this field MUST be populated with spaces. For File Level records where Level Code/Record Number/Sub-Record Number equals 0/00/20, 0/00/21 or 0/95/00, and MAN = 000000000000, this field MAY be populated with spaces. For all other records, this field, MUST be populated with a VALID state code.</p> <p>' ' is valid for File Level records 00/20, 00/21 or 95/00 only 'AA' = APO Military 'AB' = Alberta 'AE' = APO Military 'AP' = APO Military 'BC' = British Columbia 'DC' = District of Columbia 'FO' = Foreign Office (valid for international account in express TRAK and NBBE) 'GU' = Guam 'MB' = Manitoba 'MP' = Northern Mariana Islands 'NB' = New Brunswick 'NL' = Newfoundland and Labrador 'NT' = Northwest Territories</p>	

C T R	CAP Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
					<p>‘NS’ = Nova Scotia  ‘NU’ = Nunavut  ‘ON’ = Ontario  ‘PC’ = Former Contel Pennsylvania  ‘PE’ = Prince Edward Island  ‘PG’ = Former GTE Pennsylvania  ‘PR’ = Puerto Rico  ‘PQ’ = Former Quaker Pennsylvania  ‘QC’ = Quebec  ‘SK’ = Saskatchewan  ‘TT’ = Trust Territories  ‘VC’ = Former Contel Virginia  ‘VG’ = Former GTE Virginia  ‘VI’ = Virgin Islands  ‘XX’ is valid for accounts, which represent multiple states like the NBBE bill.  ‘YT’ = Yukon  ‘99’ = Default State/Late Fee (Wireless Vision only)</p> <p>Any value besides those listed above or valid state designations will be changed to ‘XX’ to represent multi jurisdictional.</p>	
27	Entity Code	X(5)	131-135	XDL	<p>This is the billing entity code. The entity code will identify the local exchange carrier, the Inter-exchange carrier, operating company, legal entity or the billing and collection services. The Inter-exchange carrier is the carrier identification code (CIC) with a leading zero.  All Verizon charge records should contain entity code ‘00698’.  Valid values for fMCI charge records include ‘00222’ and ‘00555’.</p> <p>fMCI International Systems will use OPCO, left justified with trailing spaces if needed.</p> <p>In the Account and File Header, this field MUST be populated with spaces. In the File Trailer, and Account/File Level text and reference records, this field may contain spaces. For all other records, this field MUST be populated with a valid entity code.</p>	
28	Bill Date	9(6)	136-141	9DR	<p>This is the date which appears on the bill. The format is YYMMDD.  In the File Header, this field MUST be populated with zeroes. For all other records, this field MUST be populated with a valid bill date.</p>	



C T R	CAP Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
					<p>For File Level records, this may also contain zeroes.</p> <p>Note: The bill dates for accounts in National Summary Bill and National ICB arrangements may be different throughout the account.</p>	
29	Classification Code	X(1)	142	XDL	<p>This is the classification of the charge grouping currently used on the NBBE statement. Note: this field may NOT be populated on various record level = 1 records including 00/00, 95/00 and 99/00 records.</p> <p>Valid values:</p> <ul style="list-style-type: none"> <li>' ' = Default</li> <li>'1' = End-User paid from NBBE statement</li> <li>'2' = Access paid from NBBE statement</li> <li>'3' = Non-regulated paid from NBBE statement</li> <li>'4' = US Local Exchange Carrier</li> <li>'5' = US Access</li> <li>'6' = US Customer Premise Equipment</li> <li>'7' = Combined Charges paid from NBBE statement</li> <li>'8' = Combined Charges paid from source system bill (information only)</li> <li>'B' = US Integrated Business</li> <li>'C' = Conferencing</li> <li>'E' = US Integrated Enterprise</li> <li>'G' = US Global</li> <li>'M' = Managed Hosting</li> <li>'S' = US Standalone Data &amp; Internet</li> </ul>	
30	Entity Presentation Sequence Number	9(2)	143-144	9DR	<p>This is the unique sequence number assigned by entity type. It is used to denote entity grouping for bill presentment. The following entity types must each be assigned a unique Entity Presentation Sequence Number.</p> <ul style="list-style-type: none"> <li>▶ 1<sup>st</sup> - Verizon LEC or Direct Billed/Out of Franchise</li> <li>▶ 2<sup>nd</sup> - Verizon Affiliates</li> <li>▶ 3<sup>rd</sup> - PIC Carrier (long distance including Verizon Long Distance)</li> <li>▶ 4<sup>th</sup> Other Telecommunications Charges</li> </ul> <p>Bill presentation is driven by Entity Presentation Sequence Number, then entity code within Entity Presentation Sequence Number.</p> <p>The values of this field are locally defined. The Entity Presentation Sequence Number must be assigned ascending values based on the order defined above. An example of this</p>	

C T R	CAP Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
					is shown in Section 4.6.	
31	Pricing Plan Code	X(5)	145-149	XDL	<p>This field provides additional information as to the services associated with this record. Pricing Plan Code must be used to pull together the various billing components to an overall pricing plan.</p> <p>Pricing Plan Code will be populated on the following record types as applicable: 20/00, 30xx, 35xx, 45xx, 55xx, 60xx, 65xx, 67xx, 70xx, 80xx, 85xx, xx20, xx30, xx50.</p> <p>Discounted Call Details (EMI Indicator 28=1) such as those that appear on 60/00 records must have a pricing plan code in order to cross reference the detail back to a summary record.</p> <p>For example, if the Verizon Freedom Plan (Pricing Plan Code = VF) displays call details on the bill (60/00 records) that are also summarized under a calling plan bill section (35/00 record), both the 60/00 records representing the call details and the 35/00 record representing the calling plan both need to be marked with the same VF pricing plan code.</p> <p>For detail records such as 70/00 representing individual products that are part of a package, each 70/00 must contain a unique code that identifies that package/plan in the pricing plan code field. In most cases this would be the IOSC/USOC/Product Identifier associated with the plan or bundle.</p> <p>NOTE: Pricing plan code is being added as valid for records 20/00, 25/20 and 25/30 specifically for FiOS video charges. Both Adjustments and Taxes appear in the FiOS section of the bill and need to be tagged as FiOS to accurately be able to recreate FiOS bill displays.</p> <p>Pricing plan codes may also be populated on records 65/00, 70/00 and their associated sub records. Although not historically done, this will be used as a means to denote charges on associated records are related to a particular plan/service such as MEVS. For example, pricing plan code 'ME' would be used for MEVS.</p> <p>The default value for this field is spaces.</p>	
32	Special Process Code	X(1)	150	XDL	<p>This field will be used to denote records that need to have some special processing applied. Currently this will be used to denote records that need to be converted programmatically.</p> <p>The default value for this field is spaces.</p>	

C T R	CAP Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
					<p>Valid values:</p> <p>'A' = Advanced Data Services invoice ready billed records                      'B' = Arbor originated IRB account data                      'C' = Special Contract Billing Arrangement                      'E' = End to End Integration (E2Ei) Invoice                      'I' = NBBE originated IRB account data                      'G' = GIP-C                      'L' = ILEC invoice ready bill records (entity code 00698 only). Currently this applies to Corporate Rewards, VFR, ALA, and CSP.                      'P' = Credit Account (NBBE only)                      'S' = SSB originated IRB records                      'U' = Pooling data records                      'W' = Verizon Wireless iBAS records                      'Z' = UNE replacement product offerings rate applies (wholesale only)</p> <p>Notes:</p> <ul style="list-style-type: none"> <li>▶ When the Special Process code of 'A' applies, the Special Process Code must be populated on every record for the Entity.</li> <li>▶ When the Special Process code of 'L' applies, the Special Process Code must be populated on every 7500 record.</li> <li>▶ When the Special Process code of 'P' applies, the Special Process Code must be populated on every record for the credit account.</li> </ul>	
33	Revenue Identifier Code	X(1)	151	XDL	Populated for Verizon internal use only. Please disregard.	
34	Revenue Identifier	X(8)	152-159	XDL	Populated for Verizon internal use only. Please disregard.	
35	Paper Bill Indicator	X(1)	160	XDL	<p>When set, this field denotes whether or not the record contains data that appeared on the paper bill.</p> <p>Valid values:</p> <p>' ' = default                      '1' = Data appeared on the paper bill.                      '2' = Data did not appear on the paper bill and is being provided as supporting billing information. CSR (7000 records) or SMUB (identified by Pricing Plan Code = SM) are examples of non-paper bill data. Final bills and revised final bills are also examples of types of accounts in which this indicator would be set to "2".</p>	
36	Associated Bill Section Code	X(4)	161-164	XDL	<p>Used to identify the bill sections that this particular record will be formatted under. The value of this field is passed on the 25/50 records.</p> <p>Note: Must be populated with Bill section codes that are reflective of the individual bill presentation formats. For records where bill section is not applicable i.e. '00', '99' the</p>	

C T R	CAP Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
					<p>default value of spaces is used.</p> <p><b>Example</b>                      The following values have been passed on the 25/50 record                      0001 - Monthly Service Section                      0002 - Other Charges &amp; Credits Section                      0003 - Local Usage Section                      0004 - Itemized Call Section</p> <p>Incoming 70's would have this field set to 0001, 65's would have 0002, 30's would have 0003 and 60's would have 0004.</p> <p>Specific domain values will be referenced here on a project by project basis and only when needed for exception processing. Values include:</p> <p>'AUDC' = Audio Conferencing Detail                      'CDTL' = Combined Detail                      'CLCD' = Calling Card Detail                      'COCG' = Carryover Charge Detail                      'CPCS' = Cellular PCS Detail (NWX)                      'CTCD' = Cybertrust By Customer ID Detail                      'DOLD' = Dedicated Outbound Long Distance Detail                      'DTFD' = Dedicated Toll Free Detail                      'ECRD' = Toll Free Enhanced Call Routing (ECR) Detail                      'FCDT' = Frontier Communication Corporation Service by Customer ID Detail                      'IPTF' = IP Toll Free Detail                      'ISCD' = IT Solution Service by Customer Detail                      'IVRD' = Interactive Voice Response Detail                      'LOCD' = Local Detail                      'NETC' = Net Conferencing Detail                      'OBLD' = Outbound Long Distance Detail                      'ODLD' = Outbound Dedicated Long Distance Detail                      'OSLD' = Outbound Switched Long Distance Detail                      'REMO' = Remote Access Detail                      'RUDT' = Resource Unit By Customer ID Detail                      'SDLD' = Outbound Switched Digital Long Distance Detail                      'SOLD' = Switched Outbound Long Distance Detail</p>	

C T R	CAP Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
					'STFD' = Switched Toll Free Detail 'TFCD' = Toll Free Detail 'TRTR' = Treatment Account Transfer 'VIDC' = Video Conferencing Detail 'VOIP' = Voice Over IP Detail 'VTCD' = Verizon TelecomBy Customer ID Detail 'WLAD' = Wireless Detail (CALNET)	
37	Group ID	9(3)	165-167	9DR	Populated for Verizon internal use only. Please disregard.	
38	Pre-Billed Record Indicator	X(1)	168	XDL	This field is used to denote whether a record is a pre-billing record. The default value for this field for 'bill' records is spaces. Valid values: ' ' = default (billing record) '1' = Pre-billed record	
39	Special Record Type Code	X(1)	169	XDL	This field is used to denote conditions for records that may require special processing or actions. The default value for this field is spaces. Valid values: ' ' = default 'A' = informational records that should not be included for balancing. Current use to pass tax allocations for charges that cross locations. 'C' = informational records that should not be included for balancing. Current uses: <ul style="list-style-type: none"> <li>➤ NY/NE residential bill accounts where the 70/00 records are duplicates of information contained on record 65/00 for balancing, thus 70/00 records should be excluded.</li> <li>➤ NBBE products that are part of a package. Charge resides on package product so breakdown of package components is informational.</li> <li>➤ 26/00 records with Group Type = 004. The 26/00 with Group Type Code of 004 are iobi Account level charges and should already be reflected in Group Type Code 002.</li> <li>➤ 'Informational' 65/00 or 70/00 records will be created to break down the AGF fee from the monthly recurring charges. The actual MRC for the product needs to be broken down from the AGF fee for adjustment purposes as there are different scenarios in adjusting AGF fees based on whether the account is a direct account or a centralized account. We will use the SPECIALRECORD TYPE CODE field on the CAP value of 'C' to exclude these details from balancing. These</li> </ul>	

C T R	CAP Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
					<p>informational details will appear with charge code 2003 although there will be no corresponding charge code on the 25/00 record. This will enable IS to tag them uniquely in relation to the credit that appears on the associated summary bill master account.</p> <ul style="list-style-type: none"> <li>➤ Resource Unit Billing 71/00 records displayed in the Extra Service Summary section.</li> <li>➤ 'Informational' tax info on the 10/30 record that DOC1 needs for preprinted LATAM forms.</li> </ul> <p>'D' = Used for detail discount records that are not displayed on the invoice, but are summarized on a single charge record. These records should be marked to be excluded from balancing. The total of all "D" records will be accumulated and populated in the discount amount of the 71/00 record for the same from/through dates and feature instance ID.</p> <p>'F' = assigned to any detail record where the total Charge Amount is calculated by adding associated taxes/surcharges/fees to the base charge amount. In this scenario, the detail record's TaxAmount total should not include the taxes/surcharges/fees. These additional amounts should be populated only in the Generic Amount Module 109 Charge Amount field with Charge Type Code set to an applicable domain value. One Module 109 should be attached to the detail record for each unique tax/surcharge/fee. Inclusion on the Module 109 allows Data Warehouse and other revenue reporting applications to correctly book the fees/surcharges and deduct them from the Charge Amount so that invoice totals balance.</p> <p>'O' = assigned to IBRS service level overage 71/00 charge records assessed when a customer exceeds their monthly Internet service Commitment Level. This charge is calculated by multiplying the overage in megabits by a pre-determined rate. EDI will display this record at the circuit level, whereas the paper and online invoices will show only an aggregated overage amount at the bill payer level. Vz450 Gateway will include the circuit level detail 71/00 records for balancing.</p> <p>'P' = Package</p> <p>'R' = Required record for minimum record configuration. May not represent actual billed charges. Current application is national bill configuration where 25/00 records for entity '00698' are 'required' per specifications for the minimum record configuration although</p>	

C T R	CAP Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
					<p>they do not represent actual billed charges. Records marked with 'R' in this field may be ignored for display/processing depending on receiving system's requirements.</p> <p>'S' = Summary bill subordinate account received prior to master account's bill period Note on creation and population of 00/00 and 99/00 records when Special Record Type Code = 'S':</p> <ul style="list-style-type: none"> <li>➤ One Account Header record per MAN</li> <li>➤ All BANS associated to the MAN will appear on the file in ascending order</li> <li>➤ One Trailer record per MAN</li> <li>➤ No Level 1 records</li> <li>➤ On the Trailer record the Total Bill Amount - \$ and Total Current Charges - \$ fields will be populated with \$0.00</li> </ul> <p>'T' = Bundle or Summarized component used for display and balancing (use a 077m SDIC = 049 for associating the 'T' and 'C')</p> <p>'V' = VoIP Bundle component used for display and balancing</p> <p>'W' = Retain Credit</p> <p>'X' = Change in overall record structure from original 7.0 specifications. Temporary solution to be used until project is funded to add internal release management fields (release and version number) to the specifications. Will be used as follows:</p> <ul style="list-style-type: none"> <li>➤ 67/00 records created from June 2004 third week release forward (new records have removal of array and displacement of fields). This includes all 67/00 records pre-billed or billed.</li> <li>➤ 28/00 records created from July 2004 third week release forward (new records have expansion of combined phrase text field by 27 bytes).</li> </ul> <p>'Z' = Specialized informational summary record for discount amounts. Used to roll up discount amounts to a charge record with Special Record Type Code = 'T'. The Special Record Type Code 'Z' record is not used for balancing and is the summarization of Special Record Type Code 'C' records for discounts. The Special Record Type Code = 'T' record will have matching Module 077 with SDIC = 244 for Feature Instance ID.</p>	
40	Fiber Line Code	X(1)	170	XDL	Denotes that a line is fiber or copper on all applicable charge records. To be used in	

C T R	CAP Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
					obtaining FTTP metrics. This may be populated on any detail charge record such as the 30/00, 35/00, 45/00, 55/00, 60/00, 65/00, 70/00, 75/00 or 80/00. The default value for this field is spaces. Valid Values: ‘ ‘ = default ‘C’ = Line is non fiber line provisioned (i.e. copper) ‘F’ = Line is fiber provisioned. ‘W’ = Wireless (Thunder)	
41	Merge Format Control Indicator	X(1)	171	XDL	Populated for Verizon internal use only. Please disregard.	
42	Special Record Origin Code	X(1)	172	XDL	Populated for Verizon internal use only. Please disregard.	
43	Resource Unit Billing Indicator	X(1)	173-173	XDL	This indicator communicates when an account is part of a Resource Unit (RU) arrangement and flags specific records which contain RU information. The default value for this field is spaces. Valid values: ‘1’ = Set on the 00 record of an account that participates in an RU arrangement. ‘2’ = Set on every record that contains RU summary information (this includes appended modules). ‘3’ = Set on every record that contains supporting component/product level detail which supports the RU summary.	
44	Reserved	X(2)	174-175	XDL	The default value for this field is spaces.	



### 4.3 Header Record 00

The header record has two purposes. It denotes both the start of the file and the start of a Master Account Number (MAN). When used as a file header the Record ID fields are all initialized to zero as well as the MAN and BAN fields. When used as a MAN header the Record ID and BAN fields are again initialized to zeroes but the MAN field is populated with the current MAN number being processed.

#### Standard field population for paper bill suppression project.

In order to ensure that paper bill suppression is properly reflected on the VZ450 for bill period data, the distribution, media and number of copies fields should be populated as follows:

Distribution Code = 'B3'

Media = 'P1' (paper)

Media Copies = 0

C T R	Record 00 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
	CAP		1-175		See 4.2 for CAP definition.	
1	Originating System Identifier	X(2)	176-177	XDL	Contains code for various billing systems creating the VZ450. MUST be populated with a valid originating system ID on both the File Header and the Account Header. Populated on both the File Header and Account Header. Valid values: '01' = CFPD '03' = CBSS '04' = express TRAK '05' = CABS '06' = BOBCO (System Decommissioned) '07' = SSB '09' = CADE '10' = Dispatch 1 '11' = NBBE National Summary Bill '12' = CRE '13' = NPD '14' = MDVW Legacy (System Decommissioned) '15' = fBA South CABS (System Decommissioned)	

C T R	Record 00 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
					'16' = fGTE CABS '17' = Arbor ASG '18' = Arbor VOL (SystemDecommissioned) '19' = NBBE iBILL Details (SystemDecommissioned) '20' = NBBE iBILL Summary (SystemDecommissioned) '21' = iBill '22' = NBBE Enterprise Advanced '23' = NBBE National Bill '24' = VAC '25' = Global Billing Report '40' = NBBE NICB (SystemDecommissioned) '42' = VZ450 Gateway (IBAS) '43' = ESG Portal OC&C '44' = ESG Claims OC&C '45' = eRate OC&C '46' = Reserved for VAC '47' = Reserved for VAC '48' = Reserved for VAC '49' = Reserved for VAC '50' = Reserved for VAC '51' = Reserved for VAC '52' = Reserved for VAC '53' = Reserved for VAC '54' = Reserved for VAC '55' = Reserved for VAC '56' = Reserved for VAC '57' = Reserved for VAC '58' = Reserved for VAC '59' = Reserved for VAC '60' = Reserved for VAC 'FR' = Frontier State of West Virginia Contract Accounts 'GA' = ICSB -Austria (SystemDecommissioned) 'GB' = ICSB – Ireland (SystemDecommissioned) 'GC' = Alchemy Credit Note 'GD' = Alchemy Invoice 'GE' = Solomon Cybertrust/TruSecure Australia (SystemDecommissioned)	

C T R	Record 00 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
					'GF' = Solomon Cybertrust/Ubizen/Global Sign (SystemDecommissioned) 'GG' = Solomon Betrusted France (SystemDecommissioned) 'GH' = Solomon Cybertrust BelgiumBVBA (SystemDecommissioned) 'GI' = Solomon Betrusted UK (SystemDecommissioned) 'GJ' = Solomon Cybertrust Germany (SystemDecommissioned) 'GK' = Solomon Betrusted Ireland (SystemDecommissioned) 'GL' = Solomon Betrusted Italy (SystemDecommissioned) 'GM' = Solomon Cybertrust BelgiumNV (SystemDecommissioned) 'GN' = Solomon Ubizen France (SystemDecommissioned) 'GO' = Solomon Cybertrust Great Britain (SystemDecommissioned) 'GP' = Solomon Cybertrust Italy (SystemDecommissioned) 'GQ' = Solomon Verizon Business Sec Lux (SystemDecommissioned) 'GR' = Solomon Cybertrust Netherlands (SystemDecommissioned) 'GS' = Solomon Cybertrust Hong Kong (SystemDecommissioned) 'GT' = Solomon Cybertrust Singapore (SystemDecommissioned) 'GU' = Solomon Cybertrust Taiwan (SystemDecommissioned) 'GV' = GCS Digex (SystemDecommissioned) 'IC' = ICI Credit Notes 'ID' = ICI Debit Notes 'IG' = Canadian VOIP Finance 'M0' = Digex/ABE (SystemDecommissioned) 'M1' = IBRS 'M2' = Vision 'M3' = IXPLUS 'M4' = MWAN (SystemDecommissioned) 'M5' = PLBS (SystemDecommissioned) 'M6' = Mega Hyperstream (SystemDecommissioned) 'M7' = Mega Audio Conference 'M8' = F&E (SystemDecommissioned) 'M9' = Toll Free Billing (SystemDecommissioned) 'MA' = GCS 'MB' = LBS (SystemDecommissioned) 'MC' = IDB (SystemDecommissioned) 'MD' = Hemicard (SystemDecommissioned) 'ME' = IVOIP 'MF' = WITS (SystemDecommissioned)	

C T R	Record 00 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
					'MG' = Messaging (SystemDecommissioned) 'MI' = Millennium 'MJ' = Mega HSCS 'MK' = Mega Preferred 'ML' = WIN 'MM' = Arbor Europe (SystemDecommissioned) 'MN' = ICSB – France (SystemDecommissioned) 'MO' = AsiaPac (SystemDecommissioned) 'MP' = Latin Am (SystemDecommissioned) 'MQ' = Exchange Card (SystemDecommissioned) 'MR' = MIDAS 'MS' = UK CSB (SystemDecommissioned) 'MT' = ICSB – Germany (SystemDecommissioned) 'MU' = Primebiller 'MV' = Intrasoft (SystemDecommissioned) 'MW' = Portal Canada (SystemDecommissioned) 'MX' = ICSB - Netherlands (SystemDecommissioned) 'MY' = ICSB – Switzerland (SystemDecommissioned) 'MZ' = ICSB – Italy (SystemDecommissioned) 'SP' = Reserved for VAM 'PO' = Vz450 Gateway on Behalf of Next Gen/E2Ei 'RA' = Report Account Statements 'S4' = Hyrbis Billing system 'T1' = Terremark 'T2' = Reserved for ECP 'T4' = Terremark Aria Billing 'VB' = Verizon Bundle Engine 'V4' = Vision Wireless 'V5' = Vision 5 'VW' = Verizon Wireless 'XO' = XO Singleview 'XI' = XO ATI	
2	Database Segment Identifier	X(1)	178	XDL	Populated for Verizon internal use only. Please disregard.	
3	RAO	9(3)	179-181	9DR	Revenue accounting office responsible for creating or processing the file. Populated on both the File Header and Account Header. The default value for this field is zeroes for systems that do not process by RAO.	

C T R	Record 00 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
4	Cycle Date	9(6)	182-187	9DR	YYMMDD that corresponds to the bill system cycle number of this file is shown in Gregorian format. Populated on both the File Header and Account Header.	
5	Cycle Number	9(6)	188-193	9DR	YYDDD bill system cycle number of this file is shown in Julian format. Leading byte is always zero. Populated on both the File Header and Account Header.	
6	Cycle Adjustment Factor	9(1)	194	9DR	Populated for Verizon internal use only. Please disregard.	
7	Account Bill System ID Annex	X(2)	195-196	XDL	Populated for Verizon internal use only. Please disregard.	
8	File Rerun Indicator	9(1)	197	9DR	Populated for Verizon internal use only. Please disregard.	
9	Account Bill System ID	X(1)	198	XDL	Populated for Verizon internal use only. Please disregard.	
10	Verizon 450 Version	9(2)	199-200	9DR	This field indicates the version number of the VZ450 record format being created. Populated on both the File Header and Account Header. Must always be populated (no default to zeroes). Value = 23	
11	Verizon 450 Release	9(2)	201-202	9DR	This field indicates the release number of the VZ450 record format being created. Populated on both the File Header and Account Header. Must always be populated. Zeroes are allowed as a value for the first release of a new version. Value = 03	
12	Verizon 450 Version Date	9(6)	203-208	9DR	Date of the current VZ450 version Populated on both the File Header and Account Header. Must always be populated (no default to zeroes). Valid Format is YYMMDD. Value = 200717	
13	Account Processing Identifier	X(1)	209-209	XDL	Populated for Verizon internal use only. Please disregard.	
14	Reserved	X(10)	210-219	XDL	The default value for this field is spaces.	
15	Channel Code	X(2)	220-221	XDL	Populated for Verizon internal use only. Please disregard.	
16	Channel Sub Code	X(3)	222-224	XDL	Populated for Verizon internal use only. Please disregard.	
17	Enhanced Billing Options Number of Occurrences	9(1)	225	9DR	Number of times the following data fields are repeated for multiple occurrences of similar data. On the file header, the value in this field should be 0. The default value for this field is 0. Values are 0 thru 5	
	Enhanced Billing Options Area		226-355		The following fields (denoted by @) may appear 0 to 5 times depending on the Enhanced Billing Options Number of Occurrences field. Therefore, if record 00 is populated to capacity, positions 226-355 will display similar data for 5 Enhanced Billing	

C T R	Record 00 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
					`Options.	
18	@Distribution Code	X(2)	226-227	XDL	Code indicating electronic product requested. The Default value for this field is 'B3'. Valid values: 'B1' = BillManager for Business 'B2' = BillManager for Wholesale 'B3' = Verizon Account Manager (VAM) 'B4' = BillManager for Pub Comm 'BO' = Bill @ once 'CN' = Consumer Bill to be stored in VAM archive 'D1' = UNE Loop for BDT (to customer) 'D2' = UNE Listing for BDT (to customer) 'D3' = Reseller for BDT (to customer) 'D4' = UNE Platform for BDT (to customer) 'D5' = Admin Bill 'D6' = UNE Loop for BDT Viewer 'D7' = UNE Listing for BDT Viewer 'D8' = Reseller for BDT Viewer 'D9' = UNE Platform for BDT Viewer 'DC' = DOC1 'E1' = EDI 'EC' = Error Correction Team 'ES' = EIS 'FG' = Norfolk Navy and other Government accounts 'FH' = Philadelphia Navy Yard 'FI' = Hampton Roads Government accounts 'IN' = Internal Data Driver 'M1' = Verizon 450 Standard 'RT' = Retained Account 'SV' = Singleview 'SW' = Singleview Wholesale/Resale 'VA' = VZ450 Archive 'VB' = Verizon Bundle Engine 'VD' = VZ450 Direct Data 'VS' = Verizon Common Output	
19	@Media	X(2)	228-229	XDL	Valid values:	

C T R	Record 00 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
					‘ ‘ = Default ‘C1’ = CD-ROM ‘F1’ = Direct Connect ‘F2’ = Electronic Transmission ‘F3’ = eMail ‘P1’ = Paper ‘P2’ = Abbreviated Paper Bill ‘T1’ = Tape Cartridge (EBCDIC) ‘T2’ = Tape Reel (EBCDIC)	
20	@Customer ID Length	9(2)	230-231	9DR	Contains the length of the Customer ID Code field. The default value for this field is zeroes. Only populated when the customer ID Code field is populated.	
21	@Customer ID Code	X(15)	232-246	XDL	Contains codes used to uniquely group data at the customer level. For EDI, this field will contain the EBID. The default value for this field is spaces.	
22	@Language Code	X(1)	247	XDL	This field specifies what language, either English or Spanish, the bill will be printed in. In NE ONLY a message can be printed on the bill in Portuguese. This field is grandfathered to existing values. Valid values: ‘ ‘ = English (default) ‘S’ = Spanish ‘P’ = Portuguese (NE Only)	
23	@Special Format code	X(1)	248	XDL	This field specifies any special format that applies to the bill. Valid values: ‘ ‘ = default ‘B’ = Braille ‘C’ = Condensed ‘E’ = Enlarged ‘S’ = Short	
24	@Media Copies	X(1)	249	XDL	This field specifies the number of media copies that should be produced or whether a particular media (as in the case of paper) should be suppressed. Valid values: ‘ ’ = Not Applicable to distribution type ‘0’ = Suppress Bill ‘1-9’ = Number of copies of media requested	
25	@Detail Suppression Code	X(1)	250	XDL	This field should be populated to indicate whether call details should be suppressed for	

C T R	Record 00 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
					printing on the paper bill only. To be used in conjunction with Media code of P1 for paper. Note: All call detail records should continue to be created as part of the VZ450 transmissions to the gateway. Valid values: ‘ ‘ = No detail suppression (default) ‘1’ = Suppress ValueFlex details (Pricing Plan Code = 8V) ‘2’ = Service & Equipment Detail Breakdown Suppression ‘3’ = Customer requested call detail suppression ‘S’ = VSSI LD Usage paper Bill Summarization only (details to VZ450 Archive) ‘B’ = VVSSI LD bill day account for which daily usage records were sent to VZ450 Gateway via the ‘side process’ ‘V’ = Suppress account from all online screens/reports	
26	@Mail Option Code	X(1)	251	XDL	This field specifies any special mailing arrangements that may apply. All items under this field must be mutually exclusive. Valid values: ‘ ‘ = no special process (default) ‘S’ = Sub account mailing ‘M’ = Merged Bill Account Mailing	



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### 4.4 Account Summary Record Number 10

The summary record occurs once per billed account. It provides a summary of charges for the billed account for the billing month. On a summary billing master account, it provides a summary of charges for the entire bill.

This record is used to show a summary of the total amount due. This record may be used to summarize charges to the master billing account number when summary billing is done. It may also be used to summarize charges on a billed account number basis.

One (1) or more Summary records will be generated per Billed Account Number (Record Level = '5').

One (1) Summary record will be generated per Master Account Number (Record Level = '1') when summary billing is indicated (Summary Account Number = Billed Account Number).

For systems that perform balance forward billing only one (1) Summary record is permitted per Account. (This record does not overflow or continue.) For systems that perform discrete invoice billing (non-balance-forward), multiple Summary records (10/00) will be created. Each Summary record will represent a unique invoice number (Associated Billing Account Number) for a particular Billing Account Number. In this instance multiple 10/00 records would roll up to a single Billed Account Number occurrence on the Summary Account/Invoice Listing record (15/00).

At a minimum, two (2) sub record number '10' (Name & Address) records immediately follow a Summary Record. The exception to this is for the CABS billing data and the CADE statement 450 records. Customers who do not choose to pay their bill at the CADE statement level will not have a Payment Name & Address record created. CABS billing data does not contain remit information. In addition, there are other valid scenarios when remit address records are not produced by source billers, nor required. These include:

- Customers who pay via direct payment option
- Customers who pay via credit card
- Customers who pay electronically via other options (i.e. EFT, ESG portal electronic payment when available)
- Customers who have their paper bill suppressed.

<u>Record Number</u>	<u>Sub record Number</u>	<u>Category</u>
'10'	'10'	1 Billing Name & Address
'10'	'10'	4 Payment Name & Address

Additional sub record 10s may be created.

**Standardization of the Representation of Late payment Charges.**

A standard approach to the ‘bucketing’ of Late Payment Charges has been defined as follows.

Late Payment Charges are now part of the balancing formula for the Total Current Charges - \$ field on the 10/00 record.

The Late Payment Charges \$ field must always be populated with the Late Payment Charge as well.

The Total Bill Amount formula has been changed to exclude the Late Payment Charge field in the balancing.

Notes:

- For systems such as NPD, where the Late Payment Charge is included in the Other Charges and Credits line of bill, Late Payment Charge detail will appear on a 65/00 record (where OC&C Category = 36). The Late Payment Charge will be included in the 0400 charge code (Other Charges and Credits line of bill) which is consistent with how the source billing system books the revenue.
- For the expressTRAK system/NBBE, Late Payment Charges when applicable are billed at the Invoice Point. The individual invoice points display the actual late payment charge and the associated rate. The Late Payment Charge field on the 10/00 record for the Summary Bill Master account will contain \$0.00. A xx/20 record will be created to display the informational text for total Late Payment Charge across all invoice points shown on the Summary Bill Master account in expressTRAK/NBBE.

C T R	Record 10 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
	CAP		1-175		See 4.2 for CAP definition.	
1	Department Code	X(13)	176-188	XDL	When populated this department code signifies a grouping of all details to a specific department. The customer defines the code. Can be used for BTN level department ‘group’ association (if all lines or circuits under a BTN are assigned to the same department). The default value for this field is spaces. Not currently populated – future use.	
2	Total Carrier Charges - \$	S9(9)V99	189-199	SDR	This field contains the total current charges for all carriers and affiliates on the account. This should include current charges for all carriers excluding the entity that is the primary biller for the account. This is defined by the entity code on the 10/00 record.	

C T R	Record 10 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
					The default value for this field is zeroes.	
3	Amount Referred to Collection	S9(9)V99	200-210	SDR	This field contains all amounts that have been referred to collections. Currently only applicable to NY. The default value for this field is zeroes.	
4	Basis of Bill Code	X(1)	211	XDL	The default value for this field is spaces. Valid values: ' ' = Retail 'A' = Access 'B' = Retail Residual 'C' = Credit Note 'D' = Debit Note 'E' = Enterprise 'L' = UNE List 'O' = UNE Loop 'P' = UNE Platform 'R' = Resale 'S' = Wholesale Line Split CLEC 'T' = UNE Port 'W' = Wireless 'X' = 'Affiliate resale account'	
5	Pay by Date	9(6)	212-217	9DR	Contains the date by which payment must be received to avoid late payment charges. Format is YYMMDD. May be zeroes if account doesn't carry the financial responsibility. Note: this will be populated with zeroes for fMCI systems as it is not currently available	
6	Total Bill Amount - \$	S9(9)V99	218-228	SDR	This is the total amount due on this bill.  TOTALBILL AMOUNT = NET PAST DUE + TOTALCURRENT CHARGES + RESALE DISCOUNT AMOUNT + TOTALBILL DISCOUNT AMOUNT (NE only)  <i>For Single view accounts only:</i> TOTALBILL AMOUNT = NET PAST DUE + TOTALCURRENT CHARGES + RESALE DISCOUNT AMOUNT + TRANSACTION AMOUNT OF UNAPPLIED PAYMENTS OR ADJUSTMENTS  Note: For some source billing systems where a component account is not financially responsible, this field will contain \$0.00. Originating System IDs where this is applicable	

C T R	Record 10 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
					are as follows: '03', '04', '22', '40'. The default value for this field is \$0.00	
7	Previous Bill Amount - \$	S9(9)V99	229-239	SDR	This is the total amount due that was billed on the previous bill (Total Bill Amount from last month's bill). The default value for this field is \$0.00	
8	Total Payments - \$	S9(9)V99	240-250	SDR	This is the total amount of all payments made during this bill period. This field is calculated/balanced as follows. <i>For accounts in a Summary Billing arrangement:</i> Total of all payment transaction codes with a value of '1' on 20/00 record for Summary Bill Master account. Payments should not be made to sub-accounts in a Summary Billing arrangement. However, if payments are made to sub-accounts, the payment would be reflected against the sub-account as opposed to the Master Account. <i>For stand alone accounts:</i> Total of all payment transaction codes with a value of '1' on 20/00 record for stand-alone account. The default value for this field is \$0.00	
9	Total Adjustments - \$	S9(9)V99	251-261	SDR	This is the total amount of all Adjustments made during this bill period. This field is calculated/balanced as follows. Total of all transaction category codes with a value of '2' on 20/00 records. For accounts in a summary billing arrangement, adjustments should only be summed in relation to the BAN of the account. Adjustments made on the subordinate accounts should not be directly included in the Total Adjustments Amount - \$ of the summary bill master account. Likewise, adjustments associated with the summary bill master account should not be directly included in the Total Adjustments Amount - \$ of any of the subordinate accounts. The default value for this field is \$0.00	
10	Transferred Current Charges Amount - \$	S9(9)V99	262-272	SDR	Total amount of all debits and credits from the current bill being transferred in or out. This should only include charges related to the current billing period and not include transfer charges from the previous bill. This equals the total of all 20/00 records with transaction category code = '3'. The charge amount populated in this field must pertain to the current month's billing. This field should not include any past due amounts from previous bills. On a summary bill master account, transfers from summary bill subordinate accounts (transaction code = 90) that include charges from the current bill should be reflected in this field. The default value for this field is 0.00.	

C T R	Record 10 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
11	Current Charges Summary Account - \$	S9(9)V99	273-283	SDR	<p>This field is populated for Summary Billing Master Accounts only. It contains charges posted against the Summary Billing Master - typically, this is a billing media charge as well as the charges transferred to the master account from the subordinate accounts. This corresponds to the "New Charges" line of bill.</p> <p>This field would be equal to the 0100 charge code on the 25/00 record for the Summary Bill Master account + Total Billed Charges Sub Accounts - \$. The default value for this field is \$0.00</p>	
12	Total Billed Charges Sub Accounts - \$	S9(9)V99	284-294	SDR	<p>This field is populated for Summary Billing Master Accounts only. It contains the sum of Total Bill Amount - \$ as posted on sub-accounts. NOTE: This amount MUST include any previous balances on sub accounts, which should be rolled into the Total Bill Amount-\$ field for the sub accounts. The default value for this field is \$0.00</p>	
13	Net Past Due - \$	S9(9)V99	295-305	SDR	<p>This amount is the result of applying all debits and credits to the previous bill. The formula is: Net Past Due = Previous Bill Amount + Total Payments + Total Adjustments + Transferred Non Current Charge Amount - \$. The default value for this field is \$0.00.</p>	
14	Late Payment Charges - \$	S9(9)V99	306-316	SDR	<p>This is the amount charged due to late payment of past charges. This is the late payment charge attributed directly to each individual account. Late Payment Charges for subordinate accounts in a Summary Billing arrangement are NOT rolled up to the Late Payment Charge of the summary bill master account.</p> <p>This field must always be populated when a late payment charge is applicable.</p> <p>The default value of this field is \$0.00.</p>	
15	Total Current Charges - \$	S9(9)V99	317-327	SDR	<p>This is the total current charges for this bill period. This field is calculated as follows.</p> <p><i>For Summary Billing sub-accounts:</i> TOTAL CURRENT CHARGES = Sum of all the Sub's '2500' record charge amounts where charge code = '0100' + Late Payment Charge.</p> <p><i>For Summary Bill Master and Stand Alone accounts:</i> TOTAL CURRENT CHARGES = Sum of all '2500' record charge amounts where charge code = '0100' + Transfer Current Charges Amount-\$ + Late Payment Charge.</p>	

C T R	Record 10 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
					<p><i>For IBRS, Vision and Wireless Vision accounts:</i>  TOTALCURRENT CHARGES = Sum of all '2500' record charge amounts where charge code = '0100'</p> <p>The default value for this field is \$0.00</p>	
16	Pmts Applied Through Date	9(6)	328-333	9DR	<p>This is the date through which payments made by the customer were applied to the account. Valid Format is YYMMDD.  The default value for this field is zeroes.</p>	
17	Summary Billing Indicator	X(1)	334	XDL	<p>This is a code indicating if this account is summary billed.  Valid values:  '0' = Not summary billed (DEFAULT)  '1' = Summary billed  '2' = Merged Billed Account/Parent Child relationship with Child financially responsible  '3' = Verizon Wireless iBAS Hierarchy  '4' = Group Level Non-Remit Summary (Parent reports, children remit)  '5' = Summary billing where all accounts (including master) retain remit responsibility. Master may incur its own charges as well.  '6' = Super BAN  '7' = All Accounts (Child and Master) are Remit Points  '8' = Non-remitting statement  'A' = Non-Remitting Middle Node with both Remitting and Non-Remitting Children  'D' = Remitting Middle Node with both Remitting and Non-Remitting Children</p>	
18	Account Status Indicator	X(1)	335	XDL	<p>This is a code indicating the type of bill issued.  This field must be populated with one of the values listed below. There is no default of spaces for this field.  Valid values:  ' ' = Account status is unknown to the billing system (default)  '2' = Regular live monthly bill  '4' = Final Bill  '5' = Revised Final Bill – This bill is normally issued to reflect late charges or payments not included on the final bill  '6' = Temporary suspension of live account  '7' = Written off  '8' = Partial Disconnect Final  '9' = Partial Disconnect Revised Final</p>	
19	Class of Service Type	X(1)	336	XDL	<p>This is a code indicating the customer's service type.  This field must be populated with one of the values listed below. There is no default of</p>	

C T R	Record 10 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
					spaces for this field. Valid values: 'B' = Business 'R' = Residence 'C' = Coin 'S' = Special	
20	Hold Bill Code	X(1)	337	XDL	This is a code indicating a hold bill. Currently being used to report a permanent hold bill situation. Valid values: '0' = not a hold bill (DEFAULT) '1' = Billing System Hold bill '2' = Manual Hold Bill 'D' = Predefined out of balance condition. This value is to be set when normal balancing and editing rules should be suspended as the account will not balance. 'T' = Test Account	
21	Arrears Indicator	X(1)	338	XDL	Indicates arrears billing for local service. This field must be populated with one of the values listed below. Valid values: ' ' = Default '1' = Arrears '2' = Advance	
22	National Bill Code	X(1)	339	XDL	Code used to denote participation in national bill and financial responsibility of the account in relation to the national bill. The default value for this field is spaces. Valid values: ' ' = Account is not part of a national bill arrangement (default) '1' = Constituent account in national bill arrangement – constituent account retains financial responsibility. '2' = Constituent account in national bill arrangement – financial responsibility is transferred to national bill master account. '3' = National bill master account – constituent accounts retain financial responsibility '4' = National bill master account with financial responsibility for constituent accounts.	
23	Total Bill Discount Amount - \$	S9(7)V99	340-348	SDR	This field should be populated with 'total bill' discount amounts related to multiple products, services and billing entities.  For NE accounts where this field is populated with a value other than zero:	

C T R	Record 10 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
					<p>TOTALCURRENT CHARGES - \$ + TOTALBILL DISCOUNT AMOUNT - \$ \$ = TOTALBILL AMOUNT - \$ \$</p> <p>The default value for this field is \$0.00</p>	
24	Late Payment Charge Rate	S9V99999	349-354	SDR	<p>This is the rate factor used to calculate the late payment charge. For accounts where the late payment rate is a composite of multiple rates, a flat fee, or is not available, this field is not applicable and is initialized.</p> <p>The default value for this field is zeroes.</p>	
25	AccountTaxStatus Indicator - Federal	X(1)	355	XDL	<p>This indicates if this account is subject to federal tax. The default value for this field is spaces if tax status is not available at the account level. Valid values: '0' = Taxable '1' = Tax exempt</p>	
26	AccountTaxStatus Indicator - State	X(1)	356	XDL	<p>This indicates if this account is subject to State tax. The default value for this field is spaces if tax status is not available at the account level. Valid values: '0' = Taxable '1' = Tax exempt</p>	
27	AccountTaxStatus Indicator -E911 Surcharge	X(1)	357	XDL	<p>This indicates if this account is subject to E911 surcharge. The default value for this field is spaces if tax status is not available at the account level. Valid values: '0' = Taxable '1' = Tax exempt</p>	
28	Fiber Account Code	X(1)	358	XDL	<p>Denotes the presence of one of more fiber lines on an account. To be used in obtaining FTTP metrics. The default value for this field is spaces. Valid Values: ' ' = default 'C' = no fiber provisioned lines on account (i.e. all copper) 'F' = one or more lines on account are fiber provisioned. 'W' = Wireless (Thunder)</p>	
29	AccountTaxStatus Indicator - Surcharge	X(1)	359	XDL	<p>This indicates if this account is subject to surcharge. The default value for this field is spaces if tax status is not available at the account level. Valid values: '0' = Surcharge applies</p>	



C T R	Record 10 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
					'1' = No surcharge applies	
30	Account Tax Status Indicator - Local	X(1)	360	XDL	This indicates if this account is subject to local tax. The default value for this field is spaces if tax status is not available at the account level. Valid values: '0' = Taxable '1' = Tax exempt	
31	TAR/TAX Code Information	X(8)	361-368	XDL	This contains a code representing the local taxing area. Used to determine taxpercentage. The values and format are jurisdictional defined. The default value for this field is spaces.	
32	Geo Code	X(12)	369-380	XDL	Geo Code associated with most commercial taxing software. May be populated with or without TAR code being populated. The values and format are jurisdictional defined. The default value for this field is spaces.	
33	Account Type Code	X(1)	381	XDL	Further classification of the account's class of service. The default value for this field is spaces. Valid values: 'A' = Abbreviated Bill 'G' = Government 'T' = Telco (a.k.a. Company official) 'C' = Concession Account 'D' = Direct Account 'N' = Centralized Account 'S' = Specialized Billing Account (will not have usage details even though usage charge code is present) Ex. Senate, House of Reps, TNS. 'U' = <b>Location / Service Index Summary bill</b> 'W' = Wireless 'E' = <b>Location/Service Detail Summary bill</b> 'X' = Affiliate resale account	
34	Resale Discount Amount - \$	S9(9)V99	382-392	SDR	This field is needed in the South where the Reseller discount is calculated and applied at the "bottom of bill". This field is not needed in the North where the Reseller discount is calculated and applied at the product level. The default value for this field is \$0.00	
35	Pending Legal Action - \$	S9(9)V99	393-403	SDR	This field identifies accounts that have any charges that are pending legal action. This is only applicable in the NY area. The default value for this field is zeroes.	
36	Future Late Payment Rate	S9V99999	404-409	9DR	This is the rate factor used to calculate the late payment charge in a future month.  For accounts where the late payment rate is a composite of multiple rates this field is not	

C T R	Record 10 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
					applicable and is initialized.  The default value for this field is zeroes.	
37	Amount Subject to Late Payment - \$	S9(9)V99	410-420	9DR	This field identifies the amount of current charges that the late payment charge is based on. The default value for this field is zeroes.	
38	Payment Option Code	9(1)	421	9DR	This field specifies the type of payment option on an account and whether the payment option is new, existing or removed. Valid values: 0 = Default 1 = Direct Payment Option - New 2 = Direct Payment Option – Existing 3 = Direct Payment Option – Removed 4 = Credit Card Option – New 5 = Credit Card Option - Existing 6 = Credit Card Option - Removed 7 = Direct Debit Option – Existing 8 = Debit Card	
39	Pending Late Payment Charge Amount - \$	S9(9)V99	422-432	SDR	This field contains the amount due if the current invoice is paid after the current pay by date. The default value for this field is zeroes.	
40	Toll Cap Amount - \$	S9(9)V99	433-443	SDR	This field contains the amount of Toll Cap applicable to an account. If greater than zero, indicates the presence of a toll cap. The default value for this field is zeroes.	
41	Competitive Service Type	X(1)	444	XDL	Describes the competitive service type of charges on an account. The default value for this field is spaces. Valid values: ' ' = default 'F' = FCC billing 'L' = Verizon LD	
42	Account Association Code	X(1)	445	XDL	Describes as sociation or arrangement/grouping account belongs to. Applicable to national discounting groupings, etc. The default value for this field is spaces. Valid values: ' ' = default 'A' = Account Level Processing	

C T R	Record 10 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
					'C' = Converged Health Management 'G' = Global Consolidated Payment 'I' = National ICB arrangement 'M' = Virtual Visits 'S' = National Summary Bill 'V' = Verizon Bundle Engine	
43	Account Originating System ID	X(1)	446	XDL	This field maintains the originating system ID at an account level for accounts that are updated through a national configuration such as National ICB. The values are the same as the Account Bill System ID field on the 00/00 record. This field MUST be populated by all billing systems for all accounts. It is intended to provide users of VZ450 data information relative to the nuances of Vz450 format differences based on the billing system the account lives in versus the account that renders the bill to the customer. The default value for this field is spaces. Contains a code which represents the Billing System that 'owns' the account. Valid values: '1' = NY '2' = NE '3' = NPD '4' = MDVW Legacy (System Decommissioned) '5' = express TRAK '6' = CBSS '7' = CABS North '8' = CABS West '9' = CABS South 'A' = BOBCO (System Decommissioned) 'B' = SSB 'C' = CADE 'D' = Dispatch1 'G' = Arbor ASG 'H' = NBBE Enterprise Advanced 'I' = NBBE National Summary Statement 'I' = NBBE National Bill 'J' = Arbor VOL (System Decommissioned) 'K' = NBBE National Summary Bill 'L' = NBBE NICB (System Decommissioned) 'M' = Verizon Wireless iBAS	

C T R	Record 10 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
					'N' = IBRS 'O' = Vision 'P' = IXPLUS 'Q' = PLBS (SystemDecommissioned) 'R' = Mega Hyperstream (SystemDecommissioned) 'S' = Mega Audio Conference 'T' = F&E (SystemDecommissioned) 'U' = Toll Free Billing (SystemDecommissioned) 'V' = Digex/ABE (SystemDecommissioned) 'W' = MWAN (SystemDecommissioned) 'X' = GCS 'Y' = LBS 'Z' = IDB (SystemDecommissioned)	
44	Channel Code	X(2)	447-448	XDL	Indicates the Verizon channel that the account belongs to. Standard set of Channel Codes documented across all the systems producing the VZ450 Standard. Valid values: '01' = Enterprise Business '02' = General Business '03' = Consumer '04' = Wholesale '05' = Federal '06' = Corp Tel '07' = Public Communications '08' = Information Services '09' = Directory Services '10' = Carrier Access '11' = Operator Services '12' = Financial Services '13' = VSSI '14' = VNIC '15' = Wholesale Long Distance '16' = CLEC EAS '33' = ISP '35' = Premium '45' = Wholesale ISP	

C T R	Record 10 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
					'99' = Other 'AA' = Sold company - Enterprise Business 'BB' = Sold company - General Business 'CC' = Sold company - Consumer 'DD' = Sold company - Wholesale 'EE' = Sold company - Federal 'FF' = Sold company - Corp Tel 'GG' = Sold company - Public Communications 'HH' = Sold company - Information Services 'II' = Sold company - Directory Services 'JJ' = Sold company - Carrier Access 'KK' = Sold company - Operator Services 'LL' = Sold company - Financial Services 'MM' = Sold company - VSSI 'NN' = Sold company - VNIC 'OO' = Sold company - Wholesale Long Distance 'PP' = Sold company - Other 'QQ' = Sold company - ISP 'RR' = Sold company - Premium 'RT' = Sold company - Retained Account 'SS' = Sold company - Wholesale ISP 'TT' = Sold Company - Non-Assignable 'VW' = Verizon Wireless (for data received from iBAS ESG Portal Bill Only)	
45	Cost Center Indicator	X(1)	449-449	XDL	This field identifies accounts that have the Cost Center billing option. Valid values: ' ' = Non-Cost Center Billing Account 'Y' = Cost Center Billing Account	
46	Transfer Non Current Charges Amount - \$	S9(9)V99	450-460	SDR	Total amount of all debits and credits from the previous bill being transferred in or out.  This should only include charges related to the previous billing period and not include transfer charges from the current bill.  This equals the total of all 20/00 records with transaction category code = '4'. The charge amount populated in this field must pertain to the previous month's billing.  On a summary bill master account, transfers from summary bill subordinate accounts	

C T R	Record 10 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
					(transaction code = 90) that include charges from the previous month's bill should be reflected in this field.  The default value for this field is \$0.00.	
47	RAO	9(3)	461-463	9DR	Revenue Accounting Office responsible for creating or processing the file. The default value for this field is zeroes for systems that are not processed by RAO. This field should be populated with the Billing RAO (BAN level). Millennium will populate this field with their Billing Center.	
48	Company Code	X(4)	464-467	XDL	Code used to uniquely define each legal entity used for purposes of revenue allocation. The default for this field is spaces.	

### 4.5 Summary Account/Invoice Listing    Record Number 15

The definition of this record has been slightly expanded due to the addition of new billing systems to the plan. It now reflects the breakout of any account, (i.e. MAN or BAN), that consists of rolled-up charges from either sub-accounts or invoices.

Billing systems which utilize an “invoice billing” accounting method instead of the traditional “balance forward” accounting method will list their invoice numbers along with the invoice number’s associated current charges. Some of these systems, (i.e. SSB) have a summary billing option however the BAN doesn’t bear financial responsibility for, nor reflect a roll-up of, the Invoice charges (however the MAN does).

This record is only created where there is a Master – Sub, Master – Invoice, or Parent Child relationship. It is not created for stand-alone accounts.

A 15/00 record is not created for accounts in a merged billing arrangement.

On larger accounts there will be multiple occurrences of this record with the overflow indicator set in all but the last record.

C T R	Record 15 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
	CAP		1-175		See 4.2 for CAP definition.	
1	Account/Invoice Number of Occurrences	9(2)	176-177	9DR	Number of times the following data fields are repeated for multiple occurrences of similar data. The default value for this field is 01. Note: Zeroes are a valid value for this field for summary bill master accounts that are established with no subordinate accounts associated. A check should be performed to determine if 10/00 records exist for a subordinate account before allowing zeroes as a valid value.	
	Account/Invoice Area		178-537		The following fields (denoted by @) are multiplied from 1 to 12 times depending on the Account/Invoice Number of Occurrences field. Therefore, if record 15 is populated to capacity, positions 178-537 will display similar data for twelve satellite billed accounts/invoices on the bill.	
2	@Billed Account Number/Invoice number	X(13)	178-190	XDL	Identifies the Billed Account Number/Invoice Number of a billing satellite account. It will usually contain standard telephone number format of NPA, NXX, line number and customer code. If the system producing the record doesn’t have a standard telephone format for this field it will be populated and accessed at the	

C T R	Record 15 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
					GRP level, left justified.	
3	@ Total Account Charge - \$	S9(9)V99	191-201	SDR	Total amount due for this billed account number/invoice. The default value for this field is \$0.00. This equates to the Total Bill Amount - \$ field on the 10/00 record for the summary bill subordinate account. The sum of all the Total Account Charge - \$ field equates to Total Billed Charges – Sub Accounts-\$ field on the 10/00 record for the Summary Bill master.	
4	@ Account Bill Date	9(6)	202-207	9DR	This is the bill date of the summary bill subordinate account. Format is YYMMDD.	



**4.6 Related Invoice Listing Record Number 16**

This record is only created where there is a Parent/Child relationship in a non-balance forward billing system where all related accounts are reported regardless of whether an invoice is issued or not, and where customer name and address information is displayed.

It is not created for stand-alone accounts. This record should be created only when there are related invoices to be displayed.

It is used in lieu of the 15/00 record.

On larger accounts, there will be multiple occurrences of this record with the overflow indicator set in all but the last record.

C T R	Record 16 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
	CAP		1-175		See 4.2 for CAP definition.	
1	Related Invoice Number of Occurrences	9(2)	176-177	9DR	Number of times the following data fields are repeated for multiple occurrences of similar data. The default value for this field is 01	
	Related Invoice Area		178-2037		The following fields (denoted by @) are multiplied from 1 to 12 times depending on the Account/Invoice Number of Occurrences field. Therefore, if record 16 is populated to capacity, positions 178-2037 will display similar data for twelve satellite-billed accounts/invoices on the bill.	
2	@Related Invoice number	X(25)	178-202	XDL	Identifies the Related Invoice Number of a billing satellite account. If no current invoice is available, the Related Invoice Number is displayed as 'N/A'. The default value for this field is 'N/A'.	
3	@Related Customer Number	X(13)	203-215	XDL	Identifies the Related Customer/Account Number of a billing satellite account. The default value for this field is spaces.	
4	@Related Customer Name	X(60)	216-275	XDL	Identifies the Related Customer/Account Name of a billing satellite account. The default value for this field is spaces.	
5	@Related Customer City Number	X(40)	276-315	XDL	Identifies the Related Customer/Account City or Location of a billing satellite account. The default value for this field is spaces.	
6	@Related Invoice Charges	S9(13)V(4)	316 - 332	SDR	Amount of Related Invoice. The default value of this field is zeroes.	

### Child Advice/Invoice Listing Record Number 17

This record reflects the listing of every child account - either an advice or invoice - that is associated with a parent. It is reported at every parent level.

It is created for stand-alone accounts (Summary Billing Indicator '1') or non-remitting statements (Summary Billing Indicator '8'), that are part of a hierarchy with dependent accounts.

On larger accounts, there will be multiple occurrences of this record with the overflow indicator set in all but the last record.

C T R	Record 17 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
	CAP		1-175		See 4.2 for CAP definition.	
1	Account/Invoice Number of Occurrences	9(2)	176-177	9DR	Number of times the following data fields are repeated for multiple occurrences of similar data. The default value for this field is 01.	
	Related Invoice Area		178-657		The following fields (denoted by @) are multiplied from 1 to 12 times depending on the Account/Invoice Number of Occurrences field. Therefore, if record 17 is populated to capacity, positions 178-657 will display similar data for twelve satellite billed accounts/invoices on the bill.	
2	@ Advice/Invoice Customer Number	X(10)	178-187	XDL	Advice/Invoice Account ID of the dependent account.	
3	@ Advice/Invoice Number	X(10)	188-197	XDL	Advice/Invoice Document ID of the dependant account.	
4	@ Advice/Invoice Date	9(6)	198-203	9DR	Advice/ Invoice document date as YYMMDD.	
5	@ Advice/Invoice Hierarchy Level Code	9(2)	204-205	9DR	Integer representing the hierarchy level of the Advice/Invoice. 0 represents the Root Advice/Invoice.	
6	@ Advice/Invoice Type	X(1)	206-206	XDL	Code representing the type of account. 'A' = Advice 'I' = Invoice 'N' = None node	
7	@ Advice/Invoice Total Charge - \$	S9(9)V9(2)	207-217	SDR	Total Advice/Invoice Amount.	

**4.7 Payment & Adjustment Detail Record Number 20**

Details of payments, adjustments, transfers, and refunds applied to an account during the billing period.

- May occur for Summary Master (record level = 1) or billed accounts (record level = 5).
- Will not have associated sub-records or text records and will not continue (overflow).
- Note: all deposit transactions are reported on a 65 record and not here on the 20 record.
- Multiple record number 20s may occur.

C T R	Record 20 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
	CAP		1-175		See 4.2 for CAP definition.	
1	Transaction Code	X(2)	176-177	XDL	<p>Indicates the type of transaction represented on the record. Further defines the reason for this record. This field must be populated with one of the values listed below. There is no default of spaces for this field.</p> <p>NOTE: See Table of Values at end of document for classification of each transaction code.</p> <p>Valid values:</p> <ul style="list-style-type: none"> <li>'02' = Payment</li> <li>'03' = Payment Reversal - correction</li> <li>'04' = Advance payment</li> <li>'05' = Payment Reversal - backout</li> <li>'06' = Transfer payment – credit</li> <li>'07' = Prepayment Reversal</li> <li>'08' = Transfer payment – debit</li> <li>'09' = National Bill Payment</li> <li>'10' = Bogus payment</li> <li>'11' = Internal Adjustment</li> <li>'12' = Adjustment – credit</li> <li>'14' = Adjustment – debit</li> <li>'15' = Promotion Adjustment (promotion included in Adjustments against previous charges)</li> <li>'16' = Recovery of Uncollectible</li> <li>'18' = Uncollectible delayed tolls</li> <li>'20' = Canceled tolls</li> <li>'22' = Dishonored check</li> <li>'23' = Return check charge</li> <li>'24' = Uncollectible</li> </ul>	

C T R	Record 20 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
					'25' = Verizon Credit Card Rewards '26' = Transfer in credit balance '27' = USSL "E Rate" Discount '28' = Transfer in debit balance '29' = USSL "E-Rate" TaxDiscount '30' = Transfer out credit balance '32' = Transfer out debit balance '33' = Carryover Charge '34' = Refund balance '36' = Telegram charge back '37' = Calling Certificate '38' = Other-credit '40' = Other-debit '42' = Punched cash '44' = Partial cash '46' = Memo cash '48' = Bank draft '50' = Summary-credit '52' = Summary-debit '53' = Transfer – Live to Final '54' = Transfer – Final to Live '56' = Cash-key punched by Business Office '58' = Refer to agency '60' = Advance transfer to agency '62' = Defer to agency '64' = Scheduled transfer to agency '66' = Message rate Adjustment-credit '68' = Recourse advanced systems-credit '72' = Misc. charges & credits (other provider) '80' = Prepayment '82' = Deposit Applied '84' = Interest on Deposit '86' = Restoral Fee '88' = Restoral Fee credit '90' = Transfer To Summary Acct '91' = Transfer to National Summary Bill	

C T R	Record 20 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
					'92' = Transfer to Establish National Summary Bill '95' = Summarized Transfer '99' = Summarized Pay/Adj. 'CC' = Credit Card 'D*' = Reverse Deferred Payment Plan 'DC' = Disputed Charge 'DP' = Deferred Payment Plan 'NF' = Non-basic transfer to Final 'NK' = Non-basic leakage 'NL' = Non-basic transfer from Live 'OB' = Invoice Balance 'OI' = Original Invoice 'T1' = Transfer Monthly Charges due to Bankruptcy 'T2' = Transfer Other Charges and Credits due to Bankruptcy 'T3' = Transfer Usage Charges due to Bankruptcy 'T4' = Transfer Taxes due to Bankruptcy 'T5' = Transfer Surcharges due to Bankruptcy 'T6' = Transfer Balance due to Bankruptcy 'T7' = Transfer Discount Credit due to Bankruptcy 'T8' = Transfer Toll Money Due to Non-Payment 'TF' = Transfer from Treatment Account 'TT' = Transfer to Treatment Account 'W1' = Payment 'W2' = Adjustment to previous balance 'W3' = Deposit Refund 'W4' = Interest on Deposit 'W5' = Additional Deposit Due 'W6' = NSF Payment Reversed 'W7' = NSF Charge 'W8' = Other 'XD' = Bill Deferred Payment Plan in Full Note: All refund related transactions including deposit refunds, deposit interest, and deposit application will be reflected on a 6500 record.	
2	Bill Line Adjustment Code	9(2)	178-179	9DR	This indicates the line of the bill to which this adjustment applies. The default value for this field is zeroes. These values are locally defined when applicable.	

C T R	Record 20 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
3	Customer Audit Number	X(16)	180-195	XDL	<p>This is a locally negotiated field to assign a customer's identity code for audit trail purposes. It may be a purchase order number, government code, etc. For NBBE this field will contain the tracking number for credits and adjustments.</p> <p>For CABS payments and adjustments, this field will contain the entire CABS invoice number to which the payment/adjustment is being applied.</p> <p>For the fMCI billing systems this field will also contain the relevant invoice number to which a payment or adjustment applies.</p> <p>The default value for this field is spaces.</p>	
4	Transaction Date	9(6)	196-201	9DR	<p>Date that the originating billing system processed the transaction. Valid Format is YYMMDD. For transactions that require a 'From' and 'Through' date, this date will represent the Fromdate.</p> <p>The default value for this field is 000000</p>	
5	Transaction Amount. - \$	S9(9)V99	202-212	SDR	<p>Amount of money involved in the transaction.</p> <p>The default value for this field is \$0.00</p>	
6	Adjustment Transfer Tel Number	X(13)	213-225	XDL	<p>Contains the 'from' or 'to' account number on a transfer transaction. This field must be populated when the Transaction Category Code is set to '3' or '4'.</p>	
7	Pre-Bill Payment Indicator	X(1)	226	XDL	<p>This indicates whether a payment is pre billed or post billed.</p> <p>Valid values: ' ' = Post Billed Payment (default) '1' = Pre Billed Payment</p>	
8	Adjustment Level Code	X(1)	227	XDL	<p>The default value for this field is spaces.</p> <p>Valid values: 'A' = Account Level Adjustment 'B' = Current Period Unapplied Payment or Adjustment 'C' = Circuit Level Adjustment 'D' = Billed on Behalf of Adjustment 'T' = Valid Invoice Applied 'L' = WTN/Line Level Adjustment 'P' = Closed Transactions 'T' = Tax Adjustment 'U' = Unapplied Payment or Adjustment</p>	
9	Transaction Category Code	X(1)	228	XDL	<p>Classification of each Transaction Code type. This field is used to balance back to one</p>	

C T R	Record 20 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
					<p>of the following four (4) fields on the 10/00 record:</p> <ol style="list-style-type: none"> <li>1) Total Payments - \$ = (all Transaction Category Code Note: Payments on closed invoices (Adjustment Level Code = P) are not included.</li> <li>2) Total Adjustments - \$ = (all Transaction Category Code Note: Non-payments on closed invoices (Adjustment Level Code = P) are not included.</li> <li>3) Transfer Current Charges Amount - \$ = (all Transaction Category Code = 3)</li> <li>4) Transfer Non Current Charges Amount - \$ = (all Transaction Category Code = 4)</li> </ol> <p>NOTE: See Table of Values at end of document for rules for setting the Transaction Category Code. There is no default value for this field. It must be set to one of the valid values listed below. Valid values: '1' = Payment '2' = Adjustment related to Previous Charges '3' = Transfer of Current Charges '4' = Transfer of Non Current Charges '5' = Write-off transfer – does not balance to any record 10/00 field '6' = Original Invoice Amount on an Open Item – does not balance back to Total Payments or Total Adjustments field on record 10/00, as the A/R systems do not feed the fMCI billing systems. '7' = Invoice Balance on Open Item - does not balance back to any field on record 10/00, Current use is for open item billing in NBBE.</p>	
10	Text	X(100)	229-328	XDL	This is descriptive text to further clarify the payment or adjustment transaction. Descriptive Text MUST be provided for every record type 20/00.	
11	Originating Entity Code	X(5)	329-333	XDL	This is the entity that originated an adjustment. It is only expected that this field be populated when the associated entity is different than what is denoted in the ENTITYCODE field in the CAP. The default value for this field is spaces.	
12	Transaction Through Date	9(6)	334-339	9DR	End Date that the transaction applies to. Used in relation to adjustments when both 'from' and 'to' dates are required. Valid Format is YYMMDD. The default value for this field is zeroes.	

### 4.8 Current Charges Detail Record Number 25

This record is used to provide the detail of current charges for each billing entity. All fields on this record relate to this month's billing for the designated entity. Multiple records may be required if different From/Thru dates apply. There can be up to 18 charges identified in this record.

A 25/00 record MUST be produced for every account. The first occurrence of the 25/00 record must ALWAYS be populated with the 0100 charge code. Even if the total bill amount nets to \$0.00, a 25/00 record with the '0100' Charge Code and Charge Amount \$0.00 MUST be created.

Each Charge Code may appear once and only once per billing entity. An entity is defined by each unique entity code and/or combination of Invoice Billing Indicator = I when the entity code for an Invoice Ready Billing Provider is not unique.

Balancing for the 25/00 record is as follows.

All charge codes in the 25/00 record (may be one or multiple records) must add up to the '0100' charge code 'Charge Amount' populated in the first occurrence of the first 25/00 record for a billing entity.

The total of all '0100' charge code 'Charge Amounts' across all billing entities must add up to the Total Current Charges on the 10/00 record for the same account.

Note 1: In systems where tax amounts are estimated across details, there may be small discrepancies between detailed tax amounts and the total tax amount charged on the account. The discrepancies are multiplied by the number of accounts and taxes involved. These discrepancies are accepted by finance and the customer, and are excluded from the '0100' charge code balancing.

Note 2: The amount for charge code '1930' Verizon Wireless Account Level Charges and Credits are excluded from the '0100' charge code balancing for accounts billed by Verizon Wireless.

C T R	Record 25 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
	CAP		1-175		See 4.2 for CAP definition.	
1	From Date	9(6)	176-181	9DR	This is the start date of the effective period for this billed item. A valid From Date MUST be provided. Valid Format is YYMMDD.	
2	Thru Date	9(6)	182-187	9DR	This is the end date of the effective period for this billed item A valid Thru Date MUST be provided in most instances. However, revised final accounts (based on account status on record 10/00) may have a default Thru Date of	



C T R	Record 25 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
					000000. Valid Format is YYMMDD.	
3	Charge Code Number of Occurrences	9(2)	188-189	9DR	Number of times the following data fields are repeated for multiple occurrences of similar data. It contains the number of charge codes & amounts populated in this record. The first occurrence will always be "0100" total current charges. However, when a line of bill nets to zero, it is not printed on the customer bill, nor is an occurrence of the charge code created but the associated detail records are passed and included in the VZ450 file. Default value is 01.	
	Charge Code Area		190-459		The following fields (denoted by @) are multiplied 1 to 18 times depending on the Charge Code Number of Occurrences field. Therefore if record 25 is populated to capacity, positions 190-459 will display data for eighteen Charge Codes and Amounts.	
4	@Charge Code	X(4)	190-193	XDL	Code which identifies the type of current charge as related to the line of bill. It will vary by billing company. Combinations of charge codes are derivable and therefore will not be provided a unique charge code. This field must be populated with one of the values listed below. There is no default of spaces for this field. Valid values: '0100' = Total Current Charges '0110' = Recurring '0111' = Recurring Circuit Charges and Credits '0112' = Alchemy Charges '0113' = Alchemy Credits '0120' = Non-Recurring '0121' = Non-Recurring Circuit Charges and Credits '0130' = Summary of Recurring (Baseline) and Non-Recurring (Non-Baseline) Charges '0200' = Monthly Service Charges '0240' = Local Number Portability Surcharge (where represented as standalone line of bill) '0340' = CABS Monthly Access Charges '0345' = CABS Total Other Charges and Credits '0350' = CABS Total Usage Charges '0355' = CABS Total Taxes '0360' = CABS Total Surcharges '0400' = Other Charges and Credits '0410' = Telemanagement Charges '0450' = Service Charges	

C T R	Record 25 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
					'0460' = Feature and Other Charges '0470' = Internet Charges '0500' = Itemized Calls '0510' = Inter-Exchange Carrier Invoice Charges (Invoice Billing Carriers only) '0511' = Other Telecommunications Charges (casual and IRB carriers) '0530' = Usage Charges '0531' = Minimum Usage Charges (no detail) '0532' = Conference Calling Charges '0533' = Local Toll Calls '0534' = Long Distance '0550' = Usage Charges (applicable to VOL) '0570' = FiOS Video Charges '0600' = Directory Advertising '0700' = Local Usage '0705' = Measured Service '0710' = Message rate service (message units) '0725' = Local usage detail volume discount '0800' = Optional call plan '0801' = Additional Toll Discount '0802' = Local Usage Discount '0803' = 800 Service Discount '0804' = Rewarding Connections Discount '0805' = Business Bonus Plan '0806' = Corporate Rewards '0850' = Discounts and Promotions '0851' = Discounts '0852' = Credits '0853' = Price Cap Savings and/or Discounts '0854' = Minimum Spend (no details) '0855' = Overage (no details) '0856' = Rounding Difference (no details) '0857' = Adjustment '0900' = Directory Assistance* '0920' = Carryover Charge '1200' = Taxes '1201' = Tax, Surcharges, and Other Fees (combined)	

C T R	Record 25 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
					'1214' = LD Gross Receipts Surcharge '1215' = Gross Receipts Surtax '1216' = Tax Surcharge '1220' = Federal Tax '1221' = VAT '1225' = State Tax '1226' = Service Provider Tax '1230' = State Sales Tax '1233' = PST/QST '1234' = GST/HST '1235' = Other '1240' = City/Local '1245' = City-other '1250' = State-other County '1260' = Other Charges and Credits Taxes '1270' = Recurring Charges Taxes '1275' = State DSL Tax '1280' = Local Tax DSL '1285' = Local Option Sales Tax '1300' = Federal Transfer Surcharge '1301' = Federal, State and Local Surcharges '1305' = 911 Surcharge '1310' = WATS Surcharges '1315' = Relay Service Surcharge '1320' = VT Universal Service Fund '1325' = Service Coverage Surcharge '1330' = Securities Industry Service Fee (SIA) '1335' = Connecticut Surcharge '1336' = Massachusetts Property Tax Recovery '1337' = Property Tax Recovery '1338' = NY Municipal Construction Surcharge '1340' = COCOT Enforcement Fund Surcharge '1345' = Underground Cable Surcharge '1346' = Local Calling Surcharge '1350' = Invoice Surcharges (Combined Surcharges for Invoice Billing Carriers only) '1355' = VADI Surcharges '1360' = LD Universal Connectivity Charge	

C T R	Record 25 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
					'1365' = Federal Universal Service Fund (FUSF) Charge '1366' = Federal Universal Service Fund – Long Distance '1367' = FUSF Incidental Charges '1370' = Telecommunications Educational Access Fund '1375' = Public Right of Way Use Fee '1380' = Surcharge – Local Calling '1385' = Flex ANI Surcharge '1390' = Literacy Donation '1395' = State (Specific) Universal Service Fund '1400' = Other voice services '1410' = Recurring Voice Message Service '1420' = ISDN features '1435' = Local calling plans '1500' = USSL "E-Rate" Discount (no details) '1510' = USSL "E-Rate" Tax Discount (no details) '1550' = Late Payment Charges '1600' = Non-Voice services '1605' = Data Services/Switched 56kbps Service '1606' = IP Services '1607' = Equipment '1608' = Voice Services '1700' = Employee Credit '1800' = Misc. charges & credits (other provider) '1801' = miscellaneous Charges – National Bill only '1850' = DIAL-UP ACCESS SERVICES '1851' = DEDICATED ACCESS SERVICES '1852' = X.25 HOST INTERFACE SERVICES '1853' = MICRONODE PROCESSORS '1854' = INTERNATIONAL/GATEWAY ACCESS R '1855' = Managed Services '1856' = Framenet Services '1857' = ADDITIONAL SERVICES AND CHARGES '1858' = Discount Plan A '1859' = Monthly Minimum Adjustment '1860' = Discount Plan B '1861' = Other Invoice Amounts	

C T R	Record 25 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
					'1862' = Professional Services '1863' = Security Resale Services '1864' = WITS 3 (no details) '1865' = Government Services Administration (GSA) Connections (no details) '1866' = Government Services Administration (GSA) Connections II (no details) '1867' = Government Services Administration Schedule (GSAS) 70 (no details) '1868' = Infrastructure as a Service Blanket Purchase Agreement (IaaS BPA) (no details) '1869' = John Hopkins Hospital (no details) '1870' = GMS Management Fees (no details) '1871' = Rural Health Care Subsidy (no details) '1872' = Erate retro subsidy (no details) '1873' = Erate subsidy (no details) '1874' = Current Period Adjustments (no details) '1875' = Contract termination penalty (no details) '1876' = Broadband (MRC and NRC) '1877' = Advanced Services '1878' = Administrative Fees (no details) '1879' = Industrial Funding Fee – IFF (no details) '1880' = Healthcare Connect Fund (no details) '1881' = California Teleconnect Fund (no details) '1930' = Verizon Wireless Account Level Charges and Credits** '1882' = State Administrative Fees '1931' = Verizon Wireless Monthly Access Charges '1932' = Verizon Wireless Additional Services '1935' = Verizon Wireless Voice Usage Charges '1936' = Verizon Wireless Data Usage Charges '1937' = Verizon Wireless Fees, Taxes and Surcharges '1938' = Verizon Wireless Total Taxes ** '1940' = Verizon Wireless Equipment Charges '1942' = Roaming '1943' = Split Billing '1944' = Messaging '1945' = Third-Party Charges to Account '1946' = Third-Party Charges to Lines '1947' = Converged Health Management (no details) '1948' = Customer On-Boarding (no details)	

C T R	Record 25 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
					'1949' = Capacity Allocation (no details) '1950' = Platform Customization (no details) '1951' = Systems Integration/Testing (no details) '1952' = Updates to Standards of Care (no details) '1953' = Professional Service Charge For Facilitation (no details) '1954' = Training Support (no details) '1955' = Early Contract Termination (no details) '1956' = Late Fee (no details) '1957' = Account Reactivation (no details) '1958' = Verizon Wireless' Surcharges (no details) '1959' = Taxes, Government Surcharges & Fees (no details) '1960' = Virtual Visits Core Product Subscription (no Details) '1961' = Virtual Visits (no Details) '1962' = Item Charge For Device, Accessories, Collateral (no details) '1963' = Shipping Charge (no details) '1964' = Handling Charge (no details) '1965' = Taxes On UTI Charges (no details) '2000' = Total Contract Charges '2001' = Total Toll and Tariff Charges '2002' = Total Billed IXC Charges '2003' = Credit for Centralized Account Note: '2003' only appears on Summary Bill Master accounts whose subordinates are charged an AGF fee. This charge code is not supported by any details. '2004' = Purchases '2005' = Other Service provider Charges '2006' = Other Service provider Charges excluding Taxes  * For New England only: Charges associated with Directly Dialed Calls to Directory Assistance are in Charge Code 0900. Charges associated with Operator Assisted Calls to Directory Assistance and Call Connect Service (Directory Assistance/Operator Call Completion) are included in Charge Code 0500.  ** For Verizon Wireless – Vision only: Charges associated with Split Billing must be combined with Verizon Wireless Monthly Access Charges and balanced to detail records supporting Verizon Wireless Monthly	

C T R	Record 25 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
					Access Charges. Some charges associated with Account Level Charges and Credits may be included in the Total Taxes amount.	
5	@Charge Amount - \$	S9(9)V99	194-204	SDR	This is the amount to be billed, on the line of the bill identified by the corresponding charge code. It may or may not include taxes. TaxDetail (25/30) records may follow to further detail tax amounts. Also it may or may not reflect the sum of multiple bill section sub-totals. Bill Section detail (25/50 Type Data 100) may follow to further detail bill section amounts. The default value for this field is \$0.00	

**4.9 Hierarchical Data Group Listing      Record Number 26**

This record is used to create associate data in hierarchical grouping outside of the current MAN, BAN, WTN circuit structure.

The first application will be the virtual circuit grouping for the NBBE bill for Enterprise Advanced services. Virtual circuit ids may be created to create a single grouping of existing physical circuits. This virtual circuit may group data across disparate geographical regions and for the purposes of billing, bill the virtual circuit as a single entity.

On larger accounts, there will be multiple occurrences of this record with the overflow indicator set in all but the last record.

This record does not pertain to Billing Account Code hierarchical groupings, or other hierarchical types of data groups currently populated in the Customer ID Code field in the CAP.

Helpful Hint: Hierarchical Data Group Listing records are currently supported by details that appear on 65/00 and 70/00 records. For the purposes of balancing details that appear on 65/00 and 70/00 records may be balanced to their associated 26/00 records using the Group ID and Charge code for the detail record. In addition, the 65/00 and 70/00 record ‘details’ can continued to be balanced at a charge code level to the corresponding charge codes on the 25/00 record.

In the future this record may be used for other types of hierarchical data groupings.

C T R	Record 26 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
	CAP		1-175		See 4.2 for CAP definition.	
I	Group ID	9(3)	176-178	9DR	A uniquely assigned code used to associate details formatted on multiple record types with data groupings identified via the 16/00 record. This code should be uniquely assigned per data grouping, per group type, per account. The current application and use of this field pertains to the NBBE bill for virtual circuit charges. The 16/00 record allows for the identification of one or more virtual circuits. By assigning each virtual circuit a unique code on the 16/00 record, individual detail records can be associated with the virtual circuit via the Group ID in the CAP portion of each detail record..	



C T R	Record 26 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
					<p>This concept can be applied generically to additional data types in the future.</p> <p>The default value for this field is zeroes.</p> <p>Sample “full month” Revolution Bill Bundles domain values include:                      ‘111’ = Standalone Bundle Discount                      ‘200’ = PSTN-DOUBLE                      ‘250’ = PSTN-FLEX-DOUBLE (Freedom Value + Wireless with MOC)                      ‘300’ = PSTN-TRIPLE                      ‘400’ = PSTN-QUAD                      ‘500’ = FiOS-DOUBLE                      ‘550’ = FLEX-DOUBLE                      ‘600’ = FiOS-TRIPLE                      ‘650’ = FLEX-TRIPLE                      ‘700’ = VERIZON-FLEX                      ‘800’ = FiOS-QUAD                      ‘900’ = Long Distance                      ‘901’ = Data Products                      ‘902’ = Professional Services                      ‘903’ = Equipment and Maintenance</p>	
2	Group Type	9(3)	179-181		<p>Field used to uniquely define the data grouping type.                      Valid values:                      000 = Populated as the ‘default’ only if other virtual circuit data is provided, but no virtual circuit is provided for a specific instance.                      001 = Virtual Circuit ID                      002= Account level Charges                      003= Circuit/Line/Site Charges                      004 = iobi Summary and Detail Group                      005 = Revolution Bill Bundle Group                      006 = Contract Specific Customer Billing</p>	
3	Group Description	X(50)	182-231	XDL	<p>Value associated with the data group type. In the case of virtual circuits, the virtual circuit id will be populated in this field.                      The default value for this field is spaces.</p>	
4	Group Data Number of Occurrences	9(2)	232-233	9DR	<p>Number of times the following data fields are repeated for multiple occurrences of similar data. It contains the number of charge codes &amp; amounts populated in this record.</p>	

C T R	Record 26 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
					Default value is 01. Valid values: 01 thru 15	
	Group Data Area		234-458		The following fields (denoted by @) are multiplied 1 to 15 times depending on the Group Data Number of Occurrences field. Therefore if record 16 is populated to capacity, positions 234 – 458 will display data for fifteen Charge Codes and Charge Amounts.	
5	@Charge Code	X(4)	234-237	XDL	This identifies the charge code to which the charge amount in this record can be associated for hierarchical grouping. The values are the same as the values for “Charge Code” on the 2500 record. See definition of “Charge Code on the 2500 record for more detail. This field must be populated with a valid charge code. There is no default value for this field.	
6	@Charge Amount -\$	S9(9)V99	238-248	SDR	This is the amount to be billed, on the line of the bill identified by the corresponding charge code. Charge amounts on this record represent total charges across hierarchical groupings of data (i.e. all monthly recurring charges for a virtual circuit). The default value for this field is \$0.00	

Example of Virtual Circuit

Verizon Entity

Summary of Charges that are in the 25 Current Charges record

Monthly Services	\$1000.00	Charge Code 0200
Other Charges and Credits	\$ 250.00cr	Charge Code 0400
Taxes, Credits and Surcharges	\$ 82.50	Charge Code 1201
Total	\$ 832.50	

Virtual Circuit Summary

1st 26 Record

Group ID = AAA

Group Type 001

Group Description Virtual Circuit USA, FDDZ 10001

Number of occurrences = 2

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Occurrence 1 = Charge Code 0200 = \$335  
Occurrence 2 = Charge Code 0400 = \$100cr

\*\*2nd 26 Record

Group ID = BBB

Group Type 001

Group Description Virtual Circuit USA, FDDZ 1002

Number of occurrences = 2

Occurrence 1 = Charge Code 0200 = \$335

Occurrence 2 = Charge Code 0400 = \$100cr

\*\*3rd 26 Record

Group ID = CCC

Group Type 001

Group Description Virtual Circuit USA, FDDZ 1003

Number of occurrences = 2

Occurrence 1 = Charge Code 0200 = \$330

Occurrence 2 = Charge Code 0400 = \$50cr

\*\*These three 26 records and their corresponding charge codes should balance back to the lines of bill. However, since you are also balancing the 65 and 70's records back to the 25 record you would use them for your balancing routine. Using both the 26 and the corresponding 65/70's would result in double charges and out of balance conditions.

New York Piece of Group USA, FDDZ 10101

70 Customer Service Records that cross reference the 1st 26 record

70 CAP Group ID AAA

70 Circuit ID 96, FDDZ 1095

70 Quantity = 1 Rate \$150 Billed Amount = \$150

New Jersey Piece of Group USA, FDDZ 1001

70 Customer Service Records that cross reference the 1st 26 record

70 CAP Group ID AAA

70 Circuit ID 96, FDDZ 1095

70 Quantity = 1 Rate \$185 Billed Amount = \$185

New Jersey Piece of Group USA, FDDZ 1001

65 OC&C Detail Records that cross reference the 1st 26 record

65 CAP Group ID AAA

65 Line Station ID 96, FDDZ 1095

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65 Billed Amount = \$100cr

CBSS Piece of Group USA, FDDZ 1002

70 Customer Service Records that cross reference the 2nd 26 record

70 CAP Group ID BBB

70 Circuit ID 46, FDDZ 1095

70 Quantity = 1 Rate \$300 Billed Amount = \$300

NPD Piece of Group USA, FDDZ 1002

70 Customer Service Records that cross reference the 2nd 26 record

70 CAP Group ID BBB

70 Circuit ID 46, FDDZ 1095

70 Quantity = 1 Rate \$35 Billed Amount = \$35

NPD Piece of Group USA, FDDZ 1002

65 OC&C Detail Records that cross reference the 2nd 26 record

65 CAP Group ID BBBBB

65 Line Station ID 46, FDDZ 1095

65 Billed Amount = \$100cr

VA Piece of Group USA, FDDZ 1003

70 Customer Service Records that cross reference the 3rd 26 record

70 CAP Group ID CCC

70 Circuit ID 77, FDDZ 1095

70 Quantity = 1 Rate \$300 Billed Amount = \$300

MD Piece of Group USA, FDDZ 1003

70 Customer Service Records that cross reference the 3rd 26 record

70 CAP Group ID CCC

70 Circuit ID 77, FDDZ 1095

70 Quantity = 1 Rate \$30 Billed Amount = \$30

MD Piece of Group USA, FDDZ 1003

65 OC&C Detail Records that cross reference the 3rd 26 record

65 CAP Group ID CCCCC

65 Line Station ID 77, FDDZ 1095

65 Billed Amount = \$50cr

### 4.10 Invoice Ready Bill Detail Record Number 28

This record will be used to resolve the issues currently present surrounding invoice ready-billed (IRB) format data. The development of various web applications have pointed out the need to limit the amount of coding required during a customer's online session. In the 6.2.3 release IRB processing was updated to have the missing IRB EMI text records passed within a VZ450 transmission at the file level as 0020 records. These records are then matched to the various phrase codes on the IRB EMI detail records i.e. 015121, 015122, 015123 and 015127. While this approach provides all the information required to process the IRB records passed from an inter-exchange carrier it requires that the application processing the data needs to put the text records together with the details resulting in extended development times and more importantly significant increases to processing time. To handle this situation this new record will be used to report the combined data of any invoice.

The process will flow as follows: The various billing systems will format the IRB records as already documented under the 75 and 00/20 record instructions detailed within this specification. The VAM Gateway will edit the records and then put them together within the 28 records.

C T R	Record 28 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
	CAP		1-175		See 4.2 for CAP definition.	
1	Bill Category Type	9(02)	176-177	9DR	A two-position numeric field, which contains values to identify the types of billing. (i.e. recurring, non-recurring, other charges, credits, etc.). Valid values are jointly defined by Inter-exchange carriers and local exchange carriers when appearing on an IEC IRB and are locally defined when appearing on a ILEC IRB. This field comes from the 015127 Bill Category type field.	
2	Bill Sub-Category ID	X(03)	178-180	XDL	A three-position right-justified alphanumeric field, which contains values that identify types of billing within the Bill Category Type. Valid values are jointly defined by Inter-exchange carriers and local exchange carriers when appearing on an IEC IRB and are locally defined when appearing on an ILEC IRB. This field comes from the 015127 Bill Sub-Category ID field.	
3	Bill Sub Category Sequence Number	9(02)	181-182	9DR	A two-position right-justified numeric field, which contains information as to the order of the records within Bill Category Type/Bill Sub category. This field comes from the 015127 Bill Sub-Category sequence number field.	
5	Billable Line Indicator	9(01)	183	9DR	A one-position numeric field which contains information indicating that the Billable Amount field is populated and which taxes are applicable. This field comes from the 015127 Billable Line Indicator field.	
6	Charge Type	X(01)	184	XDL	A one-position alphanumeric field used to categorize what type of charge and phrase text that appeared in the Billing-Phrase Summary (01-51-27).	
7	Classification	X(01)	185	XDL	In the Billing-Phrase Summary (01-51-27) record, this is a one position alphanumeric fields that indicates the revenue classification of the billable amount (i.e. regulated	

C T R	Record 28 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
					interstate, non-regulated interstate, state tax, etc.).	
8	Phrase Message Code	X(05)	186-190	XDL	A five-position right-justified alphanumeric field, which contains a code used in conjunction with the invoice billing phrase text record (43-51-04) for bill presentation. This field comes from the 015127 Phrase Message Code field.	
9	Font Family	X(08)	191-198	XDL	The font character set code. Most commonly used by mainframe applications using AFP printers. i.e. Times Roman, Sans Serif, etc. The default value for this field is spaces.	
10	Font Indicator	X(02)	199-200	XDL	A two-position alphanumeric field on the Invoice Billing Text Phrase (43-51-04) record that is used to identify a particular font style to be used when printing this string of text on the bill. i.e. regular, bold, italic, underlined, etc.	
11	Combined Phrase Text	X(70)	201-270	XDL	This is the text string, which results after merging the static text from the 43-51-04 with the variable text from the 01-51-27.	
12	Billable Amount	S9(9)V99	271-281	SDR	An 11-position signed numeric field, which contains the amount of billing, associated with a phrase on a billable Message Invoice Billing-Phrase Summary (01-51-27) record.	

**4.11 Summarized Service Charges(non-derivable) Record Number 29**

This record is used for charges that are calculated at a summarized service level that cannot be calculated or derived at the detailed charge level.

C T R	Record 29 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
	CAP		1-175		See 4.2 for CAP definition.	
1	Product Grouping 1	9(6)	176-181	9DR	Represents the highest level of the product grouping. (e.g. Data Services) The default value for this field is spaces.	
2	Product Grouping 2	X(6)	182-187	XDL	Represents the second level of the product grouping. (e.g. Frame Relay) The default value for this field is spaces.	
3	Product Grouping 3	X(6)	188-193	XDL	Represents the third level of the product grouping. (e.g. 76K Port) The default value for this field is spaces.	
4	Reserved	X(25)	194-218	XDL	The default value for this field is spaces.	
5	Summarized Service Number of Occurrences	9(2)	219-220	9DR	Number of times the following data fields are repeated for multiple occurrences of similar data. It contains the number of charge type codes & amounts populated in this record. Default value is 01.	
	Summarized Service Area		221-340		The following fields (denoted by @) are multiplied 1 to 10 times depending on the Summarized Service Number of Occurrences field.	
6	@Summarized Service Charge Type Code	X(1)	221-221	XDL	Unique code that identifies the type of dollar amount associated with the Summarized Service amount field. The default value for this field is spaces. Valid values: ' ' = default '1' = Discount Amount '2' = Tax Amount	
7	@Summarized Service Charge Amount - \$	S9(9)V99	222-232	SDR	Dollar amount as associated with related Summarized Service charge type code. The default value for this field is zeroes.	
8	Reserved	X(25)	341-365	XDL	The default value for this field is spaces.	

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#### **4.12 Local Usage      Record Number 30**

- This is a multiple occurrence record that will be produced once per band or local usage grouping.
- Depending on the capabilities of the originating Verizon billing system, this record will give a breakdown of the rates and number of usage units in different time periods for this band.
- It may also track packet usage and other local usage oriented charges.
- Reports usage associated to the Local Service (or Class of Service) assigned to the line or billed account.
- Information is summarized at account (BAN) or line (WTN) levels.
- VZ3060 – Additional Usage Sensitive Detail & VZ3050 – Local Use records may be created

Note: Local Usage call detail is not available from most Verizon billing systems. Local Usage call detail, when available, will be mapped to the 6000 record.

##### Helpful Hint:

The presence of this record generally means that there are 60 call details marked with Indicator 28 = 1 (discounted call) and a Pricing Plan Code matching the one in the CAP of this record. Plans are identified by looking at the Pricing Plan Code that is populated in the CAP portion of this record. 30 records should not be passed without a pricing plan code.

Please note that not all billing systems pass local usage as itemized calls.

Note: The Min/Max Charge Indicator must be taken into account when balancing. Billed amount will only = the sum of Full Amount + Discount Amount + Operator Credit Amount + Prior Month Credit Amount + Usage Plan Detail Amount + usage allowance -\$ when the Min/Max Charge Indicator = spaces. An example of when the Min/Max Charge Indicator should be set to '1' to suspend balancing follows.  
30/00 Records may be created as follows.

**Note on balancing for NJ accounts with a local usage allowance. The line level initial usage and the line total usage amount will not add up to what is billed at the account level. The reason is because the allowance is applied at the account level and not on the individual lines. The Gateway edit process will need to be updated to suspend balancing for NJ accounts with an allowance or change balancing for accounts with an allowance to add up the initial usage/total usage per line and then subtract the allowance to come to the proper amounts for balancing,**



ACCOUNT NUMBER : 215 321 0127 733  
CARRIER : VERIZON NPD

BILL DATE : 100903  
PAGE NO : 00004

Page 4 of 8  
215 321-0127-733 06Y

Local calling October 9, 2003  
These are charges for calls not covered by your local calling option(s). Please refer to the customer guide in your telephone book for rate information and discounted rate periods.

Listing of your calls	Area	Rate	Calls	Minutes	Cos
	1	Day	16	Untimed	1.04
				Subtotal	1.04
				Allowance	-8.00
Total for local calling -Minus your employee discount					\$ .00

Level Code	Inclusion Code	Full Amount - \$	Discount Amount - \$	Billed Amount - \$	Comments
1	20	\$0.00	\$0.00	\$0.00	Contains line level local usage, no money reported. One record per line, per band (if band is applicable). In some cases money may be reported at the line level if it also appears this way on the paper bill.
1	20	\$0.00	\$0.00	B\$	Contains line level call plan data, money reported. One record per line, (if applicable). Not commonly used on the 35/00 record. One example of where this is used is the Weekend Choice Plan in NPD.
1	15	F\$	\$0.00	B\$	Contains line level summary. One record per line per pricing plan code. No account level summary is created. Applicable to Weekend Choice, as one example, in NPD.
0	20	\$0.00	\$0.00	B\$	Contains account level local usage 'detail' - part of summary

Level Code	Inclusion Code	Full Amount - \$	Discount Amount - \$	Billed Amount - \$	Comments
					supporting account level total. Note: there are valid conditions where the usage is not shown on this record as it is only applicable at the line level as it pertains to the display on the paper bill.
2	00	F\$	D\$ (if applicable)	B\$	Billing Agency Code level summary. Money only is totaled at this level. May exist in addition to line level detail (1/20) and account level detail (0/20).
0	15	F\$	D\$ (if applicable)	B\$	Contains account level local usage total dollar amounts. Usage is usually not summarized at this level. Contains any applicable discounts. Contains triggers to create subordinate 30/60 record. One per account. (charge code 0500). The triggers are the Additional Discount Type and Additional Discount Amount - \$ fields being populated.
0	00	F\$	D\$ (if applicable)	B\$	Contains account level local usage total dollar amounts. Usage is usually not summarized at this level. Contains any applicable discounts. Contains triggers to create subordinate 30/60 record. One per account. (charge codes 0700, 0705, 0710, 0725) The triggers are the Additional Discount Type and Additional Discount Amount - \$ fields being populated.

C T R	Record 30 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
	CAP		1-175		See 4.2 for CAP definition.	
1	Reserved	X(3)	176-178	XDL	The default value for this field is spaces.	
2	Level Code	X(1)	179	XDL	This represents the level of detail provided. This field must be populated with one of the values listed below. There is no default of spaces for this field. Valid values: '0' = Account '1' = Line	

C T R	Record 30 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
					'2' = Billing Agency Code(BAC)	
	Line Tel Number	X(10)	180-189	GRP	This is the line level telephone number for this record's item of usage. It may represent a billed number, or an informational field, such as the line for which usage has been recorded for billing. For billed-account level, this field is blank. (Working Telephone Number of CAP is also blank.) For line-level detail this field contains the telephone line-number reporting the usage. (Telephone Line-number includes NPA, NNX, and line-number. The Working Telephone Number of the CAP portion also contains this number.)	
3	NPA	X(3)	180-182	XDL	The default value for this field is spaces.	
4	Prefix	X(3)	183-185	XDL	The default value for this field is spaces.	
5	Line	X(4)	186-189	XDL	The default value for this field is spaces.	
6	Inclusion Code	X(2)	190-191	XDL	This code indicates how the charges are reflected on the bill. This field must be populated with one of the values listed below. There is no default of spaces for this field. Valid values: '00' = Account Level Summary (included in Charge Codes 0700, 0705, 0710, 0720, 0725) '15' = Account Level Summary (included in Charge Codes 0500, 1605) '20' = Included in summarized entry  For summary-level reporting inclusion code will be '00' . For line level and detail reporting inclusion code will be '20', included in summarized entry	
7	From Date	9(6)	192-197	9DR	This is the start date of the effective period for this billed item. A valid From Date MUST be provided. Valid Format is YYMMDD.	
8	Thru Date	9(6)	198-203	9DR	This is the end date of the effective period for this billed item. A valid Thru Date MUST be provided. Valid Format is YYMMDD.	
9	Band Indicator	X(1)	204	XDL	This indicates if this is a banded* usage record. This field is not populated on the account level summary record (level code '0', inclusion code '00') or BAC level summary (level code '2', inclusion code '00') because they represent a summary of multiple BANs. Valid values: '0' = No banding (DEFAULT) '1' = Banded '2' = Regional Call Banding '3' = Area Call Banding '4' = Zoned/Peak	

C T R	Record 30 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
					'5' = Central Office '6' = Local/Toll or Regional *Note - 'banding' is a common term used to indicate grouping by area.	
10	Band	X(2)	205-206	XDL	This represents the area in which a call terminates as defined by local banding techniques. See 'Table of Values' at the end of this document for values for this field. The default value for this field is spaces. Note: Although valid Band Values are documented in the Tables of values at the end of the document, the BAND should be specified and edited dynamically via the values provided via the 95/00 record.	
11	Usage Plan Indicator	X(1)	207	XDL	This information is attainable via the Pricing Plan Code fields in the CAP and therefore is grandfathered with version 1. The field will be converted to reserved in a future release. Valid values: '0' = No local usage plan (DEFAULT) '1' = Local usage plan	
12	Usage Plan USOC/USS Rating Code	X(5)	208-212	XDL	This information is attainable via the Pricing Plan Code fields in the CAP and therefore is grandfathered with version 1. For local usage 'umbrella' type plans (where a primary local usage plan is denoted with underlying secondary plans), this field will contain the secondary pricing plan code. This would be applicable for plans like CSP in NPD. This will be decoded on the 95/00 record. The default value for this field is spaces.	
13	Rate Change Indicator	X(1)	213	XDL	This indicates a rate change has occurred during the billing period. Fractionalization may be applied. Valid values: '0' = no rate change (DEFAULT) '1' = rate change has occurred	
14	Full Amount - \$	S9(9)V99	214-224	SDR	This is the amount that would be billed to the customer before application of any appropriate discount. This field may be populated with an amount other than \$0.00 on level code '0', inclusion code '00' records. The default value for this field is \$0.00	
15	Discount Amount - \$	S9(9)V99	225-235	SDR	This is the total amount of all discounts applied. The default value for this field is \$0.00	
16	Billed Amount - \$	S9(9)V99	236-246	SDR	This is the actual amount to be billed to the customer after application of any appropriate discount, and prior to the application of surcharges or taxes. The default value for this field is \$0.00	
17	Prior Month Credit Amount - \$	S9(9)V99	247-257	SDR	This is the credit given for last month's billing when delayed usage is billed on this month's bill. The default value for this field is \$0.00	
18	Casual Indicator	X(1)	258-258	XDL	The default value for this field is spaces.	

C T R	Record 30 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
					'0' = PIC Usage '1' = Casual Usage	
19	Summary Call Type	X(1)	259-259	XDL	Used to identify the usage type being summarized on this record. ' ' = not applicable 0 = Unknown 1 = Local Metered 2 = Local DA 3 = Local Free DA 4 = Free Local Metered 5 = Local Toll 6 = Operator Assisted 8 = Direct Dialed 9 = Directory Assistance A = Operated Assisted / Directory Assistance B = WATS C = Local/Optional Calling Plan D = Complex Service E = Carrier Access Local Usage	
20	Operator Credit Amount - \$	S9(7)V99	260-268	SDR	This is the amount for operator credits applicable to the local usage. The default value for this field is \$0.00	
21	Usage Plan Detail Charge Amount - \$	S9(7)V99	269-277	SDR	This is the charge associated with providing local usage detail/itemization to the customer. Note: Local usage detail/itemization is not available in all jurisdictions. The default value for this field is \$0.00	
22	Average Lines In Service	9(5)V99	278-284	9DR	This is the average number of lines in service for the billing plan. The default value for this field is zeroes	
23	Average per line Usage Amount	S9(9)V999	285-296	SDR	This is the average amount of usage per line applicable to the usage plan. The default value for this field is zeroes	
24	Reverse Billing Indicator	X(1)	297	XDL	This indicator designates in ward usage being billed. Valid values: 0 = no reverse billing (DEFAULT) 1 = Reverse billing applies	
25	Local Usage Number of Occurrences	9(2)	298-299	9DR	This is the number of times the following data fields are repeated for multiple occurrences of similar data. Default value is 00.	
	Local Usage Area		300-461		The following fields (denoted by @) are populated 0 to 3 times depending on the Local Usage Number of Occurrences field.	
26	@Usage Type Indicator	X(2)	300-301	XDL	This Indicates the type of usage units tallied in the usage increment fields .	

C T R	Record 30 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
					See 'Table of Values' at the end of this document for values for this field. The default value for this field is spaces.	
27	@Time Period	X(1)	302	XDL	This is the time period for which the usage was billed. Assign unique value per time period. Values as previously defined may be used if desired. Use 95/00 record to accurately decode each time period uniquely. See table of values at end of document for list of standard values.	
28	@Initial Usage	9(7)V999	303-312	9DR	This is the initial usage or basic allotment of usage for the measuring period. It may be single message units, calls, hours, packets, etc. The default value for this field is zeroes.	
29	@Additional Usage	9(7)V999	313-322	9DR	This is the additional usage beyond the initial rate period. It may be overtime, additional minutes, message units, second incremental usage, etc. The default value for this field is zeroes.	
30	@Rate Initial - \$	S999V9999	323-329	SDR	This is the rate for the initial usage. The default value for this field is \$0.00	
31	@Rate Additional - \$	S999V9999	330-336	SDR	This is the rate for the additional usage normally at a lower amount. The default value for this field is \$0.00	
32	@Discount Percent	V9(5)	337-341	9DR	This is the percent of discount applied to the initial usage. The default value for this field is zeroes. For IXPLUS, the discount percent can be up to and include 100%. Since this field only allows for discounts less than 100%, the field will contain zeros when the discount is 100%. The way to discern if an IXPLUS discount is 100% will be to compare Discount Amount to Billed Amount and when they are equal there is a 100% discount applied. All local usage is not discounted (contract specific), so this field may also contain zeroes when no discount applies.	
33	@Total Usage Amount - \$	S9(9)V999	342-353	SDR	This is the amount billed for the usage per time period per band, as applicable. The formula used to calculate this field is: $((\text{Initial Usage} * \text{Rate Initial}) + (\text{Additional Usage} * \text{Rate Additional})) * \text{Discount Percent}$ . The default value for this field is zeroes.	
34	Additional Discount Type	X(2)	462-463	XDL	This field is used to provide additional detail when a discount(s) has been applied. This indicates the type of overall discount(s) applied to local usage. See 'Table of Values' at the end of this document for values for this field. The default value for this field is spaces.	
35	Additional Discount Amount - \$	S9(9)V99	464-474	SDR	This field provides the total amount of discount applied when 'Additional Discount Type' (above) reflects a value. The default value for this field is \$0.00	
36	Min/MaxCharge	X(1)	475	XDL	This field is used to indicate the 'Billed Amount - \$' represents the application of a	

C T R	Record 30 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
	Indicator				minimum or maximum charge for a service. (Summary records only) Valid values: ' ' = Not applicable/default '1' = Minimum Charge Applied '2' = Maximum Charge Applied '3' = High level precision rating applied – balancing should be suspended	
37	Usage Allowance Amount - \$	S9(9)V99	476-486	SDR	This field is used to reflect the total amount, when applicable, of 'usage allowance' applied for a service. The default value for this field is \$0.00	
38	Plan Indicator	X(2)	487-488	XDL	This indicator is set when other plans are affecting the billing. For example some plans now receive credits for contractual agreements, which can be found in the Other Charges and Credits section of the bill. The default value for this field is spaces. Valid values: 'A ' = Business Link with Contract Plan 'B ' = Customer Specific Pricing – without six-second rating 'C ' = Customer Specific Pricing – with six-second rating	
39	Region Indicator	X(1)	489	XDL	This indicates if the region is the "home" region or one of the "other" regions. This should be populated for NY & NE. The default value for this field is spaces. Valid values: 'H' = Home Region 'O' = Other Region	
40	Allowance	9(4)	490-493	9DR	This field is used to reflect any applicable allowance applied to the service. This field may be used in reference to items such as calls, minutes, etc. When the allowance is unlimited the field will be populated with '9999'. The default value for this field is zeroes.	
41	Average Price per Minute - \$	9(1)V9999	494-498	9DR	Calculation of the Average Price Per Minute taking into account initial and additional rates. The default value for this field is \$0.00	
42	Band Name	X(13)	499-511	XDL	This is the text description of the distance band. Populated where available/applicable. The default value for this field is spaces.	

**4.13 Calling Plan      Record Number 35**

This record is used to accommodate local calling plans and/or optional calling plans. This record may be used for summarization at billed account, BAC or line level, or used to report call detail such as date, time, to-number, etc. It can be used to summarize both local usage, itemized call usage or product plans.

Plan and services discernible to an external customer packaging multiple elements and/or offering discounts should be mapped to this record. Generally offered plans and items not detailed as plans to customers on the paper bill should not be mapped to this record.

**Helpful Hint:**

The presence of this record generally means that there are 60 call details marked with Indicator 28 = 1 (discounted call) and a Pricing Plan Code matching the one in the CAP of this record. Plans are identified by looking at the Pricing Plan Code that is populated in the CAP portion of this record. 35 records should not be passed without a pricing plan code.

35/00 Records may be created as follows.

Level Code	Inclusion Code	Full Amount - \$	Discount Amount - \$	Billed Amount - \$	Comments
1	20	\$0.00	\$0.00	\$0.00	Contains line level call plan data, no money reported. One record per line, (if applicable). Not commonly used on the 35/00 record.
1	20	\$0.00	\$0.00	B\$	Contains line level call plan data, money reported. One record per line, (if applicable). Not commonly used on the 35/00 record. One example of where this is used is the Weekend Choice Plan in NPD.
1	15	F\$	\$0.00	B\$	Contains line level summary. One record per line per pricing plan code. No account level summary is created. Applicable to Weekend choice, as one example, in NPD.
0	20	\$0.00	\$0.00	B\$	Contains account level call plan 'detail' – part of summary supporting account level total. One or more record per account (if applicable) may be created depending on product/service.
0	00	F\$	D\$ (if applicable)	B\$	Contains account level local usage total dollar amounts. Usage is usually not summarized at this level. Contains any applicable



Level Code	Inclusion Code	Full Amount - \$	Discount Amount - \$	Billed Amount - \$	Comments
					discounts. Contains triggers to create subordinate 30/60 record. One per account. (Charge Codes 0200, 0600, 0700, 0705, 0710, 0720, 0725, 0900, 1410).
2	15	F\$	D\$ (if applicable)	B\$	Billing Agency Code level summary. Money only is totaled at this level. May exist in addition to line level detail (1/20) and account level detail (0/20).
0	15	F\$	D\$ (if applicable)	B\$	Contains account level call plan total dollar amounts. Usage is usually not summarized at this level. Contains any applicable discounts. Contains triggers to create subordinate 35/60 record. One per account. (Charge Code 0500, 1605)

C T R	Record 35 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
	CAP		1-175		See 4.2 for CAP definition.	
1	Reserved	X(2)	176-177	XDL	The default value for this field is spaces.	
2	Dummy Record Indicator	X(1)	178	XDL	This field indicates whether a 35/00 record is being created solely for the purpose of associating a subsequent Sub Record. ' ' = Not a dummy 35/00 record (default) 'D' = Dummy 35/00 Record	
3	Level Code	X(1)	179	XDL	This represents the level of detail provided. This field must be populated with one of the values listed below. There is no default of spaces for this field. Valid values: '0' = Account '1' = Line '2' = Billing Agency Code (BAC)	
4	Line Telephone Number	X(10)	180-189	XDL	This is the line level telephone number for this records item of usage. It may represent a billed number, or an informational field, such as the line for which directory assistance was rendered. Used when reporting line information (when level code='1'). This will be the same as	

C T R	Record 35 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
					the CAP working telephone number. The default value for this field is spaces.	
5	To Telephone Number	X(10)	190-199	XDL	When used for call detail this is the NPA, prefix, and line number called. The default value for this field is spaces.	
6	Inclusion Code	X(2)	200-201	XDL	This code indicates how the charges are reflected on the bill. This field must be populated with one of the values listed below. There is no default of spaces for this field. Valid values: '00' = Account Level Summary (included in Charge Codes 0200, 0600, 0700, 0705, 0710, 0720, 0725, 0900, 1410) '15' = Account Level Summary (included in Charge Code 0500, 1605) '20' = Included in summarized entry For summary-level reporting this will be '00' and/or '15'. For line level and detail level reporting this will be '20' and/or '15' - included in summarized entry.	
7	From Date	9(6)	202-207	9DR	This is the start date of the effective period for this billed item. When used for call/service detail this field is populated with the appropriate date of service. A valid From Date MUST be provided. Valid Format is YYMMDD.	
8	Thru Date	9(6)	208-213	9DR	This is the end date of the effective period for this billed item. When used for call/service detail this field is blank filled, otherwise a valid Thru Date MUST be provided. There are valid scenarios where a THRU DATE of zeros is acceptable. Valid Format is YYMMDD.	
9	Calling Plan Indicator	X(1)	214	XDL	This indicates the type of calling plan that applies to this record. Valid values: ' ' = No calling plan applies (default) '1' = Local calling plan '2' = Optional calling plan	
10	Product Identifier	X(5)	215-219	XDL	This field is used to store a valid product identifier. The default value for this field is spaces.	
11	Reserved	X(1)	220-220	XDL	The default value for this field is spaces.	
12	Full Amount - \$	S9(9)V99	221-231	SDR	This is the amount that would be billed to the customer before application of any appropriate discount. The default value for this field is \$0.00	
13	Discount Amount - \$	S9(9)V99	232-242	SDR	This is the amount of discount when calculated at the discount percent for usage increments. The default value for this field is \$0.00	

C T R	Record 35 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
14	Billed Amount - \$	S9(9)V99	243-253	SDR	This is the actual amount to be billed to the customer after application of any appropriate discount, (and prior to the application of surcharges or taxes). The default value for this field is \$0.00	
15	Calling Plan Fee Amount - \$	S9(7)V99	254-262	SDR	This is the charge for the calling plan detail provided to the customer. The default value for this field is \$0.00	
16	Call Type Indicator	X(1)	263	XDL	The default value for this field is spaces. Valid values: '1' = Direct dialed '2' = Calling card '3' = Domestic direct dialed '4' = International direct dialed '5' = Domestic calling card '6' = International calling card '7' = Inter-state '8' = International '9' = Intra-state 'A' = Outside selected area code 'B' = Other	
17	Time Period	X(1)	264	XDL	This is the time period for which the usage was billed. The default value for this field is spaces. Assign unique value per time period. Values as previously defined may be used if desired. Use 95/00 record to accurately decode each time period uniquely. See table of values at end of document for list of standard values.	
18	Time Used Indicator	X(2)	265-266	XDL	Identifies the value found in time used. The default value for this field is spaces. See 'Table of Values' at the end of this document for values for this field.	
19	Time Used	9(7)V999	267-276	9DR	Total number of hours or minutes of usage for the breakdown given. The default value for this field is zeroes	
20	Usage Type Indicator	X(2)	277-278	XDL	This indicates the type of usage units tallied in the usage increment fields. The default value for this field is spaces. See 'Table of Values' at the end of this document for values for this field.	
21	Initial Usage	9(7)V999	279-288	9DR	This is the initial usage or basic allotment of usage for the measuring period. It may be single message units, calls, hours, packets, etc. The default value for this field is zeroes.	
22	Additional Usage	9(7)V999	289-298	9DR	This is the additional usage beyond the initial rate period. It may be overtime, message units, second incremental usage, etc.	

C T R	Record 35 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
					The default value for this field is zeroes	
23	Rate Initial -\$	S999V9999	299-305	SDR	This is the rate for the initial usage. The default value for this field is \$0.00	
24	Rate Additional - \$	S999V9999	306-312	SDR	This is the rate for the additional usage normally at a lower amount. The default value for this field is \$0.00	
25	Discount Percent	V9(5)	313-317	SDR	This is the percent of discount applied to the initial usage. The default value for this field is zeroes	
26	Band Indicator	X(1)	318	XDL	This indicates if this is a banded* usage record. Valid values: '0' = No banding (DEFAULT) '1' = Banded '2' = Regional Call Banding '3' = Area Call Banding '4' = Zoned/Peak '5' = Central Office '6' = Local/Toll or Regional * Note - 'banding' is a common term used to indicate grouping by area.	
27	Band	X(2)	319-320	XDL	This represents the area in which a call terminates as defined by local banding techniques. See 'Table of Values' at the end of this document for values for this field. The default value for this field is spaces.	
28	Reserved	X(3)	321-323	XDL	The default value for this field is spaces.	
29	Additional Discount Type	X(2)	324-325	XDL	This field is used to provide additional detail when a discount(s) has been applied. The default value for this field is spaces. See 'Table of Values' at the end of this document for values for this field.	
30	Additional Discount Amount - \$	S9(9)V99	326-336	SDR	This field provides the amount of discount applied when 'Additional Discount Type' (above) reflects a value. The default value for this field is \$0.00	
31	Min/MaxCharge Indicator	X(1)	337	XDL	This field is used to indicate the Billed Amount - \$ represents the application of a minimum or maximum charge for a service. (Summary records only) Valid values: ' ' = Not applicable/default '1' = Minimum Charge Applied '2' = Maximum Charge Applied	
32	Additional Text	X(25)	338-362	XDL	This field is used for service information provider name or program description.	
33	Contract Agreement Indicator	X(1)	363	XDL	This field is used to identify usage detail when a contract agreement is in effect. Valid values:	

C T R	Record 35 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
					‘ ‘ = Not applicable/default ‘1’ = current month usage ‘2’ = accumulative month usage ‘3’ = Customer Specific Pricing without six-second rating ‘4’ = Customer Specific Pricing with six second rating	
34	Contract Agreement Type	X(2)	364-365	XDL	This field is used to identify the type of usage detail given when a contract agreement is in effect. Valid values: ‘ ‘ = Not applicable/default ‘IT’ = Inward Toll calling plan ‘OT’ = Outward Toll Calling Plan	
35	Reserved	X(16)	366-381	XDL	The default value for this field is spaces.	
36	Pricing Plan Code	X(2)	382-383	XDL	This field identifies the secondary service type that may appear under the umbrella of another service. The default value for this field is spaces.	
37	Allowance	9(4)	384-387	9DR	This field is used to reflect any applicable allowance applied to the service ; when the allowance is unlimited the field will be populated with 9999. The default value for this field is zeroes .	

**4.14 Rate Plan Usage Summary Record Number 36**

This record is used to report data related to a rate plan summary. This record must have a pricing plan code populated in the CAP. Each unique pricing plan code value should be decoded via a 95/00 record. Details can be related to a 36/00 record through the population of the same Pricing Plan code in the CAP of any related details records (i.e. 62/00 and 71/00).

C T R	Record 36 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
	CAP		1-175		See 4.2 for CAP definition.	
1	Plan Usage Type Indicator	X(2)	176-177	XDL	This Indicates the type of usage units tallied in the usage increment fields. The default value for this field is spaces. See 'Table of Values' at the end of this document for values for this field.	
2	Plan Usage Type	9(3)	178-180	9DR	Three byte field that defines the type of rate plan usage Type contained in the Plan Usage Type Count field. The default value for this field is zeroes Valid values: 001 = Available Usage 002 = Usage Used 003 = Remaining Usage	
3	Plan Usage	9(3)	181-183	9DR	Three byte field that defines the period to which the plan usage is applicable. The default value for this field is zeroes Valid values: 001 = Current Billing Period 002 = Prior Billing Period 003 = Next Billing Period	
4	Plan Usage Type Count	9(9)V9(4)	184-196	9DR	This field contains the count or usage quantity based on the Plan Usage Type Indicator. It may be minutes, calls, etc. The default value for this field is zeroes.	
5	Reserved	X(250)	197-446	XDL	The default value for this field is spaces.	

**4.15 CABS Usage      Record Number 37**

37/00 Records are created for various types of CABS usage. Usage included is as follows.

- Local Transport Usage Detail
- End Office Usage Detail
- Carrier Common Line Usage Detail
- Miscellaneous Usage Detail

All usage received on the BDT from CABS maps to this record. Applicable BDT record type are: 10350500, 10351000, 10351500 and 10352000.

**37/00 Records may be created as follows.**

Level Code	Inclusion Code	Full Amount - \$	Discount Amount - \$	Billed Amount - \$	Comments
1	20			B\$	Contains detail level CABS Usage data. One record per office, per usage type and/or per recording number (if applicable).
2	20			B\$	Subtotal level, available for various usage types as applicable. May exist in addition to detail level data. Subtotals are explicitly provided, as multiple types exist, and are needed to enforce proper balancing.
0	00			B\$	Contains account level CABS Usage total dollar amounts. Usage is usually not summarized at this level. One per account per level of usage.

C T R	Record 37 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
	CAP		1-175		See 4.2 for CAP definition.	
1	Reserved	X(3)	176-178	XDL	The default value for this field is spaces.	
2	Level Code	X(1)	179	XDL	This represents the level of detail provided. This field must be populated with one of the values listed below. There is no default of spaces for this field. Valid values:	

C T R	Record 37 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
					'0' = Account Summary '1' = Detail '2' = Subtotal	
3	Inclusion Code	X(2)	180-181	XDL	This code indicates how the charges are reflected on the bill. This field must be populated with one of the values listed below. There is no default of spaces for this field. Valid values:: '00' = Account Level '20' = Included in summarized entry For summary-level reporting inclusion code will be '00'. For detail level and subtotal level reporting inclusion code will be '20', included in summarized entry	
4	Usage From Date	9(6)	182-187	9DR	This is the start date of the effective period for this billed item. A valid From Date MUST be provided. Valid Format is YYMMDD	
5	Usage Thru Date	9(6)	188-193	9DR	This is the end date of the effective period for this billed item. A valid Thru Date MUST be provided. Valid Format is YYMMDD	
6	Jurisdiction Indicator	X(1)	194	XDL	A code which identifies the proper tariff jurisdictions (where applicable) of a charge or credit. There is no default value for this field. A value of '0' denoting non-jurisdictional is not valid for usage. Valid values: '1' = Interstate '2' = Intrastate '3' = Intrastate/IntraLATA '4' = Interstate/IntraLATA '5' = Local	
7	Summary Office Identification	X(11)	195-205	XDL	The COMMONLANGUAGE CLI code under which usage is aggregated. The default value for this field is spaces.	
8	Summary Office ID Indicator	X(1)	206	XDL	A code that denotes the type of office represented in the SUMMARYOFFICE IDENTIFICATION field. The default value for this field is spaces. Valid values: '0' = End Office '1' = Tandem '2' = Remote Office '3' = Dial Tone Office	
9	Transport Rate Element Indicator	X(1)	207	XDL	A code that denotes which transport rate element applies. The default value for this field is spaces.	



C T R	Record 37 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
					Valid values: '0' = Not Applicable* '1' = Transport facility mileage sensitive '2' = Transport termination '3' = Transport facility – non-mileage sensitive '4' = Shared (Common) Trunk Ports '5' = LIDB Transport '6' = LIDB Applications '7' = RIC/ACE (Residual Interconnection Charge/Access Connection Element) '8' = Multiplexing '9' = Banded 'A' = Tandem Switching 'B' = Facility/Banded 'D' = CONUS (Continental US) Transport 'E' = Intra-Alaska Transport 'F' = Intermediate (Transit) Tandem Transport 'G' = Blended Rates 'H' = Local Rates 'L' = Tandem Switch Termination 'M' = Tandem Trunk Side 'R' = Transit Local 'W' = Banded RIC 'Y' Expanded LATA-Wide Tandem Switching *A value of zero is only used when: Non Transport Two Element transport is not in effect Banded transport is not in effect Subtotal/Totals combined transport rate elements To indicate "OTHER" on Summary of Usage charges by CIC	
10	Routing Indicator	X(1)	208	XDL	A code which identifies how the usage was routed through the network. Valid values: '0' = Not Applicable* '1' = Direct Routed '2' = Tandem Routed '3' = TSP Direct Routed	

C T R	Record 37 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
					'4' = TSP TandemRouted *A value of zero is used when: <ul style="list-style-type: none"> <li>• routing is not applicable</li> <li>• routing cannot be determined (for unbundled charges)</li> <li>• subtotals/totals are combined at a higher level</li> </ul>	
11	End Office Traffic Type Indicator	X(2)	209-210	XDL	A code that identifies the type of traffic for the end office. The default value for this field is spaces. Valid values: '00' = Not applicable* '01' = Originating '02' = Terminating '03' = Originating Operator '04' = Originating 800 '05' = Terminating 800 '06' = Originating Multi 64 CCC '07' = Terminating Multi 64 CCC '08' = Originating International DDD '09' = Originating Domestic Dialing '10' = Originating Switched 56 KBPS '11' = Terminating Switched 56 KBPS '12' = Originating 900 '13' = Originating 800/900 '14' = Three Way Call Transfer Message Charge '15' = Originating SNC '16' = Terminating SNC '17' = Originating Messages/Attempts '18' = Originating Cellular '19' = Terminating Cellular '20' = Originating 700 '21' = Originating 500 '26' = Terminating EAS '28' = ISP (Internet Service Provider) MOU *A value of zero is used only when: <ul style="list-style-type: none"> <li>• Traffic type/directionality cannot be identified</li> <li>• Communicating subtotals or totals at a higher level</li> </ul>	
12	Common Line Element	X(2)	211-212	XDL	A code that identifies the traffic type and directionality or other methods of assessing	

C T R	Record 37 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
					<p>common line access charge.  The default value for this field is spaces.  Valid values:  '01' = Unidentified (Traffic Type/Directionality Unknown)  '03' = Originating 700/900  '04' = Originating 700  '05' = Originating MOU  '06' = Originating 500/700/800/900  '08' = Originating 900  '09' = Originating 800/900  '10' = Terminating MOU  '11' = Originating 800 Data Base  '12' = Terminating 800 Credit  '14' = Originating 700/800  '15' = Terminating 800  '16' = Originating Multi 64 CCC  '17' = Terminating Multi 64 CCC  '21' = Originating SNC  '22' = Terminating SNC  '30' = Non-800 Terminating Usage Charge  '33' = Originating Cellular  '34' = Terminating Cellular  '36' = Originating 500 Service  '50' = Access Line Charge (no traffic type or directionality required)  '51' = Terminating Interim Access Minutes  '52' = Terminating Universal Service Fund Minutes  '53' = Originating Interim Access Minutes V40  '60' = Originating Marketing Expense*  '61' = Terminating Marketing Expense*  '62' = Originating Non Common Line Marketing Expense*  '63' = Originating Multi 64 CCC Marketing Expense*  '64' = Terminating Multi 64 CCC Marketing Expense*  '90' = Common Line Subtotal  '91' = Total of All Discounts  '99' = Total Common Line  *Values 60, 61, 62, 63, and 64 are only applicable in the</p>	

C T R	Record 37 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
					Intrastate environment.	
13	Local Transport Element	X(2)	213-214	XDL	<p>A code that identifies the type of traffic to which local transport charges apply. The default value for this field is spaces.</p> <p>Valid values:</p> <ul style="list-style-type: none"> <li>'00' = Local Transport Equals Statistics*</li> <li>'01' = Unidentified (Traffic Type/Directionality Unknown)</li> <li>'02' = Originating Operator Handled 0+</li> <li>'04' = Originating Operator Handled 800</li> <li>'05' = Originating MOU</li> <li>'06' = 06 Originating 976 V15</li> <li>'07' = Originating Operator Handled 700</li> <li>'08' = Originating 800 Data Base</li> <li>'09' = Originating Operator Handled 900</li> <li>'10' = Originating Operator MOU</li> <li>'11' = Originating International Operator</li> <li>'12' = Originating Operator Pass Thru/MOU/OPH 0-/Operator Transfer</li> <li>'13' = Originating Operator Pass Thru/Messages/Operator Transfer</li> <li>'14' = Originating 00-Coin</li> <li>'15' = Originating Domestic Dialed MOU</li> <li>'16' = Originating Cellular</li> <li>'17' = Originating 500 Service</li> <li>'18' = Originating-Switched Data Service (ISDN Interconnected Traffic)</li> <li>'19' = Originating Telecommunications Relay Service(TRS)</li> <li>'20' = Originating IDDD MOU</li> <li>'21' = Originating-Switched 56 KBPS</li> <li>'22' = Originating -SNC</li> <li>'23' = Originating WATS MOU</li> <li>'24' = Originating 800 not PIL'D</li> <li>'26' = Originating-800 Common Line</li> <li>'27' = Terminating 800 Serv MOU</li> <li>'30' = Originating 900 Service MOU</li> <li>'31' = Originating 700 Service</li> <li>'32' = Terminating SNC</li> <li>'33' = Terminating Directory Assistance MOU</li> <li>'34' = Originating Coin 1+</li> </ul>	

C T R	Record 37 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
					'35' =Terminating MOU '36' = Terminating-Switched 56KBPS '38' = Terminating-Carrier Estimated '39' = Terminating-Cellular '40' = FG A Supplement '41' = Originating Directory Assist '42' = FG B Supplement '44' = Originating Coin 0+ '46' = Originating Credit Card '47' = Calling Card Count '48' = Billed Number Screening '49' = Calling Name (CNAM) '50' = Originating Line Number Screening (OLNS) '62' = Terminating-Switched Data Service (R1) '71' = Terminating IOPH '73' = Originating Local Trans Credit '74' = Terminating Local Trans Credit '81' = Terminating Out WATS-FGC '82' = Terminating IDDD '84' = Terminating - 800 not PIL'D '90' = Local Transport Subtotal '91' = Total of All Discounts '92 ' =Ttl Lcl Trans Fac Chg for Exchange Carrier (EC) '93' = Ttl Lcl Trans Term Chg for EC '94' = Ttl Lcl Trans Chg for EC '95' = State Subttl '96' = Ttl Lcl Trans RIC Chg for EC '97' = Total Tandem Switching Charge for EC '98' = Ttl Lcl Trans Muxing Chg for EC '99' = Local Transport Ttl' '9L' = Total Tandem Switch Termination '9M' = Total Tandem Trunk Side 'NA' = Minutes not Billed In Local Transport or Statistics Total Record** 'B1' = Common Transport-Fixed 'B2' = Originating 64 Clear Channel	

C T R	Record 37 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
					'B3' = Terminating 64 Clear Channel 'B4' = Originating Multi 64 CCC 'B5' = Terminating Multi 64 CCC 'B7' = Originating Operator Handled 500 'C1' = Operator-950 'C2' = Originating-950 'D1' = Debit Card 'D2' = Debit Card (International) 'F1' = Call Set Up 'F2' = Call Duration 'R2' = Terminating EAS V38 'R3' = ISP (Internet Service Provider) MOU 'H8' = Ttl. Transit Local *A value of "00" will only be populated on the 10-35-27(00) record when the Usage Statistics level of detail is displayed in the same manner as the Local Transport level of detail. **A value of NA is only allowed on the 10-35-27-00 record.	
14	Premium/Non-Premium Indicator	X(1)	215	XDL	A code that denotes whether a premium or non-premium rate is applied or when there is no distinction between premium and non-premium in the tariff. The default value for this field is spaces. Valid values: 0 = Not Applicable* 1 = Premium 2 = Non-premium 3 = Non-distinct 4 = Discounted Premium *A value of zero is used only when communicating subtotals/totals at a level	
15	End Office Element	X(2)	216-217	XDL	A code that identifies the major element applicable for the end office usage charges. The default value for this field is spaces. Valid values: '05' = Local Switching '10' = Line Termination '15' = Intercept '17' = DA Information Surcharge	

C T R	Record 37 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
					'18' = Information Surcharge Multi 64 CCC '19' = Call Set Up '20' = Message Unit Credit '21' = Common Switching '22' = Automatic Number Identification '23' = Called Directory Number Delivery '26' = 800 Data Base Query Charge '27' = 500 Data Base Query Charge '29' = 500 Service Customer Identification Charge(pre data base) '30' = Switched 56 KPBS Surcharge '31' = Blended Rate '35' = Initial Address Message Delivery '40' = Inter-Tandem Trunking (RCC) '43' = Bulk Calling Line Information Delivery '45' = Support Fund '46' = Multi 64 CCC Support Fund '47' = Interim Access '48' = Universal Service Fund '50' = Charge Number '51' = Equal Access Recovery Charge '54' = Tandem Signaling '60' Call Duration '71' Shared (Common) Trunk Ports '91' Total of All Discounts '99' End Office Total	
16	Usage Quantity Type Indicator	X(2)	218-219	XDL	A code that identifies the type of quantity of billable usage charges. The default value for this field is spaces. Valid values: '00' = Not Applicable '01' = Calls '02' = MOU '03' = Additional MOU '06' = Kilopackets '07' = Normal Set Up '08' = Screens '09' = Listings	

C T R	Record 37 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
					'10' = Records '11' = Hours '12' = Seconds '13' = Packets '14' = Queries '17' = Units '18' = Shortfall	
17	Usage Quantity	S9(11)	220-230	SDR	The quantity to which a usage rate is applied. The default value for this field is zeroes.	
18	Usage Rate	S9(2)V9(9)	231-241	SDR	The tariffed rate for the type of usage represented. The default value for this field is zeroes.	
19	Usage Amount - \$	S9(9)V9(2)	242-252		A specific usage charge. The usage indicators will identify the appropriate usage element or sub-element.	
20	Fractional Usage Quantity	S9(6)V9(5)	253-263	SDR	A number representing a fractionalization of circuits to be billed. The default value for this field is zeroes.	
21	Actual/Assumed Usage Indicator	X(1)	264	XDL	A code that identifies usage as being based upon actual recorded usage or assumed usage. Default value is spaces. Valid values: '0' = Not Applicable* '1' = Actual Usage '2' = Assumed Usage (Non Recorded) *A value of zero is only used when usage is flat rated (tariff required quantity) or when subtotals/totals combine actual, assumed and flat rated usage.	
22	Local Transport Location ID	X(11)	265-275	XDL	EC designation for the serving wire center of the access customer's point of termination. The default value for this field is spaces.	
23	Directionality Indicator	X(1)	276	XDL	A code that identifies directionality. The default value for this field is spaces. Valid values: '0' = Not Applicable* '1' = Originating '2' = Terminating *A value of zero is used when directionality does not apply or is unknown or when subtotals/totals are communicated at a higher level than directionality.	
24	Partial Period Ind	X(1)	277	XDL	Indicates the incidence (or lack thereof) of a change during the usage billing cycle. The default value for this field is spaces. Valid values:	



C T R	Record 37 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
					'0' = No change during usage billing cycle '1' = Change occurred, partial period is before change '2' = Change occurred for this partial period	
25	End Office/Common Carrier Line Indicator	X(2)	278-279	XDL	Indicates if the Usage data is End Office Usage Detail or Carrier Common Line Usage Detail. The default value for this field is spaces Valid values: '05' = Local Transport Usage Detail '10' = End Office Usage Detail '15' = Carrier Common Line Usage Detail '20' = Miscellaneous Usage Detail '25' = Local Service Usage Detail	
26	Rate Period Ind	X(1)	280	XDL	A code that denotes time periods applicable for rating purposes. The default for this field is space. Valid values: '0' = Not Applicable* '1' = Day '2' = Evening '3' = Night '4' = Peak '5' = Off Peak '8' = Shoulder Peak, Mid-range or mid-peak. 'H' = Holiday 'M' = Night/Weekend Rate V30 *A value of zero is used only when time of day rating is not in effect or when subtotals/totals are across time frames.	
27	Local Service Element	X(1)	281	XDL	A code that denotes which local service element applies. The default value for this field is space. Valid values: '0' = Not Applicable '1' = Interconnection '2' = 800 Access '3' = Operator '9' = Local Service Total	
28	Local Service Traffic	X(2)	282-283	XDL	A code that identifies the local service traffic type.	

C T R	Record 37 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
	Type Ind				The default value for this field is space. Valid values: '00' = Not Applicable '05' = Originating 800 Data Base '06' = 800 - Record Process '20' = Directory Assistance '25' = Directory Transport '50' = Services (Operator) '60' = Terminating MOU '90' = Subtotal Local Service	
29	Directory Assistance Type Ind	X(2)	284-285	XDL	A code that identifies the type of directory assistance usage charge. The default value for this field is spaces. Valid values: '00' = Not Applicable or Regular DA '01' = LEC Branding '02' = Branding '03' = Call Completion Messages '04' = Call Completion Conversation MOU* '05' = Live Operator '06' = Live Operator with Branding '07' = Local '08' = Toll '10' = Name & Address (Reverse DA) '11' = Telephone Number '12' = Expanded Area DA Search '13' = Branding Surcharge '14' = Telephone Number and Name and Address '15' = Credits '20' = Direct Access Single Listing V '21' = Electronic White Pages '22' = Direct Access Multiple Listings '33' = Non-Published Call Notification '34' = Direct Dial '35' = Business Category Search '40' = Unbranded	

C T R	Record 37 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
					'42' = Call Completion Attempts '51' = Short Message Service (SMS) '52' = Wholesale Automated Directory Assistance Call Completion (WADACC) '53' = Short Message Service (SMS)/ Wholesale Automated Directory Assistance Call Completion (WADACC) '55' = Returned Calls '56' = Introductory Messages '59' = Reverse DA Credit *Note: a value of zero is used when: 1) the charge is not related to Directory Assistance 2) the charge is related to Directory Assistance, but no distinctions are necessary 3) when communicating subtotal/total information	
30	Operator Services Type Ind	X(1)	286	XDL	A code that identifies the operator service category type of charge. The default value for this field is spaces. Valid values: '0 ' = Not Applicable '1 ' = Mass Announcement '2 ' = Busy Line Verification '3 ' = Call Interrupt '4 ' = 0+/Mechanized Operator Calls '5 ' = 0-/Operator Work Time 'N ' = Call Completion Termination 'O ' = Operator Handled/Partially Automated 'R ' = Recording Services *Note: a value of zero is used when: 1) the charge does not relate to operator services 2) there is no difference in rates for operator service categories 3) When communicating subtotal/total information	
31	Operator Type Ind	X(1)	287	XDL	A code that denotes the type of operator usage being billed or the type of operator surcharge being applied. The default value for this field is space. Valid values: '0 ' = Not Applicable* '1 ' = Calling Card '2 ' = Bill to Third '3 ' = Collect '4 ' = Calling Card - Operator Dialed	

C T R	Record 37 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
					'5 ' = Billed to Third - Operator Dialed '6 ' = Collect - Operator Dialed '7 ' = Operator Dialed 'A ' = Person to Person 'B ' = Traffic Service Positions (TSPS) 'C ' = TSPS/Mileage 'D ' = TSPS Not Customer Dialed 'E ' = Calling Card Mileage 'G ' = Automated Coin Toll Service Usage 'J ' = Branding 'K ' = Returned Calls 'R ' = Time and Charge 'S ' = Sent Paid 'T ' = Call Completion Attempts 'U ' = Call Completion Access 'V ' = Connection Services 'W ' = OLNS (Originating Line Number Screening) 'X ' = Emergency Assistance 'Y ' = Station to Station 'Z ' = Miscellaneous *A value of zero is used when: 1) the usage is not Operator services related 2) different rates for Operator Services do not apply 3) communicating subtotal/total information	
32	NPA/NXX	X(6)	288-293	XDL	The area code and central office for which local service charges apply. The default for this field is spaces.	
33	Feature Group	X(1)	294	XDL	An indicator denoting the Feature Group. The default value for this field is space. Valid values: 'A ' = Feature Group A 'B ' = Feature Group B 'C ' = Feature Group C 'D ' = Feature Group D 'G ' = Electronic Directory Assistance 'I ' = IntraLATA Wholesale Service 'L ' = Cellular Type 1 'Q ' = LATA Wide Paging	

C T R	Record 37 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
					'S' = Cellular Type 2A 'T' = Cellular Type 2B	
34	TandemIdentification	X(11)	295-305	XDL	The COMMON LANGUAGE CLI code of the access tandem through which traffic was routed. The default for this field is spaces.	
35	Carrier Identification Code - Detail	X(5)	306-310	XDL	A code assigned to a customer that is used to access a service. The default value for this field is spaces	
36	Cellular Usage Indicator	X(1)	311	XDL	This indicator will be used to identify cellular usage on switched access bills. The default value for this field is spaced. Valid values: '0' = Not Cellular Usage '1' = Cellular Usage* 'A' = Type 1 connection** 'B' = Type 2 connection** *Value 1 will only be used to identify cellular traffic on the Interexchange Carrier (IC) switched access bill. **Values A & B will only be used when there is a need to distinguish between type 1 and type 2 connections	
37	Miscellaneous Element	X(2)	312-313	XDL	A code that identifies the type of miscellaneous usage charges. The default value for this field is spaces. Valid values: '01' = Unidentified (Traffic Type/Directionality Unknown) '02' = Basic Rate '03' = Enhanced Rate '05' =Directory Assistance Calls '06' = Directory Assistance Requests '08' = 500 Data Base Query Charge '09' = 500 Service Customer Identification Charge '10' = Directory Transport Calls '11' = Tandem Signaling '15' = Network Blocked Calls '16' = Switched 56 KBPS '17' = 900 Service Customer ID Charge '18' = 800 Query Transport '19' = 800 Intrastate/IntraLATA MOU '20' = Local Information Service Calls	

C T R	Record 37 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
					'21' = Electronic DA Screens Viewed '22' = Dial It Detail '24' = Operator Pass Thru/Operator Transfer '25' = Operator Handled Service Calls '26' = Operator Additive '27' = Busy Line Verification '28' = Cellular MOU '29' = Call Interrupt '31' = Line Status Transport Calls '32' = Other Local Exchange Carrier Data Base Query Service '35' = Business Exchange Rate Charge '36' = Business Exchange Usage '37' = IntraLATA Carrier Common Line Rate '40' = End User Common Line Charge '41' = E911 Fee '42' = Software Network Capability Usage '44' = Line Information Data Base Validation (Per Query -Includes BNS & Calling Card Count) '45' = IntraLATA Wholesale '47' = Interexchange Carrier Access Charge '50' = Local EAS '51' = Voice Over IP Composite '52' = Voice Over IP '54' = Line Information Data Base Transport (Per Query -Includes all LIDB Applications) '55' = Equal Access Reconfiguration Charge '56' = Equal Access Cost Recovery Charge '57' = DA Information Surcharge '58' = Statewide Service Fund '59' = Statewide Service Fund Discount '60' = Start-Up Charges '61' = Calling Card Count '62' = Billed Number Screening '64' = Miscellaneous B&C ANI Messages '65' = Regulatory Proceedings '70' = 800 Data Base Query Charge '72' = Advanced Intelligent Network	

C T R	Record 37 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
					'73' = Credit Card Transactions '75' = 900 Blocking Cost Recovery Charge '76' = Call Set-Up '77' = Cellular Additive '80' = Carrier Common Line Surcharge '82' = Query of Last Resort '83' = Query for Hire '84' = Default Query Billing '90' = Miscellaneous Subtotal '91' = Total Miscellaneous Discount Amount '94' = Total Miscellaneous Charges for EC '99' = Total Miscellaneous 'A1' = Set Use Fee 'A2' = IntraLATA Compensation 'A9' = Electronic DA MOU 'B1' = Six Digit Master Number Line Turnaround 'B3' = IOS Automated Collect/Third Number Calls 'B4' = IOS Live or Partial Operator Seconds 'B5' = IOS Automated Calling Card Calls 'B6' = Interexchange Carrier Access Charge Multi 64 CCC 'B7' = DOS Automated Call Processing 'B8' = DOS Operator Assistance Calls 'B9' = DOS Call Recording 'C1' = DOS Call Rating 'C2' = DOS Interconnection Charges 'C4' = Contribution Charge 'C5' = Local Access 'C6' = Digital Companion Call Forwarding Query 'C7' = Digital Companion Caller ID Query 'D7' = 1+ Coin Completed Calls 'D8' = 1+ Coin Live Operator 'D9' = 1+ Coin Management Fee 'E1' = OLNS Query 'E2' = Calling Name Query 'F5' = Multi-Carrier Selection Capability Development Charge 'F8' = Data Query	

C T R	Record 37 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
					'F9' = Internet Service Provider MOU	
38	Miscellaneous Usage Rate	S9(4)V9(9)	314-326	SDR	The tariffed rate for the miscellaneous usage type represented.	
39	Mileage Quantity	9(3)	327-329	9DR	The number of airline miles between the recording end office and the serving wire center	
40	Mileage Band Indicator	X(1)	330	XDL	Code that identifies the mileage band for a specific service. The default value for this field is space. Valid values: '0' = Not Applicable '1' = Mileage Band 1 '2' = Mileage Band 2 '3' = Mileage Band 3 '4' = Mileage Band 4 '5' = Mileage Band 5 '6' = Mileage Band 6 '7' = Mileage Band 7 '8' = Mileage Band 8 '9' = Mileage Band 9	
41	Company Code	X(4)	331-334	XDL	The state specific EC company code. Default value for this field is spaces.	
42	Originating/Terminating Office Code	X(11)	335-345	XDL	The CLLI code of the End office in which traffic originates or terminates. Default value for this field is spaces.	
43	Network Path Indicator	X(1)	346	XDL	A code that separately identifies network path rating points. The default value for this field is space. Valid values: '0' = Not Applicable '1' = Serving wire center to dial tone office '2' = Dial-tone office to terminating end office '3' = Host office to remote office '4' = Serving wire center to host office '5' = Tandem to host '6' = HUB to host '7' = End office to tandem '8' = End office to HUB '9' = Dial-tone office to host 'A' = Serving wire center to terminating end office 'B' = Serving wire center to end office	



C T R	Record 37 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
					'C' = Serving wire center to tandem 'E' = Tandem to Tandem 'G' = End Office to End Office 'H' = TOPS to Terminating End Office 'J' = End Office to Gateway Tandem 'K' = Gateway Tandem to Host	
44	Network Point Identification Indicator	X(1)	347		A code that indicates at which point in the network that a charge is being assessed. The default value for this field is space. Valid values: '0' = Not Applicable '1' = End Office '2' = LTL/SWC '3' = Tandem '4' = Host '5' = Remote '6' = HUB '7' = Dial Tone Office '8' = Terminating Office ID '9' = Host/Tandem# 'A' = Host/Remote # 'B' = Gateway Tandem	
45	Reserved	X(105)	348-452	XDL	The default value for this field is spaces	

### 4.16 Equipment Service Summary Record 38

The 38/00 will be used to link equipment services with the services they enable. Each service that uses this equipment is represented by an occurrence in the 38/00 record. The 38/00 record gets linked to a 71/00 record via a phrase code.

C T R	Record 38 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
	CAP		1-175		See 4.2 for CAP definition.	
1	Phrase Code	X(8)	176-183	XDL	A unique code that is used to identify a particular type of charge. The code can be associated with the description. The default value for this field is spaces.	
2	Equipment Service Summary Number of Occurrences	PIC 9(2)	184-185	9DR	This is the number of times the following data fields are repeated for multiple occurrences of similar data. The default value is 01. Valid values: 01 through 10	
	Equipment Service Summary Detail Area		186-925		The following fields (denoted by @) are populated 1 to 10 times depending on the Equipment Service Summary Number of Occurrences field.	
3	@ Service Type Code	X(10)	186-195	XDL	Unique code that identifies a type of service. Field should be populated with spaces when Module 045 is attached to this record. The default value for this field is spaces.	
4	@Service ID	X(64)	196-259	XDL	Unique Code that identifies a service The default value for this field is spaces.	

### 4.17 Directory Assistance Record 45

This multiple occurrence record details the total number of Directory Assistance requests and billed charges during the month. Directory Assistance Call Completions\* are also reported. CALL 54 charges are also summarized via this record.

- These are usually bulk-billed charges summarized at the account level.
- When Directory Assistance Call Completions incur additional charges (i.e. toll, third number, calling card, etc.) the call is also reported via appropriate VZ6000 - Itemized Call Detail records.
- Currently this record provides information about Verizon-provided services only. National Directory Assistance is also summarized on this record.
- Directory Assistance 45/00 records should be created to reflect the presence of all usage reflected on the paper bill, even if the net result of the charge is \$0.00 due to allowances or discounts. Overall, usage should drive the creation of the records, not the actual net charge.

45/00 Records may be created as follows.

Level Code	Inclusion Code	Full Amount - \$	Discount Amount - \$	Directory Assistance Amount- \$	Comments
1	20	\$0.00	\$0.00	\$0.00	Contains line level Directory Assistance usage, no money reported. One record per line, per category as applicable.
0	20	\$0.00	\$0.00	B\$	Contains account level Directory Assistance 'detail' – part of summary supporting account level total. One record per account per category as applicable.
2	00	F\$	D\$ (if applicable)	B\$	Billing Agency Code level summary. Money only is totaled at this level. May exist in addition to line level detail (1/20) and account level detail (0/20).
0	00	F\$	D\$ (if applicable)	B\$	Contains account level Directory Assistance total dollar amounts. Directory Assistance usage is usually not summarized at this level. Contains any applicable discounts. Contains triggers to create subordinate 45/60 record. One per account.

C T R	Record 45 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
	CAP		1-175		See 4.2 for CAP definition.	
1	Directory Assistance Category	X(2)	176-177	XDL	<p>Specifies the type of Directory Assistance calls summarized for this account or line. This field specifies the type of Directory Assistance calls that are to be detailed. The default value for this field is spaces (account level summary)</p> <p>Valid values:</p> <ul style="list-style-type: none"> <li>'01' = Local</li> <li>'02' = Intrastate</li> <li>'03' = Intrastate/Intra-LATA</li> <li>'04' = Intrastate/Inter-LATA</li> <li>'05' = Interstate and/or International</li> <li>'06' = Interstate/Intra-LATA</li> <li>'07' = Interstate/Inter-LATA</li> <li>'08' = Corridor</li> <li>'09' = 411 only</li> <li>'10' = 555 only</li> <li>'11' = Combined 411 and 555</li> <li>'12' = Intrastate call completion</li> <li>'13' = Interstate call completion</li> <li>'14' = Subscriber Intrastate call completion</li> <li>'15' = Subscriber Interstate call completion</li> <li>'16' = Private Reach Service</li> <li>'22' = Operator Assisted intrastate</li> <li>'23' = National Directory Assistance – Intrastate (Massachusetts only)</li> <li>'24' = National Directory Assistance - Interstate</li> <li>'25' = Operator Assisted Combined 411 and 555</li> <li>'26' = Directory Assistance Credits</li> <li>'27' = National Directory Assistance Credits</li> <li>'28' = Intrastate &amp; Interstate Call Completion</li> <li>'29' = Intrastate &amp; Interstate National Directory Assistance</li> <li>'30' = DA Direct to Operator Surcharges'</li> <li>'54' = Customer Name and Address</li> <li>'60' = Business Category Search</li> <li>'99' = Unlimited (used when unlimited directory assistance calls are included as part of a plan. May include multiple existing Directory Assistance Categories.)</li> </ul>	
2	Level Code	X(1)	178	XDL	<p>This represents the level of detail provided.</p> <p>This field must be populated with one of the values listed below. There is no default of</p>	

C T R	Record 45 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
					spaces for this field. Valid values: '0' = Account '1' = Line '2' = Billing Agency Code(BAC)	
3	Line Tel Number	X(10)	179-188	XDL	This is the line level telephone number for this record's item of usage. It may represent a billed number, or an informational field, such as the line for which directory assistance was rendered. The default value for this field is spaces.	
4	Inclusion Code	X(2)	189-190	XDL	This code indicates how the charges are reflected on the bill. This field must be populated with one of the values listed below. There is no default of spaces for this field. Valid values: '00' = Account Level Summary (included in Charge Codes 0500 and 0900) '20' = Included in summarized entry For summary-level reporting inclusion code will be '00', For line level and detail level reporting inclusion code will be '20', included in summarized entry	
5	Number Directory Assistance Calls	9(5)	191-195	9DR	Total number of Directory Assistance calls recorded for the account for this category during the bill period. The default value for this field is zeroes.	
6	Operator Credits	9(3)	196-198	9DR	This is the count of operator credits for wrong Directory Assistance numbers during the bill period. The default value for this field is zeroes.	
7	Call Allowance	9(5)	199-203	9DR	Total number of Directory Assistance calls included for the account for this Directory Assistance category for the billing month. The default value for this field is zeroes.	
8	Number Billed Calls	9(5)	204-208	9DR	Number of requests to be billed for the account for this Directory Assistance category after the call allowance and operator credits have been applied. The default value for this field is zeroes.	
9	Directory Assistance Rate - \$	S999V999	209-214	SDR	Charge for each Directory Assistance call. The default value for this field is \$0.00	
10	Directory Assistance Amount - \$	S9(9)V99	215-225	SDR	This is the total Directory Assistance billed amount for the account for this Directory Assistance category. The default value for this field is \$0.00	
11	Reserved	X(1)	226	XDL	The default value for this field is spaces.	

C T R	Record 45 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
12	From Date	9(6)	227-232	9DR	This is the start date of the effective period for this billed item. A valid From Date MUST be provided. Valid Format is YYMMDD.	
13	Thru Date	9(6)	233-238	9DR	This is the end date of the effective period for this billed item. A valid Through Date MUST be provided. Valid Format is YYMMDD.	
14	Full Amount - \$	S9(9)V99	239-249	SDR	This is the amount that would be billed to the customer before application of any appropriate discount. In NY this is used for the pre-discounted charge amount when a customer has a Directory Assistance Volume Discount Plan. The default value for this field is \$0.00	
15	Discount Amount - \$	S9(9)V99	250-260	SDR	This is the amount of discount when calculated at the discount percent for usage increments. The default value for this field is \$0.00	
16	Additional Discount Type	X(2)	261-262	XDL	This field is used to provide additional detail when a discount(s) has been applied. This is currently only used in New York to report Directory Assistance Volume Discount Plan discounts and Additional Detail (4560) record(s) follow. See 'Table of Values' at the end of this document for values for this field. The default value for this field is spaces.	
17	Additional Discount Amount - \$	S9(9)V99	263-273	SDR	This field provides the amount of discount applied when 'Additional Discount Type' (above) reflects a value. The default value for this field is \$0.00	

### 4.18 Directory Advertising Record 50

Summarizes Directory Advertising charges on a customer's account.

- Availability of data varies from billing system to billing system
  - Directory Code & Directory Name are often not available
- Several billing systems now get Directory Advertising data passed to them via an Exchange Message Interface (EMI) invoice billing feed.
  - VZ7500 - Inter-Exchange Carrier Invoice Summary would be used to report data received via an invoice billing feed.

50/00 Records may be created as follows.

Level Code	Inclusion Code	Full Amount - \$	Discount Amount - \$	Billed Amount - \$	Comments
N/A	20	\$0.00	\$0.00	B\$	Contains account level local usage 'detail' – part of summary supporting account level total. One record per account per band (if applicable).
N/A	15	F\$	D\$ (if applicable)	B\$	Contains account level local usage total dollar amounts. Usage is usually not summarized at this level. Contains any applicable discounts. Contains triggers to create subordinate 50/60 record. One per account.

CTR	Record 50 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
	CAP		1-175		See 4.2 for CAP definition.	
1	Directory Advertising Category	X(2)	176-177	XDL	Defines the type of charges contained on the record. The default value for this field is spaces. Valid values: '01' = Directory Advertising Issue Billing '10' = Directory Advertising Monthly Billing '15' = Directory Advertising Adjustment-Credit '20' = Directory Advertising Adjustment-Debit '25' = Directory Advertising Sales '30' = Charge for Increase in Directory Advertising '35' = Charge for Decrease in Directory Advertising '40' = Directory Advertising Annual Billing	
2	Full Amount - \$	S9(9)V99	178-188	SDR	This is the amount that would be billed to the customer before application of any	

C T R	Record 50 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
					appropriate discount The default value for this field is \$0.00.	
3	Billed Amount. - \$	S9(9)V99	189-199	SDR	Actual amount to be billed after application of any appropriate discount The default value for this field is \$0.00..	
4	Directory Code	X(6)	200-205	XDL	This data element identifies the directory book name. The default value for this field is spaces.	
5	From Date	9(6)	206-211	9DR	This is the start of the effective period for this billed item. This represents the 'book from' date when Directory Advertising Category= '01' (Issue Billing). The default value for this field is 000000. Valid Format is YYMMDD.	
6	Thru Date	9(6)	212-217	9DR	This is the end of the effective period for this billed item. This represents the 'book to' date when Directory Advertising Category= '01' (Issue Billing). The default value for this field is 000000. Valid Format is YYMMDD.	
7	Number Effective Days	9(3)	218-220	9DR	This is the number of days for which the charge is being billed. The default value for this field is 000.	
8	Reserved	X(5)	221-225	XDL	The default value for this field is spaces.	
9	Number Additional Directories	9(2)	226-227	9DR	This is the number of additional directories by customer. The default value for this field is 00.	
10	Inclusion Code	X(2)	228-229	XDL	This code indicates how the charges are reflected on the bill This field must be populated with one of the values listed below. There is no default of spaces for this field. Valid values: '15' = Account Level Summary (included in Charge Code 0600) '20' = Included in summarized entry  For summary-level reporting inclusion code will be '15', For line level and detail level reporting inclusion code will be '20', included in summarized entry	
11	Directory Name	X(30)	230-259	XDL	This is the abbreviation or full name of the directory involved in the billing. The default value for this field is spaces.	
12	Sub Authorization Number	X(30)	260-289	XDL	This is an authorization number provided by the customer. The default value for this field is spaces.	
13	Directory Advertising Transfer Tel Number	X(16)	290-305	XDL	This group data element contains from or to account number that money was transferred to or from. The default value for this field is spaces.	
14	Directory Publish Date	9(6)	306-311	9DR	This is the date that the directory for a particular advertising charge was published. The default value of this field is spaces.	



C T R	Record 50 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
					FORMAT IS YYMMDD.	

### 4.19 Tiered Rating Structure Record 55

- This record is used to carry usage and charge information, which is rated on a tiered basis. It carries details as to the tiered bands, rates usage and overtime as applicable.
- There may be multiple records.
- This record applies to:
  - 'true' WATS services - inward and outward services, operating via dedicated access lines. Products, which provide WATS-like services (i.e. Virtual WATS) are reported using VZ3000 -Local Usage or VZ3500 - Calling Plan, record structures.
  - Toll Free Services (i.e. Verizon Toll Free, Verizon Standard Toll Free, etc.)
- Misc. Tier Rated Services (i.e. MVP, MVP Plus, Large User Plan and Remote Call Forwarding, etc.)
  - When required, Call Detail is provided via VZ6000 - Itemized Call Detail records.

**Helpful Hint:**

The presence of this record generally means that there are 60 call details marked with Indicator 28 = 1 (discounted call) and a Pricing Plan Code matching the one in the CAP of this record. Plans are identified by looking at the Pricing Plan Code that is populated in the CAP portion of this record. 55 records should not be passed without a Pricing Plan Code.

Please note that Tiered Rating Structure plans may or may not pass call detail depending on if the customer has requested it.

55/00 Records may be created as follows.

Level Code	Inclusion Code	Total WATS Charge - \$	Discount Amount - \$	WATS Charge - \$	Comments
1	20	\$0.00	\$0.00	\$0.00	Contains line level tiered rating structure usage, no money reported. One record per line, per category as applicable.
0	20	\$0.00	\$0.00	B\$	Contains account level tiered rating structure 'detail' – part of summary supporting account level total. One record per account per category as applicable.
2	15	F\$	D\$ (if applicable)	B\$	Billing Agency Code level summary. Money only is totaled at this level. May exist in addition to line level detail (1/20) and account level detail (0/20).
0	15	F\$	D\$ (if applicable)	B\$	Contains account level tiered rating structure total dollar amounts. Tiered Rating Structure usage is usually not summarized at this

Level Code	Inclusion Code	Total WATS Charge - \$	Discount Amount - \$	WATS Charge - \$	Comments
					level. Contains any applicable discounts. Contains triggers to create subordinate 55/60 record. One per WATS Type per account.

C T R	Record 55 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
	CAP		1-175		See 4.2 for CAP definition.	
1	WATS Number	9(11)	176-186	9DR	Indicates the WATS line number when applicable; contains the 800 service number or WATS line number to which the WATS usage will be billed for this account; usually the first number in the service group. For RCF, contains RCF number - the Station or billing number to which calls are forwarded. The default value for this field is spaces.	
2	Level Code	X(1)	187	XDL	This represents the level of detail provided. This field must be populated with one of the values listed below. There is no default of spaces for this field. Valid values: '0' = Account '1' = Line '2' = Billing Agency Code(BAC)	
3	Inclusion Code	X(2)	188-189	XDL	This code indicates how the charges are reflected on the bill. This field must be populated with one of the values listed below. There is no default of spaces for this field. Valid values: '15' = Account Level Summary (Included in Charge Code 0500) '20' = Included in summarized entry For summary-level reporting inclusion code will be '15', For line level and detail level reporting inclusion code will be '20', included in summarized entry	
4	Service Group	X(3)	190-192	XDL	Identifies the access lines and WATS or (for Pennsylvania or Delaware) MVP usage that is to be accumulated and combined for group average billing and discount by time of day. The default value for this field is spaces.	
5	WATS Type	X(1)	193	XDL	Indicates the type of WATS/MVP/RCF service	

C T R	Record 55 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
					The default value for this field is spaces. Valid values: '1' = Toll Free '2' = WATS '3' = RCF Rate Schedule A '4' = RCF Rate Schedule B '6' = Toll Free Service '7' = MVP '8' = Hour Plus '9' = MVP Plus	
6	WATS Band	X(1)	194	XDL	Rate Band used to apply WATS Rates. The default value for this field is spaces. Valid values: '0' = LATA Specific Service '1- 5' = Interstate Service '8, 9' = Intrastate domestic service 'D-F' = Canadian 800 (AT&T) 'J-L' = Carrier specific service 'R' = Intra Lata only 'S' = Intra Lata portion of add-on service 'T' = Inter Lata only 'U' = Inter Lata portion of add-on service	
7	Time Period	X(1)	195	XDL	Time period for which the usage is billed. Assign unique value per time period. Values as previously defined may be used if desired. Use 95/00 record to accurately decode each time period uniquely. See table of values at end of document for list of standard values.	
8	WATS Summary Indicator	X(1)	196	XDL	This identifies whether the WATS service is summary only or has associated WATS detail records (6000 records flagged with the appropriate usage service class). This indicator does not apply to Toll Free Service. If a customer indicates that they wish to receive their Toll Free Service details on their paper bill and incur the additional charge associated with this, they will also receive their Toll Free Service details in electronic format. If a customer does not receive their Toll Free Service details on their paper bill, they will not receive them in electronic format. This field must be populated with one of the values listed below. There is no default of spaces for this field. Valid values: ' ' = service has associated detail records	

C T R	Record 55 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
					'1' = service has no associated detail records (summary only)	
9	Time Used Indicator	X(2)	197-198	XDL	Identifies the value found in time used. See 'Table of Values' at the end of this document for values for this field. The default value for this field is spaces.	
10	Time Used	9(7)V999	199-208	9DR	Total number of hours or minutes of usage for the breakdown given. The default value for this field is zeroes.	
11	WATS Messages	9(9)	209-217	9DR	Total number of WATS/MVP/RCF messages for the breakdown given. It is used to determine equivalent hours/minutes. The default value for this field is zeroes.	
12	WATS Charge - \$/Billed Amount - \$	S9(9)V99	218-228	SDR	For WATS, contains the cost for the service group, band or time period. The default value for this field is \$0.00. Note: This field is synonymous with Billed Amount - \$ on other records	
13	Reserved	X(12)	229-240	XDL	The default value for this field is spaces.	
14	Message Rate - \$	S999V999	241-246	SDR	This is the rate charged for WATS messages in this band. The default value for this field is zeroes.	
15	Usage Rate - \$	S999V999	247-252	SDR	This is the rate charged for WATS messages on totals defined by the Time Used Indicator field. The default value for this field is \$0.00	
16	WATS Chargeable Time	9(7)V999	253-262	9DR	Total amount of WATS/MVP/RCF usage used to calculate the charges. Contains either equivalent hours/minutes (WATS message time) or actual hours/minutes (time used), whichever is higher. The default value for this field is zeroes.	
17	WATS Msg. Time	9(7)V999	263-272	9DR	Number of message hours or minutes used. Contains equivalent hours or minutes, which are number of messages divided by the minimum period. The default value for this field is zeroes. Equivalent time is the total messages divided by the minimum period quantity.	
18	Busy Condition Count	9(6)	273-278	9DR	Number of inward calls to an 800 Service number or group that could not complete because of a Busy Condition. The default value for this field is zeroes.	
19	Average WATS Lines In Service	9(3)V99	279-283	9DR	Average quantity of WATS or MVP lines or RCF paths in service for the breakdown given for the billing month. May be actual number of lines. The default value for this field is zeroes.	
20	Average Usage Per Line	9(6)V999	284-292	9DR	Average time used per WATS line, (time used divided by Average lines in service).	
21	Number of lines	9(3)	293-295	9DR	This is the total number of lines in service on bill day. The default value for this field is zeroes.	

C T R	Record 55 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
22	Total WATS Charge - \$/Full Amount - \$	S9(9)V99	296-306	SDR	For WATS, contains the total WATS charges for all time of day periods for the service group. It will only be populated in one of the time-of-day records within a service group. The default value for this field is \$0.00 Note: This field is synonymous with Full Amount - \$ on other records.	
23	Hours Used	9(7)V999	307-316		Contains 'total hours used to determine rates' variable. It is populated for 800 records. If usage is charged using only one set of rates (i.e. Time Period = "9", All Periods at Same Rate), then the value of this field will equal the value in the Time Used field. If usage is charged using peak and off-peak rates, then the value of this field will equal the value in the Time Used field in the peak record 55 plus the value in the Time Used field in the off-peak record 55. The default value for this field is zeroes.	
24	Reserved	X(7)	317-323	XDL	The default value for this field is spaces.	
25	Minimum Period Type	X(1)	324	XDL	Identifies the value found in minimum period. The default value for this field is spaces. Valid values: 'H' = Hours 'M' = Minutes 'S' = Seconds	
26	Minimum Period	9(6)V99	325-332	9DR	Minimum time period for WATS/MVP/RCFA usage increments. It is used to calculate equivalent WATS charge hours. The default value for this field is zeroes.	
27	Reserved	X(17)	333-349	XDL	The default value for this field is spaces.	
28	Additional Discount Type	X(2)	350-351	XDL	This field is used to provide additional detail when a discount(s) has been applied. See 'Table of Values' at the end of this document for values for this field. The default value for this field is spaces.	
29	Additional Discount Amount - \$	S9(9)V99	352-362	9DR	This field provides the amount of discount applied when 'Additional Discount Type' (above) reflects a value. The default value for this field is \$0.00.	
30	Plan Indicator	X(1)	363		This indicator is set when other plans are affecting the billing. For example, some plans now receive credits for contractual agreements, which can be found in the Other Charges and Credits section of the bill. The default value for this field is spaces. Valid values: 'A' = Business Link with Contract Plan 'B' = Customer Specific Pricing without six-second rating	

C T R	Record 55 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
					'C ' = Customer Specific Pricing – with six second rating	
31	Average Rate Per Minute - \$	V9(6)	364-369	9DR	This is the average rate per minute of use. The default value for this field is \$0.00	
32	Average Line Rating Code	X(1)	370	XDL	Used to denote scenarios where billing is based on average cost times the number of lines in service. For balancing the WATS-CHG-\$ (Position 218-228) on the 0/20 records multiplied by the NO-OF-LINES (position 293-295) on the 0/15 record = WATS-CHG-\$ (Position 218-228) on the 0/15 records. The default value for this field is spaces. ' ' = default 'A ' = TOTAL WATS Charge - \$ based on number of lines in use and average cost	
33	WATS Messages Display Code	X(1)	371	XDL	Used to define special processing scenarios related to the WATS messages field. The default value for this field is spaces. Valid values: ' ' = default 'T' = WATS Messages represent total messages for multiple tiers/rate increments. WATS messages for individual rate elements is not available, For purposes of display/balancing when this value is set, the WATS messages should be ignored.	
34	Reserved	X(2)	372-373	XDL	The default value for this field is spaces.	
35	WATS SIS number	9(4)	374-377	9DR	This is the special Identifying Supplement to the telephone number for Toll Free Service. The default value for this field is zeroes.	
36	Number of Rate Increments	9(2)	378-379	9DR	Number of rate increments for which billing is applied. It is used to indicate the number of Hour Factor/Hour Rate fields that are filled in this record. The default value for this field is 00.	
	Rate Area		380-469		The following fields occur 0 to 10 times depending on the “number of rate increments” field.	
37	@Hour Factor	9(3)	380-382	9DR	Number of allowed hours for this rate increment. The default value for this field is zeroes.	
38	@Hour Rate - \$	S999V999	383-388	SDR	Charge for the rate increment. The default value for this field is \$0.00	

**4.20 Itemized Call Detail Record Number 60**

This record contains the detail of long distance messages billed to an account. It is basically the Order and Billing Forum's Exchange Message Interface (EMI) with a CAP attached. Even though some telecommunications companies use EMI records to track such information as call pack, call plan usage, directory assistance summarization of usage, etc. there are other records in this plan for that purpose. This record 60 should only be used for itemized call detail of an inter-exchange nature and non-invoice ready.

C T R	Record 60 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
	CAP		1-175		See 4.2 for CAP definition.	
1	AggregatedBTN	X(10)	176-185	XDL	This is the Billing Telephone Number associated with the aggregated billing usage on a given usage sensitive plan. Currently populated for Customized NetSaver in NE only. The default value for this field is spaces.	
2	Account Code	X(10)	186-195	XDL	This field will contain the account code (validated or unvalidated) in relation to long distance call details. The default value for this field is spaces.	
3	OCN	X(5)	196-200	XDL	A four position alpha numeric field that identifies the EC administering the line assignment for the NNX. The default value for this field is spaces. This field will only be populated for VSSI LD usage as applicable.	
4	LATA Code	X(5)	201-205		A 4 position alpha numeric field containing the standard LATA codes as listed in the Bellcore Local Exchange Routing Guide. The default field for this field is spaces. This field will only be populated for VSSI LD usage as applicable.	
5	Reserved	X(3)	206-208	XDL	The default value for this field is spaces.	
6	Additional Discount Type	X(2)	209-210	XDL	This field is used to provide additional detail when a discount has been applied. See 'Table of Values' at the end of this document for values for this field. The default value for this field is spaces.	
7	Additional Discount Amount - \$	S9(9)V99	211-221	SDR	This field provides the amount of discount applied when 'Additional Discount Type' (above) reflects a value. The default value for this field is \$0.00	
8	Plan Indicator	X(1)	222	XDL	This indicator is set when other plans are affecting the billing. For example some plans now receive credits for contractual agreements and can be found in the OC&C. The default value for this field is spaces. Valid values:	



C T R	Record 60 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
					<p>'A' = Business Link with Contract Plan 'B' = Customer Specific Pricing - without six-second rating 'C' = Customer Specific Pricing - with six second rating</p> <p>For NBBE, this field stores a one-byte indicator for Credit Card Type. Values include: '1' = Anywhere '2' = Domestic '3' = Office Only</p>	
9	Key Rate Indicator	X(3)	223-225	XDL	<p>This field provides the 1, 2, or 3 character 'identification' for Key Rates associated with itemized calls as they appear on the paper bill. It identifies the time of day rating period and rate classification.</p> <p>This field should also be populated to denote toll symbols. Toll symbols are often used to denote tax applicability for individual call detail records as well call details that participate in a calling plan. This may be applicable to multiple jurisdictions.</p> <p>It is intended that this field capture the exact value for the toll symbol used on the paper bill. The value may be 1, 2, or 3 characters as applicable to the source billing system. This field may contain numbers, letters, symbols, or any of the three in combination.</p> <p>For example, in the Itemized Call Section of the bill in NPD, the last column is the itemized call detail display is labeled 'T'. At the bottom of the itemized call section is a footnote that states: 'T = Tax rate Applied:' Depending on the values that appear in column 'T', associated verbiage appears in the footnote as follows. In this instance the value 'A' would appear in column 'T' on one or more itemized call details. 'T = Tax rate Applied: A=7.25% In this example, 'A' would appear in the Key Rate Indicator field. The default value for this field is spaces.</p>	
10	15 Digit International To number	X(15)	226-240	XDL	<p>Since the base EMI record is full this field is used to accommodate a full presentation of the expanded international 'to telephone number'. When not applicable the field will be blank filled. The default value for this field is spaces.</p>	
11	15 Digit International From Number	X(15)	241-255	XDL	<p>Since the base EMI record is full this field is used to accommodate a full presentation of the expanded international 'from telephone number'. When not applicable the field will be blank filled.</p>	

C T R	Record 60 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
					The default value for this field is spaces.	
12	EMI Record	X(220)	256-475	XDL	<p>This is the standard EMI record used by exchange Carriers and provided to a customer today via ATIS Exchange Message Interface Document Issue 18 Revision 3. These are 'billable' messages.</p> <p>Default values can be found as part of the Exchange Message Interface documentation owned and maintained by ATIS. Further information can be obtained at <a href="http://www.atis.org">http://www.atis.org</a> under OBF (Ordering and Billing Forum).</p> <p>Category '31' records are currently 185 bytes long. As the last 10 bytes of data are found in the CAP, VZ450 provides 175 bytes of data.</p> <p>Itemized Call Details fall into the Category '31' series with the exceptions listed below:</p> <ol style="list-style-type: none"> <li>1. Category '41' - Customer Credits. Amount fields in the EMI record are not signed, (i.e. credits will not display a minus sign).</li> <li>2. Category '42' - Misc. Charge Record.</li> </ol> <p>NOTE: The From Place field on the EMI has been changed to FromPlace/CDAR. This field will hold either the FromPlace or the 5 digit Centrex Authorization Code (CDAR – Customer Dialed Account Recording).</p> <p>If Indicator '28' is equal to '1' exclude from balancing. All other values should be included for balancing.</p>	

**4.21 International Call Detail - Record Number 61**

This record will be produced by fMCII to represent the international detail usage. Due to the different nature of the various types of international usage details, the individual fMCII record types are being used in lieu of the EMI standard.

C T R	Record 61 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
	CAP		1-175		See 4.2 for CAP definition.	
1	Record Identifier	X(3)	176-178	XDL	A three character identifier that denotes the applicable fMCII call detail type. The default value for this field is spaces. Valid values: 'CYL' = GVV 'GBE' = GIS EMEA (International) 'GBI' = GIS GAMS (Domestic) 'GBZ' = Asiapac VOIP 'HMS' = Hemicard, IVOIP and WITS 'TLX' = Messaging (Telex) (SystemDecommissioned) 'MLE' = MillenniumEvent 'MLD' = Millennium Detail	
2	Call Detail Record	X(1250)	179-1428	XDL	The fMCII usage detail record is contained in its entirety in this portion of the record. See below for the following usage detail layouts: <ul style="list-style-type: none"> <li>• GIS/GVV (CYL/GBI);</li> <li>• MillenniumEvent (MLE);</li> <li>• MillenniumDetail (MLD)</li> </ul>	

**Usage Detail Layouts**

GIS/GVV (CYL/GBI):

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                                                    00010000
*****00020000
*          INTERNATIONAL CALL DETAIL RECORD          *00042000
*****00050000
                                                    00060000
    
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05	VMT61.		00070000
			00080000
07	VMT61-RECORD-ID	PIC X(3).	00090001
07	VMT61-CALL-DETAIL-RECORD	PIC X(1250).	00100001
07	VMT61-GBI-USG-DETAILS REDEFINES		00110003
	VMT61-CALL-DETAIL-RECORD.		00111001
10	VMT61-GBI-PROD-ELEM-ID	PIC 9(04).	00120003
10	VMT61-GBI-USAGE-TYPE	PIC X(02).	00130003
10	VMT61-GBI-SERV-INST-ID	PIC X(20).	00140003
10	VMT61-GBI-ACTUAL-DUR	PIC 9(10).	00150003
10	VMT61-GBI-TRANS-DATE	PIC X(08).	00160003
10	VMT61-GBI-TRANS-TIME	PIC X(06).	00170003
10	VMT61-GBI-DEST	PIC X(19).	00180003
10	VMT61-GBI-ORIGIN	PIC X(16).	00190003
10	VMT61-GBI-ORIG-CTRY-CODE	PIC X(03).	00200003
10	VMT61-GBI-DEST-CTRY-CODE	PIC X(03).	00210003
10	VMT61-GBI-BILL-DURATION	PIC 9(08).	00220003
10	VMT61-GBI-VOLUME-DISC-RATE	PIC 9(02).	00230003
10	VMT61-GBI-DURATION.		00240003
	15 VMT61-GBI-DUR-HR	PIC 9(02).	00250003
	15 VMT61-GBI-DUR-MIN	PIC 9(02).	00260003
	15 VMT61-GBI-DUR-SECS	PIC 9(02).	00270003
10	VMT61-GBI-RATE-PLAN-IND	PIC X(01).	00280003
10	VMT61-GBI-ORIG-SW-TRUNK	PIC X(07).	00290003
10	VMT61-GBI-TERM-SW-TRUNK	PIC X(07).	00300003
10	VMT61-GBI-REVENUE-OWNER	PIC X(03).	00310003
10	VMT61-GBI-INIT-RATE	PIC 9(3)V9(6).	00320003
10	VMT61-GBI-INCR-RATE	PIC 9(3)V9(6).	00330003
10	VMT61-GBI-ADD-CHARGE	PIC 9(3)V9(6).	00340003
10	VMT61-GBI-DAY-OF-WEEK	PIC X(01).	00350003
10	VMT61-GBI-RATED-ORIG-CTRY	PIC X(03).	00360003
10	VMT61-GBI-RATED-DEST-CTRY	PIC X(03).	00370003
10	VMT61-GBI-ORIG-NAME	PIC X(20).	00380003
10	VMT61-GBI-DEST-NAME	PIC X(20).	00390003
10	VMT61-GBI-COMPL-CODE	PIC X(01).	00400003
10	VMT61-GBI-ORIG-NPA-NXX	PIC X(06).	00410003
10	VMT61-GBI-ORIG-STATE	PIC X(02).	00420003
10	VMT61-GBI-TERM-NPA-NXX	PIC X(06).	00430003
10	VMT61-GBI-TERM-STATE	PIC X(02).	00440003
10	VMT61-GBI-CLI-IND	PIC X(01).	00450003
10	VMT61-GBI-GMT-DATE	PIC X(08).	00460003

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10	VMT61-GBI-GMT-TIME	PIC X(06).	00470003
10	VMT61-GBI-ORIG-CITY-NAME	PIC X(20).	00480003
10	VMT61-GBI-DEST-CITY-NAME	PIC X(20).	00490003
10	VMT61-GBI-SERVICE-LOCATION	PIC X(20).	00500003
10	VMT61-GBI-CALL-AMOUNT	PIC S9(6)V9(2).	00510003
10	VMT61-GBI-TRANSPORT-CHARGE	PIC S9(4)V9(2).	00520003
10	VMT61-GBI-TRANSPORT-CHG-FGN	PIC S9(4)V9(2).	00530003
10	VMT61-GBI-ORIG-TRANS-CHRG	PIC S9(4)V9(2).	00540003
10	VMT61-GBI-ORIG-TRANS-FGN	PIC S9(4)V9(2).	00550003
10	VMT61-GBI-PAYPHONE-SURCHRG	PIC S9(4)V9(2).	00560003
10	VMT61-GBI-PAYPHONE-SUR-FGN	PIC S9(4)V9(2).	00570003
10	VMT61-GBI-NCR-SURCHRG	PIC S9(4)V9(2).	00580003
10	VMT61-GBI-NCR-SUR-FGN	PIC S9(4)V9(2).	00590003
10	VMT61-GBI-MOBILE-SURCHRG	PIC S9(4)V9(2).	00600003
10	VMT61-GBI-MOBILE-SUR-FGN	PIC S9(4)V9(2).	00610003
10	VMT61-GBI-REC-SEQ-NUMBER	PIC X(10).	00620003
10	VMT61-GBI-PLAT-FEAT-QTY-1	PIC 9(04).	00630003
10	VMT61-GBI-PLAT-FEAT-QTY-2	PIC 9(04).	00640003
10	VMT61-GBI-PLAT-FEAT-QTY-3	PIC 9(04).	00650003
10	VMT61-GBI-PLAT-FEAT-QTY-4	PIC 9(04).	00660003
10	VMT61-GBI-PLAT-FEAT-QTY-5	PIC 9(04).	00670003
10	VMT61-GBI-PLAT-FEAT-QTY-6	PIC 9(04).	00680003
10	VMT61-GBI-PLAT-FEAT-QTY-7	PIC 9(04).	00690003
10	VMT61-GBI-PLAT-FEAT-CHRG-1	PIC S9(4)V9(2).	00700003
10	VMT61-GBI-PLAT-FEAT-CHRG-2	PIC S9(4)V9(2).	00710003
10	VMT61-GBI-PLAT-FEAT-CHRG-3	PIC S9(4)V9(2).	00720003
10	VMT61-GBI-PLAT-FEAT-CHRG-4	PIC S9(4)V9(2).	00730003
10	VMT61-GBI-PLAT-FEAT-CHRG-5	PIC S9(4)V9(2).	00740003
10	VMT61-GBI-PLAT-FEAT-CHRG-6	PIC S9(4)V9(2).	00750003
10	VMT61-GBI-PLAT-FEAT-CHRG-7	PIC S9(4)V9(2).	00760003
10	VMT61-GBI-PLAT-FEAT-CHRG-F1	PIC S9(4)V9(2).	00770003
10	VMT61-GBI-PLAT-FEAT-CHRG-F2	PIC S9(4)V9(2).	00780003
10	VMT61-GBI-PLAT-FEAT-CHRG-F3	PIC S9(4)V9(2).	00790003
10	VMT61-GBI-PLAT-FEAT-CHRG-F4	PIC S9(4)V9(2).	00800003
10	VMT61-GBI-PLAT-FEAT-CHRG-F5	PIC S9(4)V9(2).	00810003
10	VMT61-GBI-PLAT-FEAT-CHRG-F6	PIC S9(4)V9(2).	00820003
10	VMT61-GBI-PLAT-FEAT-CHRG-F7	PIC S9(4)V9(2).	00830003
10	VMT61-GBI-USG-SEQ	PIC X(01).	00840003
10	VMT61-GBI-FIXED-DISC-RATE	PIC 9(03).	00850003
10	VMT61-GBI-PRS-CHARGE	PIC S9(06)V9(6).	00860003
10	VMT61-GBI-FIL-1	PIC X(753).	00870003

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07	VMT61-GVV-USG-DETAILS REDEFINES	00880001
	VMT61-CALL-DETAIL-RECORD.	00890001
10	VMT61-GVV-FREEPHONE-ID PIC S9(15).	00900004
10	VMT61-GVV-FIL-1 PIC X(07).	00910002
10	VMT61-GVV-NUMBER-CALLED-FROM PIC X(16).	00920004
10	VMT61-GVV-NUMBER-DIALED PIC X(16).	00930004
10	VMT61-GVV-NUMBER-CALLED PIC X(16).	00940004
10	VMT61-GVV-ORIG-COUNTRY-CODE PIC X(03).	00950004
10	VMT61-GVV-TERM-COUNTRY-CODE PIC X(03).	00960004
10	VMT61-GVV-CALL-DATE PIC X(08).	00970004
10	VMT61-GVV-GMT-TIME PIC X(06).	00980004
10	VMT61-GVV-LOC-TIME PIC X(06).	00990004
10	VMT61-GVV-DURATION PIC S9(06)V9.	01000004
10	VMT61-GVV-CALL-TYPE PIC X(01).	01010004
10	VMT61-GVV-DATA PIC X(01).	01020004
10	VMT61-GVV-NCR PIC X(01).	01030004
10	VMT61-GVV-TERM PIC X(02).	01040004
10	VMT61-GVV-CONF-ACCESS PIC X(02).	01050004
10	VMT61-GVV-CONF-DESCRIP PIC X(50).	01060004
10	VMT61-GVV-CONF-LEADER-ID PIC X(09).	01070004
10	VMT61-GVV-CONF-LEADER-LNAME PIC X(15).	01080004
10	VMT61-GVV-CONF-LEADER-FNAME PIC X(15).	01090004
10	VMT61-GVV-ACCT-CODE PIC X(16).	01100004
10	VMT61-GVV-CHRG-CODE PIC X(08).	01110004
10	VMT61-GVV-CON-FOR-IND PIC X(01).	01120004
10	VMT61-GVV-GMT-DATE PIC X(08).	01130004
10	VMT61-GVV-RTE-REDUCTION-IND PIC X(01).	01140004
10	VMT61-GVV-RTE-REDUCTION-AMT PIC S9(05)V9(02).	01150004
10	VMT61-GVV-MTR-LOCAL-LD-IND PIC X(01).	01160004
10	VMT61-GVV-ORIG-TERM-IND PIC X(01).	01170004
10	VMT61-GVV-SVC-METH PIC 9(03).	01180004
10	VMT61-GVV-BAND-NBR PIC X(02).	01190004
10	VMT61-GVV-ORIG-CITY-CD PIC S9(5).	01200004
10	VMT61-GVV-TERM-CITY-CD PIC S9(5).	01210004
10	VMT61-GVV-ORIG-SUBZONE PIC X(02).	01220004
10	VMT61-GVV-TERM-SUBZONE PIC X(02).	01230004
10	VMT61-GVV-TERM-STATE PIC X(02).	01240004
10	VMT61-GVV-DISTANCE-IND PIC X(01).	01250004
	88 VMT61-GVV-NATIONAL VALUE 'N'.	01260004
	88 VMT61-GVV-INTERNATIONAL VALUE 'I'.	01270004
10	VMT61-GVV-MOBILE-TERM-IND PIC X(01).	01280004

10	VMT61-GVV-FIL-2	PIC X(01).	01290002
10	VMT61-GVV-DAYPART-CD	PIC X(01).	01300004
10	VMT61-GVV-CARD-NAME	PIC X(30).	01310004
10	VMT61-GVV-ROUTING-NBR	PIC 9(10).	01320004
10	VMT61-GVV-CONFERENCE-ID	PIC X(09).	01330004
10	VMT61-GVV-PRICE	PIC S9(7)V9(2).	01340004
10	VMT61-GVV-SURCHG-PRICE	PIC S9(7)V9(2).	01350004
10	VMT61-GVV-ORIG-STATE	PIC X(02).	01360004
10	VMT61-GVV-FIL-3	PIC X(38).	01370002
10	VMT61-GVV-DISCOUNT-DATA.		01380001
15	VMT61-GVV-PAIR-RATE	PIC S9(7)V9(6).	01390001
15	VMT61-GVV-PAIR-DISC-PCT	PIC S9(3)V9(2).	01400001
15	VMT61-GVV-VOL-DISC-PCT	PIC S9(3)V9(2).	01410001
15	VMT61-GVV-DISC-AMT-USA	PIC S9(7)V9(2).	01420001
15	VMT61-GVV-DISC-AMT-FGN	PIC S9(9)V9(2).	01430001
15	VMT61-GVV-ORIG-RATED-PRICE	PIC S9(7)V9(2).	01440001
15	VMT61-GVV-PRE-DISC-AMT-USA	PIC S9(7)V9(2).	01450001
15	VMT61-GVV-PRE-DISC-AMT-FGN	PIC S9(11)V9(2).	01460001
15	VMT61-GVV-VOL-DISC-ELIG-IND	PIC X(01).	01470001
88	VMT61-GVV-VOL-DISC-ELIG VALUE 'Y'.		01480001
88	VMT61-GVV-VOL-DISC-INELIG VALUE 'N'.		01490001
10	VMT61-GVV-FIL-4	PIC X(801).	01500002

Millennium Event (MLE):

*****00010000		
* VERSION 9.3	TELEX MESSAGING INTERNATIONAL CALL DETAIL	*00020000
*****00030000		
00040000		
05	MIL-E-EVENT-DETAILS REDEFINES VMT61-CALL-DETAIL.	00050003
10	MIL-E-EVENT-ID	PIC 9(11). 00060000
10	MIL-E-ORDER-NUMBER	PIC X(25). 00070000
10	MIL-E-CUST-ID	PIC 9(10). 00080000
10	MIL-E-CUST-NAME	PIC X(64). 00090000
10	MIL-E-ACTUAL-START-DATE	PIC X(06). 00100000
10	MIL-E-ACTUAL-START-TIME	PIC X(06). 00110000
10	MIL-E-TM-END-DATE	PIC X(06). 00120000
10	MIL-E-TM-END-TIME	PIC X(06). 00130000
10	MIL-E-PRODUCT-LINE	PIC X(05). 00140000
10	MIL-E-PRODUCT-DESCRIPTN	PIC X(50). 00150000

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10	MIL-E-SERVICE-LEVEL	PIC X(05).	00160000
10	MIL-E-CUST-REF-VALUE	PIC X(25).	00180000
10	MIL-E-HOST-FACILITY-ID	PIC X(15).	00190000
10	MIL-E-HOST-FACILITY-NAME	PIC X(64).	00200000
10	MIL-E-CONFERENCE-TYPE	PIC X(02).	00210000
10	MIL-E-RESERVED-USAGE	PIC 9(10).	00220000
10	MIL-E-USER-ID-MOD	PIC 9(10).	00270000
10	MIL-E-FIRST-NAME-MOD	PIC X(15).	00271000
10	MIL-E-MI-NAME-MOD	PIC X(01).	00271100
10	MIL-E-LAST-NAME-MOD	PIC X(20).	00272000
10	MIL-E-SALUT-MOD	PIC X(04).	00273000
10	MIL-E-CONF-PHNO-MOD	PIC X(25).	00273100
10	MIL-E-USER-ID-CONT	PIC 9(10).	00273200
10	MIL-E-FIRST-NAME-CONT	PIC X(15).	00273300
10	MIL-E-MI-NAME-CONT	PIC X(01).	00273400
10	MIL-E-LAST-NAME-CONT	PIC X(20).	00273500
10	MIL-E-SALUT-CONT	PIC X(04).	00273600
10	MIL-E-CONF-PHNO-CONT	PIC X(25).	00273700
10	MIL-E-EXCHANGE-RATE-INV	PIC S9(8)V9(9).	00274402
10	MIL-E-EXCHANGE-RATE-TAX	PIC S9(8)V9(9).	00275000
10	FILLER	PIC X(756).	00276004

Millennium Detail (MLD):

*****00010000		
* VERSION 9.3	TELEX MESSAGING INTERNATIONAL CALL DETAIL	*00020000
*****00030000		
00040000		
05	MIL-D-CALL-DETAIL REDEFINES VMT61-CALL-DETAIL.	00050001
10	MIL-D-EVENT-ID	PIC 9(11). 00060000
10	MIL-D-ORDER-NUMBER	PIC X(25). 00070000
10	MIL-D-DETAIL-ID	PIC 9(11). 00080000
10	MIL-D-CUST-ID	PIC 9(10). 00090000
10	MIL-D-CUST-NAME	PIC X(64). 00100000
10	MIL-D-REMIT-TO-ID	PIC 9(10). 00110000
10	MIL-D-SERVICE-CODE	PIC X(05). 00120000
10	MIL-D-SERVICE-DESCRIPTN	PIC X(50). 00130000
10	MIL-D-CATEGORY	PIC X(05). 00140000
10	MIL-D-NETCN-SERVICE-CODE	PIC X(01). 00150000
10	MIL-D-START-DATE	PIC X(06). 00160000



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10	MIL-D-START-TIME	PIC X(06) .	00161000
10	MIL-D-APPLICATION-NBR	PIC X(15) .	00180000
10	MIL-D-BAND-ID	PIC 9(11) .	00190000
10	MIL-D-BAND-DESCRIPTN	PIC X(30) .	00200000
10	MIL-D-CALL-TYPE	PIC X(05) .	00210000
10	MIL-D-DESCRIPTION-CT	PIC X(50) .	00220000
10	MIL-D-TOLL-FREE-FLAG	PIC X(01) .	00230000
10	MIL-D-INTERNATL-FLAG	PIC X(01) .	00240000
10	MIL-D-NET-CONF-TYPE	PIC X(01) .	00241000
10	MIL-D-NET-CONF-VENDOR	PIC X(01) .	00242000
10	MIL-D-NET-ALLOCATED-UNITS	PIC 9(10) .	00243000
10	MIL-D-DNIS	PIC X(20) .	00250000
10	MIL-D-ANI	PIC X(20) .	00251000
10	MIL-D-MAILBOX-NAME	PIC X(30) .	00252000
10	MIL-D-CUST-SPECIFIC-BILL-INFO	PIC X(225) .	00260000
10	MIL-D-PARTICIPANT-NAME	PIC X(30) .	00270000
10	MIL-D-LIST-NUMBER	PIC X(20) .	00271000
10	MIL-D-FACILITY-ID	PIC 9(15) .	00272000
10	MIL-D-FACILITY-NAME	PIC X(64) .	00273000
10	MIL-D-D-QUANTITY	PIC 9(10) .	00273100
10	MIL-D-USAGE-UNIT-TYPE	PIC X(05) .	00273200
10	MIL-D-EQUIP-LIST-PRICE	PIC S9(11)V9(9) .	00273300
10	MIL-D-PROMO-ID	PIC 9(11) .	00273400
10	MIL-D-PROMO-NAME	PIC X(30) .	00273500
10	MIL-D-VIDEO-HEADER	PIC X(40) .	00273600
10	MIL-D-BH-DESCRIPTN	PIC X(50) .	00273700
10	MIL-D-TRANSACTION-CODE	PIC X(02) .	00273800
10	MIL-D-RATE-TYPE	PIC X(05) .	00273900
10	MIL-D-RATE-PERIOD	PIC X(05) .	00274000
10	MIL-D-SRV-RATE-ADDL	PIC S9(6)V9(9) .	00274203
10	MIL-D-TRN-RATE-ADDL	PIC S9(6)V9(9) .	00274300
10	MIL-D-TRAIFF-ADJ-PERCENT	PIC S9(4)V9(9) .	00274400
10	MIL-D-RATE-UNIT-QTY	PIC 9(05) .	00274500
10	MIL-D-RATE-UNIT-QTY-TYPE	PIC X(05) .	00274600
10	MIL-D-BILLED-USAGE	PIC 9(10) .	00274700
10	MIL-D-SRV-CHARGES	PIC S9(9)V9(9) .	00274800
10	MIL-D-TRN-CHARGES	PIC S9(9)V9(9) .	00274900
10	FILLER	PIC X(220) .	00275004

### 4.22 Enhanced Usage Detail Record Number 62

This record will be used to capture usage detail for non-traditional LEC billing systems.

C T R	Record 62 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
	CAP				See 4.2 for CAP definition.	
1	ID/Accounting Code/Project number	PIC X(11)	176-186	XDL	This field will contain the id/accounting code (validated or not validated) in relation to long distance call details. The default value for this field is spaces.	
2	Calling Card Number	PIC X(14)	187-200	XDL	This field contains the unique identifier for each calling card. The default value for this field is spaces.	
3	Conference ID	PIC X(9)	201-209	XDL	This field contains the unique identifier for conferencing. The default value for this field is spaces.	
4	Date of Usage Event	PIC X(8)	210-217	XDL	Date of Call as YYYYMMDD The default value for this field is spaces. The date of usage event will not be populated for a Centrexcall summary.	
5	Connect Time	PIC X(6)	218-223	XDL	HHMMSS The default value for this field is spaces. The connect time will not be populated if this is a combined call detail record of more than one call, or a Centrexcall summary.	
6	Usage Type Indicator	PIC X(2)	224-225	XDL	This identifies the type of usage in the Billable Units field. The default value for this field is spaces. See 'Table of Values' at the end of this document for values for this field.	
7	Billable Units Format	PIC X(1)	226-226	XDL	This field defines the correct way to interpret the data in the "Billable Units" field. (The display characters shown in the data templates are not passed in the actual Billable Units field.) Valid values: ' ' = default '1' = MMMMMMMMM:T Billable Units is interpreted as: PIC 9(9)v9 '2' = MMMMMMMM.MM Billable Units is interpreted as: PIC 9(8)v99 '3' = 999,999 Billable Units is interpreted as two fields: PIC X(4) then PIC 9(6) '4' = 999,999,999 Billable Units is interpreted as two fields: PIC X(1) then PIC 9(9)	

C T R	Record 62 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
					'5' = HHMMSS.T Billable Units is interpreted as two fields: PIC X(3) then 9(6)v9 '6' = SSSSSS Billable Units is interpreted as two fields: PIC X(4) then as 9(6) '7' = SSSSSSSS.T Billable Units is interpreted as 9(9)V9 '8' = 999,999.9999 Billable Units is interpreted as: PIC 9(6)V9999	
8	Billable Units	PIC X(10)	227-236	XDL	Billable Units used to calculate the detail charge. For Network Interactive Voice Response (NIVR). The default value for this field is spaces.	
9	Originating Number	PIC X(20)	237-256	XDL	Originating Number The default value for this field is spaces. For instances where a WTN isn't reported (ie, not recorded at the switch), this field may be populated with ten X's (XXXXXXXXXXXX).	
10	Originating City, Country, or Service Event	PIC X(20)	257-276	XDL	Originating City or Country SingleView is the only system which will populate this field with a service event in addition to a place as applicable. The default value for this field is spaces.	
11	Originating State	PIC X(2)	277-278	XDL	Originating State The default value for this field is spaces.	
12	Originating Country Code	PIC X(3)	279-281	XDL	International Country Code associated with a circuit that originates internationally. The value provided here is decoded via a 95/00 record and is not necessarily an ISO value. The default value for this field is spaces.	
13	Terminating Number	PIC X(20)	282-301	XDL	From the "Number Dialed" or "Number Called" column on paper, use "Number Dialed" if both are present and unique. The default value for this field is spaces.	
14	Terminating City, Country, Service Event	PIC X(20)	302-321	XDL	City or Country called SingleView is the only system which will populate this field with a service event in addition to a place as applicable. The default value for this field is spaces.	
15	Terminating State	PIC X(2)	322-323	XDL	State called. The default value for this field is spaces.	

C T R	Record 62 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
16	Terminating Country Code	PIC X(3)	324-326	XDL	International Country Code associated with a circuit that terminates internationally. The value provided here is decoded via a 95/00 record and is not necessarily an ISO value. The default value for this field is spaces.	
17	Charge Amount	PIC S9(8)V9(5)	327-339	SDR	Charges for the call less the Payphone Use Charge, Surcharge Amount and Tax Amount. The default value for this field is zeroes.	
18	Pay Phone Use Charge	PIC S9(4)V99	340-345	XDL	Pay phone Use Charge The default value for this field is zeroes.	
19	Surcharge Amount	PIC S9(4)V99	346-351	SDR	Surcharge amount for call (when applicable). This will include the coin surcharge as applicable. The default value for this field is zeroes.	
20	Tax Amount	PIC S9(4)V9(6)	352-361	SDR	Tax amount for call or usage charge (when applicable) The default value for this field is zeroes.	
21	Discount Amount	PIC S9(9)V99	362-372	SDR	Discount amount for the call or usage charge (when applicable). The default value for this field is zeroes.	
22	Inbound / Outbound Indicator	PIC 9(1)	373-373	9DR	The Inbound / Outbound Indicator is used to identify the direction of the usage event. Valid values: 0 = Default (not applicable or not available for Toll Free billing) 1 = Inbound 2 = Outbound	
23	Toll Free Indicator	PIC 9(1)	374-374	9DR	Toll Free Indicator. Valid values: 0 = default 1 = Switched 2 = Dedicated 3 = Toll Free type unknown	
24	Include for Balancing Indicator	PIC 9(1)	375-375	9DR	The Include for Balancing Indicator is used to identify usage charges that have been reported for balancing on some other vz450 record and are being reported here for informational purposes only. It also identifies charges that are part of a Minimum Spend account, or are known out of balance charges due to rounding. Valid values: 0 = include for balancing 1 = Do not include for balancing	

C T R	Record 62 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
25	Network Origination / Termination Code	PIC X(1)	376-376	XDL	<p>Network Origination / Termination Code is used to communicate how the CDR was originated and terminated. When only one side of the connection is known the appropriate values are provided.</p> <p>Valid values:  '' = Default  'A' = Local Network to Local Network  'B' = Local Network to Dedicated  'C' = Local Network to Switched Access  'D' = Dedicated to Local Network  'E' = Switched Access to Local Network  'F' = Switched Access to Switched Access  'G' = Dedicated to Dedicated  'H' = Switched Access to Dedicated  'T' = Dedicated to Switched Access  'J' = Local Network to Mobile  'K' = Switched Access to Mobile  'L' = Dedicated to Mobile  'N' = Mobile to Local Network  'O' = Mobile to Switched Access  'P' = Mobile to Dedicated  'Q' = Local Originating  'R' = Dedicated Originating  'S' = Switched Originating  'T' = Local Termination  'U' = Dedicated Termination  'V' = Switched Termination  'W' = Local to Verizon Wireless  'X' = Switched to Verizon Wireless  'Y' = Dedicated to Verizon Wireless</p>	
26	Jurisdiction/ Transmission Type Code	PIC X(1)	377-377	XDL	<p>Jurisdiction/ Transmission Type for this call</p> <p>Valid values:  '' = default  '1' = Interstate  '2' = Intrastate  '3' = International  '4' = IntraLATA / Local Toll</p>	

C T R	Record 62 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
					'5' = Intracountry '6' = Virtual Network Con '7' = Concert VNS '8' = Market Area Calling '9' = Global Voice VPN 'A' = Standard A Analog 'B' = Standard B Digital 'C' = Cellular/Mobile 'D' = Canada/Extended Call Coverage 'E' = Mexico 'F' = Non USA Caribbean 'G' = Intrastate - InterLATA 'H' = Intrastate - IntraLATA 'I' = Internet Fax 'J' = IntraLATA 'K' = Domestic to International 'L' = Extended Call Coverage to International 'M' = Standard M Digital 'N' = International to International 'O' = Domestic 'P' = International to Domestic 'R' = Aeronautical Digital	
27	Pricing Method	PIC X(1)	378-378	XDL	Valid values: '' = default 'B' = Combination of Duration and Application Counter 'C' = Application Counter 'D' = Duration 'N' = Not in-plan 'P' = Price Cap 'Y' = In-plan	
28	Rate Period	PIC 9(2)	379-380	9DR	Rate Period applicable for the call/usage. Valid values: 00 = default 01 = Business Day/Day 02 = Non-Business Day 03 = Night/Weekend	

C T R	Record 62 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
					04 = Weekend 05 = Carrier Specific 07 = Standard 08 = Discount 09 = Economy 10 = Peak 11 = Off-Peak 12 = Evening 13 = 7 cents 14 = 8 cents 15 = 9 cents 16 = 24 hour 17 = Multiple Rate Periods 18 = Special Intrastate	
29	Call Type	PIC X(2)	381-382	XDL	Call Type Valid values: ' ' = default 'AD' = Credit/Adjustment 'BI' = Busy Line Interrupt 'BV' = Busy Line Verification 'CC' = Conference Calling (applicable to a conference suite) 'CD' = Calling Card 'CL' = Collect 'DA' = Directory Assistance 'DD' = Direct Dialed 'DN' = Integrated Services Digital Network (ISDN) 'ND' = National Directory Assistance 'OA' = Operator Assistance 'OT' = Other 'PP' = Person to Person 'SS' = Station to Station 'TG' = Telegram 'TN' = Third Number 'TP' = Third Party 'TS' = Third Party Vendor/Service Profile Inventory Manager Usage	

C T R	Record 62 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
30	ID/Account Code Block field(s) from display Indicator	PIC X(1)	383-383	XDL	This indicator is used to identify whether the customer wants the field, or the field's accompanying description, to be suppressed on the bill. Valid values: Space = default A = Alphanumeric translation will appear on the invoice pages and the Id/Acct/Card numbers will be suppressed B = Alphanumeric translation and the Id/Acct/Card numbers will appear on the invoice pages C = Display Id/Acct/Card numbers as is no translation	
31	Access Code for Conferencing	PIC X(1)	384-384	XDL	This code is used to define the type of access used for audio conferencing. Valid values: ' ' = default '1' = Card Call Access '2' = Switched Access '3' = Cellular Access '4' = Remote Access '5' = Dedicated Access '6' = International Freephone Access '7' = Dedicated Termination '8' = Toll '9' = Toll Free Meet Me 'A' = Dial	
32	Cellular Calls	PIC X(1)	385-385	XDL	Valid values: ' ' = default 'A' = Cellular Call (type unknown) 'D' = Daily Roamer Surcharge 'F' = Forwarded 'H' = Home Airtime 'N' = Market Roaming 'T' = Toll 'E' = Extended Home Area 'G' = Regional Roaming 'L' = Landline Termination 'R' = Out-of-Territory Roaming	
33	Cellular Usage Type	PIC X(1)	386-386	XDL	Valid values: ' ' = default	



C T R	Record 62 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
					'A' = Price Plan Allowance 'B' = Bank of Minutes 'C' = Call Waiting 'D' = Usage Discount 'E' = Mobile Web 'F' = Call Forwarding 'G' = Airbridge Gateway 'H' = Voice Mail Outdial 'I' = Incoming Allowance 'J' = Incoming Feature Minutes 'K' = No Ans./Busy Transfer 'L' = LD Direct 'M' = IN Network (Mob to Mob) 'N' = IN Network (Mob to Mob Allow) 'O' = 3 Way Calling 'P' = Prior Month's Delayed Call 'R' = Voice Mail Retrieval 'S' = Talk Dial 'T' = Regional/ LD Allowance 'U' = Data 'V' = Voice Mail 'W' = Wknd/Night Feature Mins 'X' = Partial Allowance 'Y' = Promotional Allowance 'Z' = International Traveler '1' = PTT Allowance '2' = Verizon Wireless Airfone Service '3' = Global Phone '4' = Home '5' = Get it Now Download '6' = TXT Messaging Download '7' = Roam	
34	CPN Indicator	PIC X(1)	387-387	XDL	Indicator to identify whether or not the call was assessed a surcharge for Call Party Number termination. Valid values: '' = default	

C T R	Record 62 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
					'C' = Call was assessed a surcharge	
35	CCID	PIC X(1)	388-388	XDL	Refers to cross routed call Valid values: '' = default 'A' = This call terminated to another Corp ID 'B' = This call originated from another Corp ID	
36	Data Call Speed	PIC X(1)	389-389	XDL	Data call speeds are communicated in Kbps Valid values: '' = default 'A' = 56 or 64 'B' = 128 'C' = 192 'D' = 256 'E' = 320 'F' = 384 'G' = 448 'H' = 512 'I' = 576 'J' = 640 'K' = 704 'L' = 768 'M' = 832 'N' = 896 'P' = 960 'Q' = 1024 'S' = 1152 'T' = 1216 'U' = 1280 'V' = 1344 'W' = 1408 'X' = 1472 'Y' = 1536	
37	Advanced Card Feature Code	PIC X(1)	390-390	XDL	Advanced Card Feature Code Valid values: '' = default	

C T R	Record 62 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
					'A' = Toll Free Answering Service 'V' = Voice Mail 'C' = Conferencing 'B' = Messenger Broadcast 'M' = Messenger 'N' = News Flash	
38	Enhanced Feature Code	PIC X(1)	391-391	XDL	Valid values: ' ' = default '1' = Busy/Announcement '2' = Database Routing '3' = Menu Routing '4' = Caller Takeback '5' = Message Announcement '6' = Takeback and Transfer 'A' = Inbound call to domestic 'B' = Inbound call to International 'C' = Voicemail 'D' = Faxmail 'E' = Fax/voicemail retrieval 'F' = Domestic fax/Voicemail broadcast 'G' = International fax/Voicemail broadcast 'H' = Paging 'T' = Outbound Call to Domestic 'J' = Outbound Call to international	
39	NCP Code	PIC X(1)	392-392	XDL	Network Call Protocol Valid values: ' ' = default '#' = Overflow Hops for NCR - Network Call Redirect 'A' = Interswitch DTO - NCR - Network Call Redirect 'B' = Intra switch DTO - NCR - Network Call Redirect 'C' = Call Leg 1 no Hops - NCT - Network Call Transfer 'D' = Call Leg 2 no Hops - NCT - Network Call Transfer 'E' = Call Leg 3 no Hops - NCT - Network Call Transfer 'F' = 1 Hop - Call Leg 1 with Hops 'H' = 3 Hops - Call Leg 1 with Hops 'T' = 4 Hops - Call Leg 1 with Hops	

C T R	Record 62 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
					'J' = 5 Hops - Call Leg 1 with Hops 'K' = 1 Hop - Call Leg 2 with Hops 'M' = 3 Hops - Call Leg 2 with Hops 'N' = 4 Hops - Call Leg 2 with Hops 'O' = 5 Hops - Call Leg 2 with Hops	
40	Operator Assisted Code	PIC X(1)	393-393	XDL	Valid values: ' ' = default 'A' = Live but not Operator Dialed 'B' = Automated 'C' = Must be Live 'D' = Operator Dialed 'E' = Non-Operator Dialed and Originated at Premise Owner Location 'F' = Operator Dialed and Originated at Premise Owner Location 'G' = Must be Live and Originated at Premise Owner Location 'H' = Automated and Originated at Premise Owner Location 'I' = operated Assisted type not known	
41	Product Family	PIC X(1)	394-394	XDL	Valid values: ' ' = default 'C' = Centrex 'D' = Data 'T' = Internet Protocol 'V' = Voice	
42	Product Identifier Type	PIC X(1)	395-395	XDL	Unique code used to describe the type of product code in the Product Identifier field. Valid values: ' ' = default 'A' = fMCI Charge Code 'B' = Contract Line Identifier (CLIN) 'C' = International Product Identifier 'D' = VOIP Usage Product Identifier 'Q' = XO	
43	Product Identifier	PIC X(10)	396-405	XDL	This is a placeholder for the fMCI low level product identifier. The approach and exact code are not yet finalized so the size and definition of this field may change.	
44	PIC Directional Code	PIC X(1)	406-406	XDL	Valid values: ' ' = default	

C T R	Record 62 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
					'1' = Not PIC'ed to fMCI either end (off net) '2' = Originating number is PIC'ed to fMCI (half net orig) '3' = Terminating number is PIC'ed to fMCI (Half net term) '4' = Both ends PIC'ed to fMCI (on net)	
45	Payphone Information Digits	PIC 9(2)	407-408	9DR	Indicates the type of payphone used to place the call The default value for this field is zeroes. Valid values: 07 = Hospitality 29 = Department of Corrections 27 or 70 = All other payphones	
46	Service Method	PIC X(1)	409-409	XDL	Differentiates special traffic types from normal traffic types. When used in combination with Call Type allows to separate Universal Freephone traffic between domestic all and extended call. The default value for this field is spaces. Valid values: ' ' = default '1' = Universal Freephone '2' = Plus Universal Freephone '3' = Call Center fMCI Traffic '4' = Directline Traffic	
47	Entry Code	PIC X(1)	410-410	XDL	Distinguishes whether the traffic being processed is EVS traffic or identifies the type of EVS traffic. When used in combination with Service Method and Call Type allows separation of usage for EVS products The default value for this field is spaces. Valid values: ' ' = default '1' = CMA '2' = DMR '3' = ECR	
48	Calling Card Block field(s) from display Indicator	PIC X(1)	411-411	XDL	This indicator is used to identify whether the field or the field's accompanying description, will be shown or suppressed on the bill. Valid values: Space = default 'A' = Alphanumeric translation will appear on the invoice pages and the Card number will be suppressed 'B' = Alphanumeric translation and the Card numbers will appear on the	

C T R	Record 62 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
					invoice pages 'C' = Display Card numbers as is there is no translation	
49	Usage Sub Category	PIC X(5)	412-416	XDL	Unique code that provides a sub classification of the usage. A decode to provide the sub class will be provided on the 95/00 record (type data 088). The default value for this field is spaces.	
50	Originating LATA	PIC 9(4)	417-420	9DR	LATA code associated with usage origination. The default value for this field is zeros.	
51	Terminating LATA	PIC 9(4)	421-424	9DR	LATA code associated with usage termination The default value for this field is zeros.	
52	Service Access Type Code	PIC 9(3)	425-427	9DR	Defines the type of access method for the usage.	
53	Jurisdiction Display Code	PIC X(1)	428-428	XDL	The default value for this field is spaces. Valid values: '1' = IntraLATA '2' = Intrastate '3' = Interstate '4' = Canada '5' = International '6' = Intracountry-International '7' = Conferencing	
54	Enhanced Call Routing (ECR) Jurisdiction Display Code	PIC X(1)	429-429	XDL	The default value for this field is spaces. Valid values: '1' = Domestic '2' = Universal Domestic '3' = Coverage-Ext Call '4' = International	
55	Network Ingress/Egress Indicator	PIC X(1)	430-430	XDL	An indicator to identify if the call detail charge is for the originating leg to the network or for the terminating leg from the network. The default value for this field is spaces. Valid values: 'O' = Originating 'T' = Terminating	
56	Enhanced Call Routing (ECR) Additional Features	PIC X(1)	431-431	XDL	Identifies Additional Features per call in an "ADDL" column in the ECR Call Detail section. Each one-byte indicator below is translated on the invoice in a subsequent Legend section.	

C T R	Record 62 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
					The default value for this field is spaces. Valid values: 'A' = Voice Extensible Mark-up Language (VXML) 'B' = VXML and Intelligent Contact Routing – Integration (ICRI) 'C' = Automated Speech Recognition (ASR) 'D' = ASR and ICRI 'E' = Text to Speech (TTS) 'F' = TTS and ICRI 'G' = TTS and ASR 'H' = TTS, ASR and ICRI 'I' = ICRI 'J' = VXML and ASR 'K' = VXML and TTS 'L' = VXML, TTS and ASR 'M' = VXML, ASR, and ICRI 'N' = VXML, ASR, TTS, and ICRI 'O' = VXML, TTS, and ICRI	

### 4.23 Wireless Event Summary Record Number 63

This record is used to relay information about Wireless event charges (voice or data). Charges are categorized by Summary Type. The actual event detail will follow this record as a 6350 record. The 6350 sub records are defined in the sub record section.

C T R	Record 63 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
	CAP		1-175		See 4.2 for CAP definition.	
1	Reserved	X(1)	176-176	XDL	Default value for this field is spaces.	
2	Record Version	X(1)	177-177	XDL	Current value is 'C'.	
3	Summary Type Indicator	9(1)	178	9DR	Identifies whether summary is for Voice or Data usage. There is no default value for this field. Valid values: 1 = Voice usage 2 = Data usage 3 = Roaming Voice usage 4 = Roaming Data usage 5 = No usage – dummy record 6 = Messaging 7 = Billed on Behalf of Charges 8 = Roaming Messaging Usage	
4	Current/Delayed Billing Indicator	9(1)	179-179	9DR	Identifies whether summary record is current, delayed or unbilled usage from a previous month. Valid values: 0 = Not applicable (default) 1 = Current 2 = Delayed	
5	Summary Description	X(50)	180-229	XDL	This field contains text used to describe a row of data within the Usage Grid display. Examples include Calling Plan, IN Calling, Kilobyte Usage, Roaming Minutes, etc. Default value is spaces.	
6	Usage Type Description	X(15)	230-244	XDL	This field contains the Usage Type unit text displayed for a row of data within the Usage Grid display. Examples include minutes, messages, kilobytes, etc. Default value is spaces.	
7	Usage Allowance Column Text	X(15)	245-259	XDL	This field is used to pass text from the Allowance column in the Usage Grid display. Default value is spaces.	



C T R	Record 63 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
8	Grid Lines Indicator	9(1)	260-260	9DR	This field indicates whether the data being passed should be displayed as a row within the Usage Grid or as a detail line with text and cost. 0 = Not applicable 1 = Display with grid (default) 2 = Display without grid	
9	Usage Allowance Display Properties	9(1)	261-261	9DR	This field indicates how the Usage Allowance cell should display within the Usage Grid. Valid values: 0 = Not applicable (default) 1 = Display actual allowance 2 = Display spaces 3 = Display dashes 4 = Display spaces – no grid line below 5 = Display no grid line above	
10	Usage Cost Display Properties	X(1)	262-262	XDL	Indicator used to modify what is to be displayed in the Cost column on the Voice Usage Charges–Voice Tab or the Data Usage Charges–Data Tab or the Messaging Usage Charges page or the Additional Services page. Default value is space. Valid values: ' ' = No modification required '4' = 4 asterisks should be displayed '****'	
11	Account Level Bundle Usage Type	X(1)	263-263	XDL	Account Level Bundle Usage Type. Default value is a space. Valid values: 'V' = Minutes 'M' = Messages 'R' = Messages Received 'S' = Messages Sent	
12	Reserved	X(5)	264-268	XDL	The default value for this field is spaces.	
13	Usage Allowance	S9(9)V99	269-279	SDR	The number of units (minutes, messages, kilobytes, etc.) that are included at no additional charge with Your Calling Plan for the billing period Default value is zeroes.	
14	Usage Used	S9(9)V99	280-290	SDR	The number of units (minutes, messages, kilobytes, etc.) actually used during the billing period. Default value is zeroes.	

C T R	Record 63 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
15	Usage Billable	S9(9)V99	291-301	SDR	The number of units (minutes, messages, kilobytes, etc.) actually used during the billing period that are above and beyond the allowance. Default value is zeroes.	
16	Usage Cost	S9(9)V99	302-312	SDR	The dollar amount charged for the billable usage. Default value is zeroes.	
17	Service Start Date	9(6)	313-318	9DR	The field indicates the date that service began. Format is YYMMDD. Default value is zeroes.	
18	Service End Date	9(6)	319-324	9DR	The field indicates the date that service ended. Format is YYMMDD. Default value is zeroes.	
19	Reserved	X(13)	325-337	XDL	The default value for this field is spaces.	

**4.24 Conferencing Detail Record Number 64**

This record will capture audio and video conferencing detail for Next Generation Billing. One Sub Record 50 Type Data 301 and multiple Sub Record 50 Type Data 302 records should be attached.

C T R	Record 64 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
	CAP		1-175		See 4.2 for CAP definition.	
1	Event ID	PIC 9(11)	176-186	9DR	Unique conference identifier. The default value for this field is zeroes.	
2	Order Number	PIC X(15)	187-201	XDL	Conference Order Number. The default value for this field is spaces.	
3	Customer ID	PIC X(10)	202-211	XDL	Unique Customer Identifier associated with the conference. The default value for this field is spaces.	
4	Customer Name	PIC X(64)	212-275	XDL	Customer Name associated with the conference. The default value for this field is spaces.	
5	Actual Start Date	PIC X(6)	276-281	XDL	Conference Start Date. Valid format is YYMMDD. The default value for this field is spaces.	
6	Actual Start Time	PIC X(6)	282-287	XDL	Conference Start Time. Valid format is HHMMSS. The default value for this field is spaces.	
7	Actual End Date	PIC X(6)	288-293	XDL	Conference End Date. Valid format is YYMMDD. The default value for this field is spaces.	
8	Actual End Time	PIC X(6)	294-299	XDL	Conference End Time. Valid format is HHMMSS. The default value for this field is spaces.	
9	Product Line	PIC X(6)	300-305	XDL	Unique code identifies conference type. The default value for this field is spaces. Sample of possible values: AOD AUDIO BF DLRN EQAUD EQVID FOD GO IR+ MPV	

C T R	Record 64 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
					NETCN VIDEO	
10	Product Description	PIC X(50)	306-355	XDL	Text translation of Product Line codes, which are included below only for reference. Product Line will not be populated in this field. The default value for this field is spaces. Sample of possible values: Audio-On-Demand = AOD Audio Conferencing = AUDIO Multi-Point Fax= BF Distance Learning = DLRN Equipment Audio = EQAUD Equipment Video = EQVID Fax-On-Demand = FOD RSVP = GO Instant Replay Plus = IR+ Multipoint Voice = MPV Net Conferencing = NETCN Video Conferencing = VIDEO	
11	Service Level	PIC X(5)	356-360	XDL	Conference product Service Level. The default value for this field is spaces. Values include: INS = Instant PRE = Premier STA = Standard UNA = Unattended IMR = Instant Meeting Replay CCA = Cloud Connected Audio	
12	Service Level Description	X(30)	361-390	XDL	Conference product Service Level Description. The default value for this field is spaces.	
13	Filler	PIC X(20)	391-410	XDL	The default value for this field is spaces.	

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#### **4.25 OC&C/AC&C/Misc. Detail      Record Number 65**

This record will be used when there is service order activity resulting in a charge/credit to the customer. In addition, this record may also be used to detail other miscellaneous charges/credits to the customer.

Pricing Plan Code/Usage Service Class is not required to be populated on the CAP for the 65/00 record.

Every 65/00 record must have one or more 65/20 records associated with it, which is used to describe the charge.

#### **Miscellaneous Charges Identification Standardization Requirement**

The business has a need to identify and classify miscellaneous charges and credits separate from call detail charges for providers other than Verizon local (LEC). Thus, a standardized approach must be implemented via the Verizon 450 Standard to identify and classify these types of 'miscellaneous charges.

Currently, miscellaneous charges and credits from other providers are being formatted on the following records:

- 60/00 record ('casual' usage billed provider miscellaneous charges and credits)
- 65/00 record (Verizon affiliate miscellaneous charges and credits)
- 75/00 record (invoice ready billed provider charges and credits)

Miscellaneous Charges Standardized Approach:

- Map 'casual' billed other provider (mapped to 4150xx or 4250xx EMI records) and Verizon affiliate miscellaneous charges to a 65/00 record.
- Map the associated charge description to a 65/20 record.
- Each 65/00 record can have one and only one 65/20 record to describe the charge.
- A 65/20 record containing a miscellaneous charge or credit description may not overflow.
- Use Charge Code 1800 Miscellaneous Charges and Credits – Other Providers on the 65/00 records for miscellaneous charges.
- The Miscellaneous charges and credits should not be included in the 0500 charge code on the 25/00. The 65/00 'details for miscellaneous charges and credits marked with charge code '1800' should roll up to an '1800' charge code entry on the 25/00 record.
- This approach is not applicable to miscellaneous charges and credits that currently appear on a 75/00 record for inter-exchange carriers.
- Miscellaneous Charges that appear as part of the 0500 charge code would be 'backed out' and attributed to the '1800' charge code.
- NOTE: The addition of the 1800 charge code and breakout of Miscellaneous Charges from the Itemized Calls Charges will diverge from the representation of charges on the paper bills for the east. In the east, these charges are typically included in the Itemized Calls charges on the paper bill and are not broken out separately.

- ADDED 3/14/16 – NOTE: In effort to identify OC&C records more specifically Billers will be asked not to use Generic OC&C Category Codes of “08” and “12” but rather use the following OC&C Category codes :

92	<b>Full Month Recurring Charge</b>
94	<b>Full Month Recurring Discount</b>
66	<b>Termination Penalty Charge</b>
22	<b>Fractional charge</b>
24	<b>Fractional credit</b>
26	<b>Non-recurring charge</b>
28	<b>Non-recurring credit</b>
18	<b>Installment billing</b>
36	<b>Late Payment Charge</b>
65	<b>Shortfall Penalty</b>
80	<b>Balance Transfer</b>
81	<b>Carryover Charge</b>
06	<b>Out of service credit</b>
07	<b>Out of service charge</b>
03	<b>UBB Overage Charge</b>
20	<b>Rate change</b>
40	<b>Invoice Adjustment</b>
29	<b>Save Winback (Retain Credit)</b>

C T R	Record 65 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
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C T R	Record 65 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
	CAP		1-175		See 4.2 for CAP definition.	
1	OC&C Category	X(2)	176-177	XDL	This code further defines the reason for this record. This field must be populated with one of the values listed below. There is no default of spaces for this field. Valid values: '02' = Inventory '03' = UBB Overage Charge '06' = Out of service credit '07' = Out of service charge '08' = Miscellaneous activity (also used for held deposit) '09' = ESG Portal OC&C '10' = ESG Claim OC&C '11' = eRate OC&C '12' = Service order activity '14' = Deposit refund '16' = Interest on a deposit '17' = Installment Billing: Charges Included in Installment Plan '18' = Installment billing '19' = Installment Billing Credit '20' = Rate change '22' = Fractional charge '24' = Fractional credit '26' = Non-recurring charge '28' = Non-recurring credit '29' = Save Winback (Retain Credit) '30' = Gift service '32' = Rate refund '34' = Interest on rate refund '36' = Late Payment Charge '37' = Maintenance Contracts '40' = Invoiced Adjustment '48' = Termination '50' = BAC Total '60' = Addition of Contact '61' = Removal of Contract	

C T R	Record 65 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
					'62' = Contract Rate Increase '63' = Contract Rate Decrease '65' = Shortfall Penalty '66' = Termination Penalty Charge '80' = Balance Transfer '81' = Carryover Charge '92' = Full Month Recurring Charge '94' = Full Month Recurring Discount '95' = National Discount Tax Adjustment (used between Media and VAC) '96' = TBR National Tax Adjustment for NBBE Billing '97' = Interest for installment billing debit amount '98' = Interest for installment billing credit amount '99' = Installment billing surcharge	
2	Purchase Order Number	X(30)	178-207	XDR	This is an authorization number provided by the customer such as Customer Service Authorization Number (CSAN), Subscriber Authorization Number (SAN) or Purchase Order Number (PON). Contains PON or SAN if populated on this record. The default value for this field is spaces.	
3	Service Order Number	X(15)	208-222	XDL	This is a unique number assigned to a service order. The default value for this field is spaces.	
4	SO Completion Date	9(6)	223-228	9DR	This is the service order completion date. The default value for this field is 000000.	
5	USOC/IOSC	X(5)	229-233	XDL	The universal service order code is used to describe the service or equipment being supplied. Required when available. If a billing system doesn't have USOC or IOSC then they are expected to populate POE/ItemID. For SSB accounts this field may also contain the sales type. The default value for this field is spaces.	
6	Circuit Endpoint ID	X(5)	234-238	XDL	This is the termination code assigned to a circuit location termination. A circuit location can have multiple terminations. OC&C charges may be associated to a particular circuit endpoint. The default value for this field is spaces.	
7	Action Code Indicator	X(1)	239	XDL	This indicates if the OC&C detail is due to an addition or removal of an item. The default value for this field is spaces. Valid values: '1' = Outward '2' = Inward	



C T R	Record 65 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
					'3' = Inside move 'N' = NBBE Collection Suspension/Restoral, Same Bill Round 'R' = Restored 'S' = Suspended	
8	Quantity	9(5)	240-244	9DR	Number of items for a given item. May often be for items that are not quantified on the bill. To maintain consistency Order and Billing Forum(OBF) standards such as the BDT, this field must contain a whole number. The default value for this field is 00000.	
9	Full Amount - \$	S9(9)V99	245-255	SDR	This is the amount that would be billed to the customer before application of any appropriate discount. This field is only populated for recurring charges/credits and contains the recurring monthly charge for the item quantity. The default value for this field is \$0.00.	
10	Billed Amount - \$	S9(9)V99	256-266	SDR	This is the actual amount billed to the customer after application of any appropriate discount. It is either a one time non-recurring charge/credit or a fractional amount of a recurring monthly charge (prorated amount). The default value for this field is \$0.00.	
11	TARCode Information	X(8)	267-274	XDL	This contains code(s) representing the local taxing area(s). Values and format are locally defined. If populated, contains a four character TAR code. The default value for this field is spaces.	
12	Installment Bill Indicator	X(1)	275	XDL	This indicator is to be used in association with installment billing as it relates to the appearance of installment billing on the OC&C. If the field is populated to indicate installment billing then the Installment Number field will be populated with the number of installments. This field must be populated with one of the values listed below. There is no default of spaces for this field. Valid values: 'Y' = Installment Billed 'N' = Not Installment Billed (DEFAULT)	
13	POE/Item ID	X(9)	276-284	XDL	Product Offering Element associated with the express TRAK/NBBE billing system. Used to communicate a unique product ID. Eight bytes left justified. Required when available. If a billing system doesn't have POE/Item ID then they are expected to populate USOC/IOSC. For fMCI accounts this field will contain the TCIF charge code or '190' for local tax or '195' for long distance tax. The default value for this field is spaces.	

C T R	Record 65 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
14	Secondary LOC Code	X(3)	285-287	XDL	A secondary location code assigned to the item of service or equipment. It is different than CTX LOC and DPA/Circuit LOC. The default value for this field is spaces.	
15	Arrears Indicator	X(1)	288	XDL	Indicates arrears billing for service. This field must be populated with one of the values listed below. There is no default of spaces for this field. Valid values: '0' = Advance billing '1' = Arrears billing	
16	Recurring Indicator	X(1)	289	XDL	Identifies the OC&C as recurring or non-recurring. This field must be populated with one of the values listed below. There is no default of spaces for this field. Valid values: '0' = Recurring '1' = Nonrecurring	
17	Number of Contract Months	9(3)	290-292	9DR	This is the number of months that the contract is effective. The default value for this field is 000.	
18	Contract Date	9(6)	293-298	9DR	This is the effective date of the contract for which billing is initiated. The default value for this field is 000000. Valid Format is YYMMDD.	
19	Contract Number	X(10)	299-308	XDL	This is the local contract number, which applies to this record. The default value for this field is spaces.	
20	Installment Billing Plan Type	X(6)	309-314	XDL	This describes the type of installment billing. The default value for this field is spaces. Values may vary depending on sources system.	
21	Installment Billing Months	9(2)	315-316	9DR	This is the total number of months for which installment billing will be in effect. The default value for this field is 00.	
22	Installment Number	9(2)	317-318	9DR	This is the number of this installment to be billed on the customer's bill. The default value for this field is 00.	
23	Installment Billing Balance - \$	S9(9)V99	319-329	SDR	This is the total amount remaining on the installment-billing plan. The default value for this field is \$0.00.	
24	Tax Status Indicator – Fed	X(1)	330	XDL	This indicates if this item is subject to federal tax. The default value for this field is spaces when tax status is not available at the item/product level. Valid values: '0' = Taxable	

C T R	Record 65 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
					'1' = Tax exempt	
25	Tax Status Indicator – State	X(1)	331	XDL	This indicates if this item is subject to State tax. The default value for this field is spaces when tax status is not available at the item/product level. Valid values: '0' = Taxable '1' = Tax exempt	
26	Tax Status Indicator - E911 Surcharge	X(1)	332	XDL	This indicates if this item is subject to E911 Surcharge The default value for this field is spaces when tax status is not available at the item/product level. Valid values: '0' = Taxable '1' = Tax exempt	
27	Dummy Record Indicator	X(1)	333	XDL	This field indicates whether a 65/00 record is being created solely for the purpose of associating a subsequent Sub Record. ' ' = Not a dummy 65/00 record (default) 'D' = Dummy 65/00 Record	
28	Tax Status Indicator - Surcharge	X(1)	334	XDL	This indicates if this item is subject to surcharge. The default value for this field is spaces when tax status is not available at the item/product level. Valid values: '0' = Surcharge applies '1' = No surcharge applies	
29	Tax Status Indicator – Local	X(1)	335	XDL	This indicates if this item is subject to local tax. The default value for this field is spaces when tax status is not available at the item/product level. Valid values: '0' = Taxable '1' = Tax exempt	
30	From Date	9(6)	336-341	9DR	The start date of the effective period for this billed item. The default value for this field is 000000. Valid Format is YYMMDD. Note: It is a bankruptcy requirement to populate this field with the bill period from date for Late Payment Charges (OC&C Category = 36). However, the bill period from date is NOT particularly relevant in relation to late payment charges. For Originating System ID = 'M0', when the fromdate is only populated without the	

C T R	Record 65 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
					through date, the Fromdate contains the service effective date.	
31	Through Date	9(6)	342-347	9DR	The end of the effective period for this billed item. Populated on recurring OC&Cs. The default value for this field is 000000. Valid Format is YYMMDD. Note: It is a bankruptcy requirement to populate this field with the bill period to date for Late Payment Charges (OC&C Category = 36). However, the bill period to date is NOT particularly relevant in relation to late payment charges.	
32	Number Effective Days	9(5)	348-352	9DR	The number of days that "from" and "through" date span for the effective period of this item. This field is not generally passed to the source billing systems and cannot be easily derived. As such, this field should not be populated unless the particular billing system's rules per OC&C category are applied. The default value for this field is 00000.	
33	Multi Rate Indicator	X(1)	353	XDL	A code that indicates that there is unique pricing associated with the OC&C billed Amount. Valid values: Space = No Multi-Rate applies (Default) '1' = Multi-Rate applies '2' = Multiple component charges for single product identifier (applies to CABS only) '3' = Unit Pricing and/or Discount factors (applies to CABS only) '4' = Multiple component charges and Unit Pricing and/or Discount Factors for single product identifier and (applies to CABS only)	
34	Variable Rate Indicator	X(1)	354	XDL	A code that indicates if a variable rate applies to an item. Valid values: ' ' = No variable rate applies (DEFAULT) '1' = Variable rate applies '2' = Exchange rate applies '3' = Mileage rate applies '4' = Manual rate applies '5' = Special billing arrangement rate applies '6' = Volume Express Rate Applies 'A' = Interstate CABS rate applies 'B' = Intrastate CABS rate applies 'C' = Local CABS rate applies 'D' = Interstate/Intralata CABS rate applies 'E' = Intrastate/Intralata CABS rate applies 'F' = Non-jurisdictional CABS rate applies	

C T R	Record 65 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
35	Jurisdiction Code	X(1)	355	XDR	<p>A code that identifies the proper tariff jurisdictions (where applicable) of a charge or credit. The default value for this field is spaces.</p> <p>Valid values:                      '0' = Non-jurisdictional                      '1' = Interstate                      '2' = Intrastate                      '3' = Intrastate/IntraLATA                      '4' = Interstate/IntraLATA                      '5' = Local                      '6' = Intrastate/InterLATA                      '7' = Interstate/InterLATA</p> <p>The domain values above should be kept in -sync with the equivalent field in these four records: 65/00, 70/00, 71/00 and Sub-Record 50 – 302.</p>	
36	Account/Line./Circuit Reporting Code	X(1)	356	XDL	<p>Generic one byte code to be used to denote a variety of non-overlapping account/line/circuit conditions. It is to be used generically with various values for non-competing conditions on various accounts from various source billers as the need arises. In general it is used for downstream application metrics/reporting purposes. This is in an effort to minimize the use of the remaining reserved space on the record, The default value for this field is spaces.</p> <p>Valid values:                      'A' = Billed DSL Dry Loop Line</p>	
37	Key System Number	X(5)	357-361	XDL	<p>This identifies the key system number in which the service being charged or credited appears. OC&amp;Cs and service and equipment are grouped under this number on the Customer Service Record (CSR). The default value for this field is spaces.</p>	
38	CTX Location/Location Group Code	X(5)	362-366	XDL	<p>Identifies the Centrex location code or, for DC, MD, VA, WVA, Location Group (LG). OC&amp;Cs and service and equipment are grouped under this 5 digit number on the Customer Service Record (CSR). The default value for this field is spaces.</p>	
39	Main Equip Type	X(1)	367	XDL	<p>This identifies the type of equipment/service. The default value for this field is spaces.</p> <p>Valid values:</p>	

C T R	Record 65 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
					'1' = Restricted Centrexline '2' = Unrestricted Centrexline '3' = Patient Station Centrexline '4' = WATS line (both inward and outward) '5' = 800 Service line '6' = Circuit Alias '7' = Individual Line '8' = Two Party Line 'A' = Four Party Line 'B' = Digital CentrexLine 'C' = Cocots Line 'D' = Eight Party Line 'E' = ISDN BRI Line 'F' = ISDN PRI Line 'G' = Remote Forward Line 'H' = Digital Circuit Line 'I' = Circuit Line 'J' = Public Line 'K' = Semi Public Line 'L' = PBX Inward Line 'M' = PBX Outward Line 'N' = PBX Combination Line 'O' = MRNE Air Line 'P' = CentrexLine '9' = All others	
40	Line/Station ID	X (42)	368-409	XDL	Identifies the circuit associated with the item. Only the circuit if applicable is populated in this field. If a line applies to the item, the line number is populated in the Working Telephone Number field in the CAP portion of the record. The default value for this field is spaces. For NBBE (VSSI data), this field may also be populated with the site id associated with a product.	
41	Station Number	X(10)	410-419	XDL	The number assigned to a Station on a PBX or Centrex account. It may be a full 10-digit telephone number. For expressTRAK/NBBE, this field should contain the service point id. The default value for this field is spaces.	

C T R	Record 65 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
42	Switchboard	X(2)	420-421	XDL	Identifies the auxiliary switchboard/systems account or PBX with which the item is associated. OC&Cs and service and equipment are grouped under this code on the Customer Service Record (CSR) The default value for this field is spaces.	
43	DPA/Circuit LOC Code	X(5)	422-426	XDL	This is the location code as assigned to a circuit or different premise address (DPA). It is usually shown on the Customer Service Record (CSR). This field will be populated with either the Centrex Location Code or the Location Group.  This field identifies the Centrex Location code or Location Group for a particular telephone number. There can only be a single Centrex Location/ Location Group for any line but a circuit has both an origination & terminating Centrex Location/Location Group. For a circuit only the first originating location will be displayed on the bill. This field will contain that first location. The default value for this field is spaces.	
44	Charge Description Code	X(3)	427-429	XDL	Field is used, in conjunction with phrase code, to house OC&C type, which uniquely identifies the type of OC&C. Charge description code and phrase codes should be treated as a 7-character XDL field. For Pennsylvania or Delaware, OC&C type is a 6-character field. The default value for this field is spaces. Values for express TRAK/NBBE are: '000' = Account Activity, Effective on '001' = Minimum Guarantee Not Met, Effective '002' = Account Activity from '003' = Added to Monthly Service from '004' = Removed from Monthly Service from '005' = Bill Date Change Activity from '006' = Change in Monthly Rate from '007' = Prior Billing Adjustment from '008' = Change in Monthly Rate from '009' = Service Established, Charge(s) from thru - RES only '010' = Service Disconnected, Credit(s) from thru - RES only '011' = Repair and Maintenance Activity from thru - RES only '012' = Package Added to Service '013' = Packaged Removed from Service '014' = Product Moved to Package	

C T R	Record 65 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
					'015' = Product Retained from Package '016' = Product Added to Package '017' = Product Removed from Package '018' = One Time Service Charge(s) - LD only '019' = Out of Credit(s) - LD only '020' = Installment Billing Arrangement - BUS,RES,LD '042' = Contract Adjustments from thru (for ESG only) '043' = Contract Added '044' = Contract Removed '045' = Contract Rate Increased '046' = Contract Rate Decreased '047' = Rate Adjustment '048' = Retention, Promotion, Effective on '065' = Commitment Period from '066' = Termination Effective on '080' = FiOS to LEC Transfer '081' = LEC to FiOS Transfer '186' = Restored to Monthly Service '187' = Suspended from Monthly Service '188' = Out of Service' 'TBR' = Total Billed Revenue	
45	Phrase Code	X(4)	430-433	XDL	See charge description code. The default value for this field is spaces.	
46	Level Code	X(1)	434	XDL	Code represents the level of detail provided. This field must be populated with one of the values listed below. There is no default of spaces for this field. Valid values: '0' = account data '1' = line data '2' = Billing Agency Code(BAC)	
47	Additional Discount Type	X(2)	435-436	XDL	This field is used to provide additional detail when a discount has been applied. See 'Table of Values' at the end of this document for values for this field. The default value for this field is spaces.	



C T R	Record 65 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
48	Additional Discount Amount - \$	S9(9)V99	437-447	SDR	This field provides the amount of discount applied when 'Additional Discount Type' (above) reflects a value. The default value for this field is \$0.00. Note:-If 'Multiple Discounts Applied' (Additional Discount Type = 'M') then this field contains the <u>total</u> of additional discounts appearing on the 6060 record(s).	
49	TBR Discount Code	X(1)	448	XDL	This field denotes the status of a billed item for inclusion in TBR discounting base and threshold amounts. It will be set to 'E' by the source billing systems for items like taxes and surcharges and USSL discounts that are included in the line of bill that should NOT be included in TBR discounts. The default value for this field is spaces. Valid values: ' ' = default 'E' = exclude from TBR discount calculation	
50	Geo Code	X(12)	449-460	XDL	Geo Code associated with most commercial taxing software. May be populated with or without TAR code being populated. The values and format are jurisdictionally defined. The default value for this field is spaces.	

### 4.26 Discounts and Promotions Record Number 67

This record will be used by expressTRAK/NBBE to portray CSP discounts related to multiple bill line items. In the expressTRAK billing systems, discounts appear as a standalone line of bill and may appear as flat dollar discounts, percentage discounts or both. Discounts and promotions appear as standalone items, and while they relate to particular lines of bill, the discounts do not appear in the various sections to which they pertain. For example, an account may have both message unit and direct dialed call discounts which appear as separate line items in the **CSP** section of the bill. Both discounts would be added together for one discount total. Please see example below.

#### Verizon CSP Savings Summary

Usage in this summary has been re-rated specific to your CSP contract rate  
 Any questions, please check your contract or contact your Corporate Account Manager.

Customized Discounts	Charges	Discount	Billed	Savings
1. Message Units	3.19	27%	2.33	.86 <sub>cr</sub>
<b>Total Verizon CSP Savings</b>				<b>\$.86<sub>cr</sub></b>

Verizon Calls from 410 747-8640

#### Verizon Direct Dialed Calls **The following is mapped to record 30/00 without the CSP related info.**

Description	Calls	Amount
2. Total Number of Message Units Charged	35	3.19

#### See CSP Savings Summary

<b>Total Verizon Direct Dialed Calls</b>		<b>\$3.19</b>
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7/31/03 – The 67/00 record will also be implemented in NPD for discounts that are standalone lines of bill. This applies to the following charge codes for NPD:

- '0801' = Additional toll discount
- '0802' = Local usage Discount
- '0803' = 800 service discount
- '0804' = Rewarding Connections Discount
- '0805' = Business bonus Plan.

These charge codes may appear on 67/00 records and will balance back to the like charge code on the 25/00 record.

C T R	Record 67 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
	CAP		1-175		See 4.2 for CAP definition.	
1	Discounts and Promotions Type Code	X(1)	176	XDL	Denotes the type of promotion or discount. Valid values: ' ' Dummy record '1' = Flat Dollar Discount '2' = Percentage Discount '3' = Seasonal Suspend '4' = Universal Service Schools and Libraries Discount '5' = Promotions	
2	Discounts and Promotions Description Code	X(4)	177-180	XDL	Unique code used to denote each discount or promotion. The text associated with the description should be provided via a 95/00 record.	
3	Discount and Promotions Type Literal	X(25)	181-205	XDL	This field contains the literal description used to denote the type of charge the discount is applicable to. The default value for this field is spaces. This field should be populated with spaces when the discount or promotion cannot be associated to a particular line of bill or charge.	
4	Discounts and Promotions Charges/units	9(9)V99	206-216	9DR	This is the amount that the Discount was calculated on. It can also be the rate per call for Flat Dollar Discounts. The default value of this field is \$0.00.	
5	Discounts and Promotions Discount	9(2)V9(5)	217-223	9DR	This field contains the percentage at which the discount was applied. When the Discounts and Promotions Type Code field is populated with a '2' this field is populated with the associated percentage. The default value for this field is zeroes.	
6	Discounts and Promotions Savings Amount - \$	S9(9)V99	224-234	SDR	This is the dollar amount saved per discount or promotion type. The default value for this field is \$0.00. When the Discounts and Promotions Charges/Units = \$ this field should NOT be balanced (do not apply formula Discounts and Promotions Savings Amount = Discounts and Promotions Charges/Units – Billed Amount)	
7	Billed Amount - \$	S9(9)V99	235-245	SDR	This is the total amount billed for all discounts and promotions. The billed amount may be populated on each 67/00 record. The default value for this field is \$0.00. Note: It is not mandatory that the billed amount be populated for all items. In some instances, only a savings amount is specified as relevant to the bill display.. the savings amount would be populated in the Discounts and Promotions Savings Amount - \$ field.	

C T R	Record 67 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
					This field contains the GROSS amount of the discount	
8	POF	X(8)	246-253	XDL	Product offering family. Used in conjunction with POE and REM to uniquely and fully identify a product. The default value for this field is spaces.	
9	POE	X(8)	254-261	XDL	Product offering element. Used in conjunction with POF and REM to uniquely and fully identify a product. The default value for this field is spaces.	
10	REM	X(8)	262-269	XDL	Rate element ID. Used in conjunction with POF and POE to uniquely and fully identify a product. The default value for this field is spaces.	
11	Flat Dollar Discount Amount - \$	S9(9)V9(5 )	270-283	SDR	Dollar amount associated with a flat dollar discount. When the Discounts and Promotions Type Code field is populated with a '1' this field is populated with the flat dollar discount amount. The default value for this field is \$0.00.	11
12	Reserved	X(11)	284-294	XDL	The default value for this field is spaces.	

**4.27 Discounts and Promotions Record Number 68**

This record is used to capture discount and promotion information. Multiple discount types and levels may be applicable to a single invoice. A single record will be written for each invoice line.

C T R	Record 68 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
	CAP		1-175		See 4.2 for CAP definition.	
1	Discount Card	X(8)	176-183	XDL	Unique value assigned at corp id, primary corp id, bill payer or location level used for discount grouping. The default value for this field is spaces.	
2	Discount Key	9(9)	184-192	9DR	Unique value assigned to group individual discounts under a discount card. The default value for this field is zeroes.	
3	Gross/Net Indicator	X(1)	193-193	XDL	Indicates whether a discount is based on net or gross. Valid values: ' ' = default 'Y' = Based on Net of prior Discounts 'N' = Based on Gross	
4	Display Level	X(1)	194-194	XDL	Indicates the display level for the discount data. Multiple levels may be applicable to a single invoice. Valid values: ' ' = default '1' = group by discount line item literal '2' = Display State, NPA, Country Code '3' = Display State or Country Code '4' = Display Digital Distribution Clearinghouse (DDC) Title	
5	Origination Country Code	X(3)	195-197	XDL	Standard ISO Country Code as associated with discount origination as applicable. The code as well as the country name appear for invoice display. The default value for this field is spaces.	
6	Origination NPA	X(3)	198-200	XDL	Originating area code as associated with discount origination as applicable. The default value for this field is spaces.	
7	Origination State	X(2)	201-202	XDL	Standard State originating code as associated with discount origination as applicable. The code as well as the state name appear for invoice display. The default value for this field is spaces.	
8	Termination Country Code	X(3)	203-205	XDL	Standard ISO Country Code as associated with discount termination as applicable. The code as well as the country name appear for invoice display.	

C T R	Record 68 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
					The default value for this field is spaces.	
9	Termination NPA	X(3)	206-208	XDL	Terminating area code associated with discount origination as applicable. The default value for this field is spaces.	
10	Termination State	X(2)	209-210	XDL	Standard State originating code associated with discount termination as applicable. The code as well as the state name appear for invoice display. The default value for this field is spaces.	
11	Qualifying Amount - \$	S9(9)V99	211-221	SDR	Dollar amount for qualifying charges associated with each discount line item. The default value for this field is zeroes.	
12	Qualifying Units	X(1)	222-222	XDL	Unit of measure for qualifying discount charge amount. This field should be kept in-synch with the field Eligible Units below. Valid values: ' ' = default 'B' = Megabytes 'C' = Calls/Units 'D' = Dollars 'G' = Gigabytes 'M' = Minutes 'S' = Stock Keeping Units (SKUs) 'T' = Terabytes	
13	Eligible Amount - \$	S9(9)V99	223-233	SDR	Dollar amount for eligible charges associated with each discount line item. The default value for this field is zeroes.	
14	Eligible Units	X(1)	234-234	XDL	Unit of measure for eligible discount charge amount. This field should be kept in-synch with the field Qualifying Units above. Valid values: ' ' = default 'B' = Megabytes 'C' = Calls/Units 'D' = Dollars 'G' = Gigabytes 'M' = Minutes 'S' = Stock Keeping Units (SKUs) 'T' = Terabytes	
15	Applied Discount Amount - \$	S9(9)V99	235-245	SDR	Discount dollar amount actually applied. The default value for this field is zeroes.	
16	Reserved	X(50)	246-295	XDL	The default value for this field is spaces.	

**4.28 Contract Fulfillment Discount Record Number 69**

This record is used to capture discounts related to contract commitments by product.

C T R	Record 69 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
	CAP		1-175		See 4.2 for CAP definition.	
1	Product Grouping 1	X(6)	176-181	XDL	Represents the highest level of the product grouping. (e.g. Data Services) The default value for this field is spaces.	
2	Product Grouping 2	X(6)	182-187	XDL	Represents the second level of the product grouping. (e.g. Frame Relay) The default value for this field is spaces.	
3	Product Grouping 3	X(6)	188-193	XDL	Represents the third level of the product grouping. (e.g. 76K Port) The default value for this field is spaces.	
4	Sequence Number	9(3)	194-196	9DR		
5	Reserved	X(14)	197-210	XDL	The default value for this field is spaces.	
6	Contract Fulfillment Number of Occurrences	9(2)	211-212	9DR	Number of times the following data fields are repeated for multiple occurrences of similar data. It contains the number of charge type codes & amounts populated in this record. Default value is 01.	
	Contract Fulfillment Area		213-582		The following fields (denoted by @) are multiplied 1 to 10 times depending on the Contract Fulfillment Number of Occurrences field.	
7	@Contract Fulfillment Charge Type Code	X(1)	213-213	XDL	Unique code that identifies the type of dollar amount associated with the contract fulfillment charge amount field. The default value for this field is spaces. Valid values: ' ' = default '1' = Total Service Amount '2' = Amount Contributing to Discount '3' = Amount Eligible for Discount '4' = Total Discount Amount '5' = Contract Commitment Contribution Amount	
8	@Contract Fulfillment Charge Amount - \$	S9(9)V99	214-224	SDR	Dollar amount associated with related Contract Fulfillment charge type code. The default value for this field is zeroes.	
9	@Reserved	X(25)	225-249	XDL	The default value for this field is spaces.	

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### **4.29 Bill Verification Record Number 70**

This record contains the details of all-chargeable services and equipment on a customer's account. It reflects the complete Customer Service record and should always balance back to Line 1 of the bill.

PIC and LPIC information for each BTN/WTN must always be provided in relation to service and equipment.

Bill Verification (70/00) records should be created for all zero rated items.

Note: Due to new address sequencing/association requirements, 70/00 records may now overflow. This will allow for associations of greater than 50 addresses per 70/00 record. In instances where a 70/00 record overflows, minimal information is required on the overflow record for tracking (e.g. CAP fields, USOC, etc).

Required data on overflow 70/00 record is Working Telephone Number or Line/Station ID as applicable, quantity, rate, USOC/Product ID, Amount Current.

#### **CBSS Filtering of Tracking IOSC Requirement**

CBSS should not create 70/00 records for tracking IOSCs. Proper filtering must be put into place to prevent 70/00 records from being produced for tracking IOSCs.

CABS – Mapping of data that supports 0340 charge code.

CABS CSR data may be broken down into sub components, for Interstate, Intrastate, Local, etc. for the same product. Conceptually this would be allowing multiple rates and charges for a single USOC which today would be mapped to a single Vz450 record 70/00.

When this scenario applies multiple 70/00 records will be written as follows.

The Multi Rate Indicator will be set to '2'

The Variable Rate indicator will be set with the appropriate value for sub charge type (values 'A' thru 'E')

The Overflow Indicator will be set to 1

The Quantity will be repeated on all records

The USOC will be repeated on all records.



C T R	Record 70 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
	CAP		1-175		See 4.2 for CAP definition.	
1	Effective Date	9(6)	176-181	9DR	This is the date from which the item is billed or credited. This will contain the date the item was invoiced for Oracle PeopleSoft. Valid Format is YYMMDD. The default value for this field is 000000.	
2	Class of SVC USOC	X(5)	182-186	XDL	This is the Universal Service Order Code of the primary class of service of the account. The default value for this field is spaces.	
3	USOC/ISOC	X(5)	187-191	XDL	This is the universal service order code for each rated item. The default value for this field is spaces. Note: the VOL productid will be mapped to this field.	
4	Special Pricing Plan	X(3)	192-194	XDL	This indicates the pricing plan used to rate this item. Valid values: ' ' = default 'PPR' = Primary Package Record 'PCR' = Component Package Record. When this value is populated, the Special Record Code field will be populated with 'C' to indicate the item is a package component, and should not be included 'IQS' = IQ Services Note: when this value is populated the Special record Type Code will not be populated with a 'C' as this is a billable package component. And should be included for balancing. 'PLN' = Account Plan 'PDT' = Account Product 'ACT' = Account Contract 'IOB' = iobi account level summary and detail records	
5	Multi Rate Indicator	X(1)	195	XDL	This indicates that there is unique pricing associated with the USOC. When a multi rate applies, the Amount Current-\$ is not divided by the Quantity to reflect a rate per product in the Rate Current-\$. Valid values: ' ' = No Multi-Rate applies (default) '1' = Multi-Rate applies '2' = Multiple component charges for single product identifier (applies to CABS only) '3' = Unit Pricing and/or Discount factors (applies to CABS only) '4' = Multiple component charges and Unit Pricing and/or Discount Factors for single product identifier and (applies to CABS only)	
6	Dummy Record Indicator	X(1)	196	XDL	This field indicates whether a 70/00 record is being created solely for the purpose of associating a subsequent Sub Record.	

C T R	Record 70 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
					Valid values: ' ' = Not a dummy 70/00 record (default) 'D' = Dummy 70/00 record.	
7	Activity Indicator	X(1)	197	XDL	This indicates if there has been service order activity on the amount of equipment during the bill period. Valid values: '0'=No service order activity (DEFAULT) '1'=Service order activity	
8	Quantity	9(5)	198-202	9DR	Number of items for a given item. For mileage items, contains mileage quarters. To maintain consistency with Ordering and Billing Forum(OBF) standards such as the BDT, this field must contain a whole number. The default value for this field is 00000.	
9	Last Service Order Number	9(9)	203-211	9DR	The last service order number to effect the product represented on the record. The default value of this field is spaces. Note: Currently to be populated by expressTRAK/NBBE only.	
10	Jurisdiction Code	X(1)	212	XDR	A code that identifies the proper tariff jurisdictions (where applicable) of a charge or credit. The default value for this field is spaces. Valid values: '0' = Non-jurisdictional '1' = Interstate '2' = Intrastate '3' = Intrastate/IntraLATA '4' = Interstate/IntraLATA '5' = Local '6' = Intrastate/InterLATA '7' = Interstate/InterLATA  The domain values above should be kept in-sync with the equivalent field in these four records: 65/00, 70/00, 71/00 and Sub-Record 50 – 302.	
11	Amount Current - \$	S9(9)V99	213-223	SDR	This is the current total amount charged for the quantity of like items. The default value for this field is \$0.00.	
12	Termination Code	X(3)	224-226	XDL	This is the termination code assigned to a circuit location termination. The default value for this field is spaces.	
13	TAR Code Information	X(8)	227-234	XDL	This contains code(s) representing the local taxing area(s). Values and format are locally defined. If populated, contains a four character TAR Code or other similar tax code up to 8 bytes that otherwise indicates taxing authority.	

C T R	Record 70 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
					The default value for this field is spaces.	
14	Amount Old - \$	S9(9)V99	235-245	SDR	This is the old total amount charged for the quantity of like items. It could be used for a rate change. The default value for this field is \$0.00.	
15	Variable Rate Indicator	X(1)	246	XDL	This indicates if a variable rate applies to an item. Valid values: '0' = No variable rate applies (DEFAULT) '1' = Variable rate applies '2' = Exchange rate applies '3' = Mileage rate applies '4' = Manual rate applies '5' = Special billing arrangement rate applies '6' = Volume Express Rate Applies 'A' = Interstate CABS rate applies 'B' = Intrastate CABS rate applies 'C' = Local CABS rate applies 'D' = Interstate/Intralata CABS rate applies 'E' = Intrastate/Intralata CABS rate applies 'F' = Local CABS rate applies	
16	Carrier Access Line Charge Indicator	X(1)	247	XDL	This indicates if Carrier access line charges apply to this item. Valid values: '0' = No Carrier access line charge applies (DEFAULT) '1' = Carrier access line charge applies	
17	Number of Contract Months	9(3)	248-250	9DR	This is the number of months that the contract is effective. The default value for this field is 000.	
18	Contract Date	9(6)	251-256	9DR	This is the effective date of the contract for which billing is initiated. The default value for this field is 000000. Valid Format is YYMMDD.	
19	Contract Number	X(10)	257-266	XDL	This is the local contract number, which applies to this record information. The default value for this field is spaces.	
20	Tax Status Indicator - Federal	X(1)	267	XDL	This indicates if this product is subject to federal tax. The default value for this field is spaces if tax status is not available at the item/product level. Valid values: '0' = Taxable '1' = Tax exempt	
21	Tax Status Indicator -	X(1)	268	XDL	This indicates if this product is subject to State tax.	

C T R	Record 70 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
	State				The default value for this field is spaces if tax status is not available at the item/product level. Valid values: '0' = Taxable '1' = Tax exempt	
22	Tax Status Indicator - E911 Surcharge	X(1)	269	XDL	This indicates if this product is subject to E911 surcharge. The default value for this field is spaces if tax status is not available at the item/product level. Valid values: '0' = Taxable '1' = Tax exempt	
23	Account/Line/Circuit Reporting Code	X(1)	270	XDL	Generic one byte code to be used to denote a variety of non-overlapping account/line/circuit conditions. It is to be used generically with various values for non-competing conditions on various accounts from various source billers as the need arises. In general it is used for downstream application metrics/reporting purposes. This is in an effort to minimize the use of the remaining reserved space on the record, The default value for this field is spaces. Valid values: 'A' = Billed DSL Dry Loop Line	
24	Tax Status Indicator - Surcharge	X(1)	271	XDL	This indicates if this product is subject to surcharge. The default value for this field is spaces if tax status is not available at the item/product level. Valid values: '0' = Surcharge applies '1' = No surcharge applies	
25	Tax Status Indicator - Local	X(1)	272	XDL	This indicates if this product is subject to local tax. The default value for this field is spaces if tax status is not available at the item/product level. Valid values: '0' = Taxable '1' = Tax exempt	
26	Key System Number	X(5)	273-277	XDL	This identifies the Key System number in which the service being charged or credited appears. OC&Cs and service and equipment are grouped under this number on the Customer Service Record (CSR). The default value for this field is spaces.	
27	CTX	X(5)	278-282	XDL	Identifies the Centrex location code or, for DC, MD, VA, WVA, Location Group (LG).	

C T R	Record 70 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
	Location/Location Group Code				OC&Cs and service and equipment are grouped under this 5-digit number on the Customer Service Record (CSR). The default value for this field is spaces.	
28	Main Equip Type	X(1)	283	XDL	This identifies the type of equipment/service. The default value for this field is spaces. Valid values: '1' = Restricted Centrex line '2' = Unrestricted Centrex line '3' = Patient Station Centrex line '4' = WATS line (both inward and outward) '5' = 800 Service line '6' = Circuit Alias '7' = Individual Line '8' = Two Party Line 'A' = Four Party Line 'B' = Digital Centrex Line 'C' = Cocots Line 'D' = Eight Party Line 'E' = ISDN BRI Line 'F' = ISDN PRI Line 'G' = Remote Forward Line 'H' = Digital Circuit Line 'I' = Circuit Line 'J' = Public Line 'K' = Semi Public Line 'L' = PBX Inward Line 'M' = PBX Outward Line 'N' = PBX Combination Line 'O' = MRNE Air Line 'P' = Centrex Line '9' = All others	
29	Line/Station ID	X(42)	284-325	XDL	This identifies the circuit associated with the item. Only the circuit if applicable is populated in this field. If a line applies to the item, the line number is populated in the Working Telephone Number field in the CAP portion of the The default value for this field is spaces.	

C T R	Record 70 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
					For NBBE (VSSI data), this field may also be populated with the site id associated with a product.	
30	Station Number	X(10)	326-335	XDL	The number assigned to a Station on a PBX or Centrex account. It may be a full 10-digit telephone number. For express TRAK/NBBE, this field should contain the service point id. The default value for this field is spaces.	
31	Switchboard	X(2)	336-337	XDL	This identifies the auxiliary switchboard/systems account or PBX with which the item is associated. OC&Cs and service and equipment are grouped under this code on the Customer Service Record (CSR). The default value for this field is spaces.	
32	Local Extension	X(3)	338-340	XDL	This is the 'local' or 'extension' numbers of a PBX behind a Centrex. The default value for this field is spaces.	
33	Reserved	X(3)	341-343	9DR	The default value for this field is spaces.	
34	DPA/Circuit LOC Code	X(5)	344-348	XDL	This is the code assigned to a circuit or different premise address (DPA). It is usually shown on the Customer Service Record (CSR) The default value for this field is spaces.	
35	Reference Code	X(2)	349-350	XDL	This code further identifies an item. It is used to separate S&E with the same line or Station number. Valid values: 'CC' = Combined Charge code. Sequential records marked with 'CC' need to be combined into a single bill entry when recreating the paper bill. The default value for this field is spaces.	
36	Explanation	X(80)	351-430	XDL	This field allows for descriptive information of the item as contained on the service order. The default value for this field is spaces.	
37	Secondary LOC Code	X(3)	431-433	XDL	A second location code assigned to the item of service or equipment. It is different than CTX LOC code and DPA/Circuit LOC code. The default value for this field is spaces.	
38	Circuit for Destination	X(3)	434-436	XDL	This field allows the representation of a second occurrence of DPA, CKL, TRM or SPA on an item. The default value for this field is spaces.	
39	Toll Billing Exception Indicator	X(1)	437	XDL	This field allows the identification of lines with a toll billing exception. The default value for this field is spaces.	
40	Special Contract ID	X(2)	438-439	XDL	This field allows for the identification of a special contract. The default value for this field is spaces.	
41	Geo Code	X(12)	440-451	XDL	Geo Code associated with most commercial taxing software. May be populated with or without TAR code being populated. The values and format are jurisdictionally defined. The default value for this field is spaces.	

C T R	Record 70 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
42	POE/Item ID	X(9)	452-460	XDL	Product Offering Element associated with the express TRAK billing system. Used to communicate a unique product ID.  <b>OR</b> Item ID associated with the SSB billing system. Used to communicate a unique product ID within that system. 9 bytes.  <b>OR</b> Event ID for CBSS Pay-per-View or Video-on-Demand customers. Value is 6-bytes.  For fMCI accounts this field will contain the TCIF charge code.	
43	Rate Current - \$	S9(8)V999	461-471	SDR	This is the rate per item. Note: some systems do not currently have unit price available. The default value for this field is \$0.00.	
44	Reserved	X(2)	472-473	XDL	The default value for this field is spaces.	
45	Type of Line/Station	X(1)	474	XDL	A code describing the type of data found in Line/Station ID. Valid values: ' ' = No supplemental line/circuit number (DEFAULT) 'C' = Circuit Number (CKT or CLS) 'P' = PX number or charge listing serial number 'S' = Supplemental telephone number or (DC, MD, VA, or WVA) TLI CSSN (calling card special number) or TTN (Toll Tel. No.) CODETK (coded trunk) 'W' = WATS SIT	
46	Contract Expiration Date	9(6)	475-480	9DR	This is the expiration date of the contract for which billing is initiated. This field may also contain an expiration date for a USOC, ISOC, or POE/Item ID. The default value for this field is 000000. Valid Format is YYMMDD. 999999 is a valid value for express TRAK and NBBE for contracts with no expiration date specified. Currently used by express TRAK/NBBE.	
47	Bill Verification Address Number of Occurrences	9(2)	481-482	9DR	This is the number of times the following data fields are repeated for multiple occurrences of similar data. The default value is 00. Valid values: 00 through 50	
	Bill Verification Address Area		483-832		The following fields (denoted by @) are populated 0 to 50 times depending on the Bill Verification Address Number of Occurrences field.	
48	@Address Category	X(1)	483	XDL	This is a code used to indicate the name and address category.	

C T R	Record 70 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
	Indicator				<p>This field directly corresponds to the Category Indicator field that appears on the xx/10 record. It is to be used as a cross-reference to associate a 70/00 record with the address that appears on a 70/10 record.</p> <p>This field must be populated with one of the values listed below. There is no default of spaces for this field.</p> <p>Valid values:</p> <ul style="list-style-type: none"> <li>'1' = Main Billing Name &amp; Address</li> <li>'2' = Listed Name &amp; Address</li> <li>'3' = Service Name &amp; Address - includes BANs, WTNs and Circuits. Circuit Endpoint ID must be used in conjunction with Circuit Address.</li> <li>'4' = Payment Name &amp; Address</li> <li>'5' = Media Ship-to Name &amp; Address</li> <li>'6' = Calling Card Name &amp; Address</li> <li>'7' = Different Premise Address</li> <li>'8' = Secondary Location Address</li> <li>'A' = Ancillary Billing Address</li> <li>'B' = Equipment Ship-to Address</li> <li>'C' = Entity Correspondence Address When the correspondence address appears on the primary biller, the address appears as part of the Helpful Numbers section, when associated with an entity besides the primary biller this is the mailing address as associated with the entity and generally appears within that entity's section of the bill. This currently applies to subcarrier mailing address, but may be expanded at any time in the future to include any entity that requires a mailing address be provided.</li> <li>'D' = Sold To Address</li> <li>'L' = Location Group Address</li> <li>'S' = Service Point Address</li> </ul>	
49	@Address Sequence Code	9(6)	484-489	9DR	<p>A uniquely assigned code used to associate 10 Sub Records to associated 70/00 records for one or more products.</p> <p>This code should be uniquely assigned per category per address.</p> <p>One or more 70/00 records may be associated to 10 Sub Record via the address sequence code.</p> <p>It should only be populated on 70/10 records.</p> <p>The default value for this field is zeroes.</p> <p>Each unique combination of address category and address should be assigned a sequence code. The Category Indicator and Address Sequence Code on the 70/10 record must directly correspond to the Address Category Indicator and Address Sequence Code on any 70/00 record to which a particular address is associated.</p>	



C T R	Record 70 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
					<p>Each unique combination of Address Category and Address need only appear on a single 70/10 record, as the Address Category indicator and Address Sequence Code on the 70/00 records enables an association to one or multiple 70/00 records.</p> <p>By using the Address Category Indicator and Address Sequence number on the 70/00 to specify the association with the like fields on the 70/10 record, the relationship is implicit instead of implied by the order in which the records appear in the file.</p> <p>Note: Addresses should appear uniquely at the BAN or Circuit level, i.e. one occurrence of each unique address per BAN.</p>	

### 4.30 Enhanced Bill Verification Record Number 71

This record is used to relay information about various types of non-metered charges. Charges are categorized by Charge Type.

Note: Due to new address sequencing/association requirements, 71/00 records may overflow. This will allow for associations of greater than 50 addresses per 71/00 record. In instances where a 71/00 record overflows, minimal information is required on the overflow record for tracking (e.g. CAP fields). Required data on overflow 71/00 records is Charge Type Code, Charge Sub Type Code, Charge Amount, Quantity, Rate, Circuit Identifier, Address Number of Occurrences, Address Category and Address Sequence Number.

C T R	Record 71 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
	CAP		1-175		See 4.2 for CAP definition.	
1	Charge Type Code	PIC X(1)	176-176	XDL	Unique identifier to categorize the charge. Valid values: '' = Default 'A' = Adjustments 'B' = Prepaid 'C' = Summary 'D' = Discount 'E' = Extra Service Baseline Summary 'F' = Extra Service ARC/RRC Summary 'M' = Customer Level Minimum Spend 'N' = Non-recurring 'P' = Promotions 'R' = Recurring 'S' = Service display only 'T' = Tax CLIN (Informational) 'U' = Usage 'X' = Unknown 'Y' = Rounding Difference	
2	Charge Sub Type Code	PIC X(1)	177-177	XDL	Provides a further breakdown of the Charge Type Code when sub groupings are required for summaries. '' = Default 'A' = Adjustment 'B' = Bulk Upload Adjustment 'C' = Consumption Event	

C T R	Record 71 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
					'E' = Early Termination Liability 'F' = Recurring Feature Charge 'T' = Incollect charges 'M' = Product Level Minimum Spend 'N' = Adjust/Discount/Promotion applied on an NRC 'O' = One Time Contractual Credit/Signing Bonus 'P' = One Time Contractual Charges/Penalties 'R' = Adjust/Discount/Promotion applied on an MRC 'S' = Service related charges 'U' = Adjust/Discount/Promotion applied to Usage 'W' = Waived Charges	
3	SAB Eligible Indicator	PIC X(1)	178-178	XDL	The Standard Accounting Board eligibility indicators specifically relating to the recognition of line installation-related charges and other similar non-recurring charges. The Journal Entries are prepared to ensure that the subject revenue is recognized over the life of the underlying contract, instead of being recognized all at once in current period revenue. (Please note that this deferral applies to installation charges for lines, not equipment installation) The default value for this field is spaces. Valid values: 'Y' = Yes 'N' = No	
4	Level Code	PIC X(1)	179-179	XDL	Code represents the level of detail provided. Valid values: '0' = Account data '1' = Line/Circuit/IP data '2' = BAC data '3' = Suppressed Charge Literal for Bundle	
5	Charge Amount	PIC S9(9)V99	180-190	SDR	Contains the billed amount for the charge. The Default Value for this field is zeroes.	
6	Tax Amount	PIC S9(9)V9(6)	191-205	SDR	Contains the tax amount applicable to each individual detail charge. The Default Value for this field is zeroes.	
7	From Date	PIC 9(6)	206-211	9DR	The start date of billing for the service period. The format is YYMMDD. The default value for this field is zeroes.	
8	Through Date	PIC 9(6)	212-217	9DR	The end date of billing for the service period. The format is YYMMDD. The default value for this field is zeroes.	

C T R	Record 71 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
9	Charge Begin Date	PIC 9(6)	218-223	9DR	The start date of billing for this invoice period for the item. The format is YYMMDD. The default value for this field is zeroes.	
10	Charge End Date	PIC 9(6)	224-229	9DR	The end date of billing for this invoice period for the item. The format is YYMMDD. The default value for this field is zeroes.	
11	Purchase Order Number	PIC X(30)	230-259	XDL	Purchase Order Number Associated with the product. The default value for this field is spaces.	
12	Service Order Number	PIC X(15)	260-274	XDL	This is a unique number assigned to a service order to identify it. The default value for this field is spaces.	
13	Quantity	PIC 9(10)V9(3)	275-287	9DR	Billed Quantity or units. The default value for this field is zeroes. When the CAP Special Record Type Code is set to 'O', this field will be populated with the actual usage speed of the Allocation Overage charge.	
14	Count	PIC X(5)	288-292	XDL	Tally of number of units associated with item. Differs from billable quantity. The default value for this field is spaces.	
15	Originating GEO Code	PIC X(16)	293-308	XDL	A code associated with a spatial element which describes its originating location. An example would be a coordinate such as longitude or latitude. The default value for this field is spaces.	
16	Terminating GEO Code	PIC X(16)	309-324	XDL	A code associated with a spatial element which describes its terminating location. An example would be a coordinate such as longitude or latitude. The default value for this field is spaces.	
17	Rate	PIC 9(5)V9(5)	325-334	9DR	Unit rate for the product. The default value for this field is zeroes.	
18	Circuit Identifier Type	PIC X(1)	335-335	XDL	Unique code that identifies the type of identifier in the Circuit Identifier field. Valid values: ' ' = Default 'A' = Access Type 'B' = Domain 'C' = Circuit 'D' = DSLACI 'T' = IP Address 'J' = Dedicated IP	
19	Circuit Identifier	PIC X(42)	336-377	XDL	Unique circuit Identifier The default value for this field is spaces.	

C T R	Record 71 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
20	Component Number	PIC X(15)	378-392	XDL	Unique number identifying component (ties the 71 to the 50s - 710) The default value for this field is spaces.	
21	Contract Start Date	PIC 9(6)	393-398	9DR	Format is YYMMDD The default value for this field is zeroes.	
22	Contract End Date	PIC 9(6)	399-404	9DR	Format is YYMMDD The default value for this field is zeroes.	
23	Contract Term	PIC 9(6)	405-410	9DR	Identifies the duration of the contract in months. The default value for this field is zeroes.	
24	Discount Percentage	PIC 9(3)V9(2)	411-415	9DR	The percentage level associated with a discount to a detail charge. The default value for this field is zeroes.	
25	Discount base/eligible amount	PICS9(9)V9(2)	416-426	SDR	The dollar amount on which a discount is based, or the amount eligible for a discount. The default value for this field is zeroes.	
26	Discount Amount	PICS9(9)V9(2)	427-437	SDR	Dollar amount associated with a discount applicable to an a individual detail charge. The default value for this field is zeroes.	
27	Discount Type	PIC X(1)	438-438	XDL	Unique code that classifies a particular type of discount. Valid values: ' ' = default '1' = Aggregate '2' = Term '3' = ABN '4' = Percentage '5' = Volume '6' = Volume by Customer Group '7' = Contract (customer) '8' = Destination '9' = Global Volume 'A' = Service Volume 'B' = Free Trial 'C' = Credit 'D' = Discount 'E' = Subsidy 'F' = Free 'G' = Waiver 'H' = Rebate	

C T R	Record 71 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
					'I' = Flat 'J' = Tiered 'K' = Tapered	
28	Product Identifier Type	PIC X(1)	439-439	XDL	Unique code used to describe the type of product code in the Product Identifier field. Valid values: ' ' = default 'A' = fMCI Charge Code 'B' = Contract Line Identifier (CLIN) 'C' = International Product Identifier 'D' = VOIP Usage Product Identifier 'E' = V4 Product Identifier 'F' = Market Code	
29	Product Identifier	PIC X(10)	440-449	XDL	This is a placeholder for the fMCI low level product identifier. The approach and exact code are not yet finalized so the size and definition of this field may change. The default value for this field is spaces.	
30	Effective Date	PIC 9(6)	450-455	9DR	Date the item was originally placed in service, or billing originally commenced for the item. The format for this field is YYMMDD. The default value for this field is zeroes.	
31	Usage Type Indicator	PIC X(2)	456-457	XDL	This indicates the type of usage units tallied in the usage increment fields. The default value for this field is spaces. See 'Table of Values' at the end of this document for values for this field.	
32	Service Type	PIC X(20)	458-477	XDL	Text Literal that describes the type of service The default value for this field is spaces.	
33	Circuit Speed	PIC 9(13)V99	478-492	9DR	Circuit/Port Line Speed as Kbps times 10 (14.4 Kbps is 144) The default value for this field is zeroes. Exception: IBRS (OSID = M1) and Vision (OSID = M2) send Circuit Speed in Kbps.	
34	Circuit Mileage	PIC 9(15)	493-507	9DR	Distance Circuit spans in miles The default value for this field is zeroes.	
35	Circuit Originating NPA	PIC X(3)	508-510	XDL	Originating Area Code The default value for this field is spaces.	
36	Circuit Originating NXX	PIC X(3)	511-513	XDL	Originating Central Office The default value for this field is spaces.	
37	Circuit Terminating NPA	PIC X(3)	514-516	XDL	Terminating Area Code	

C T R	Record 71 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
					The default value for this field is spaces.	
38	Circuit Terminating NXX	PIC X(3)	517-519	XDL	Terminating Central Office The default value for this field is spaces.	
39	Circuit Service Type Code	X(1)	520-520	XDL	A code that defines the type of circuit service or on-net/off-net service type.  Valid values: ' ' = default 'B' = BACKUP 'C' = CONTROL 'D' = DROP 'N' = NNI 'S' = STANDARD '1' = ON-NET '2' = SECONDARY = a secondary PVC '3' = OFF-NET '4' = CRITICAL '5' = ROUTINE	
40	Circuit Settlement Code	PIC X(2)	521-522	XDL	International/Intra-country indicator  Valid values: ' ' = default '1' = Metro '2' = Frame Interworking/ATM Interworking '3' = Standard '4' = International Intra Country '5' = Dynamic '6' = Internet Service Provider '7' = Internet '8' = Digital Gateway 'A' = ATM Internet 'F' = Frame Internet 'P' = PIP PVC riding on circuit associated to another product 'IA' = Intrastate 'IR' = Interstate	

C T R	Record 71 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
41	Service ID/Product Instance ID	PIC X(15)	523-537	XDL	Text literal that identifies the type of service. The default value for this field is spaces.	
42	Total Megabytes for Circuit	PIC X(15)	538-552	XDL	Total megabytes transmitted thru circuit. The default value for this field is spaces.	
43	Usage Sub Category	PIC X(5)	553-557	XDL	Unique code that provides a sub classification of the usage. A decodeto provide the sub class will be provided on the 95/00 record (Type Data = '088'). The default value for this field is spaces.	
44	Commitment Speed	PIC 9(13)V99	558-572	9DR	Commitment Speed is shown, in association with the Commitment Speed Type Indicator. The default value for this field is zeroes.	
45	Commitment Speed Type Indicator	PIC X(1)	573-573	XDL	Measurement of value in Commitment Speed field. Valid values: ' ' = default – Kbps 'G' = Gbps 'K' = Kbps 'M' = Mbps	
46	ICB Circuit Rate Indicator	PIC X(1)	574-574	XDL	Individual Case Basis Circuit Rate Indicator. Default value is space. Valid values: 'Y' = Individual Case Basis Circuit Rate applies 'N' = Individual Case Basis Circuit Rate does not apply	
47	Summary/Component Level Service Delivery Indicator	PIC X (1)	575-575	XDL	This field is used by the Revenue Systems to determine when Verizon is billing detail Baseline charges but has not delivered associated Summary or Component Level Services. Default value is space. Valid values: 'Y' = Component Level Service has been delivered 'N' = Component Level Service has not been delivered	
48	Sort Key	PIC 9(3)	576-578	9DR	This field is used to drive the display order for products in certain packages or a la carte items. The default value for this field is zeroes.	
49	Secondary Sort Key	PIC 9(2)	579-580	9DR	This field is used to drive the secondary invoice sort display for E2Ei products. The default value for this field is zeroes.	
50	Reserved	PIC X(14)	581-594	XDL	The default value for this field is spaces.	
51	Circuit Origination CLI	PIC X(8)	595-602	XDL	Originating End Office Code The default value for this field is spaces.	
52	Circuit Termination CLI	PIC X(8)	603-610	XDL	Terminating End Office Code The default value for this field is spaces.	



C T R	Record 71 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
53	Access Term	PIC 9(3)	611-613	9DR	Access term in months. The default value for this field is zeroes.	
54	Site Number	PIC X(8)	614-621	XDL	Unique identifier that identifies a site. One to many circuits may be associated to a site. The default value for this field is spaces.	
55	Originating ISO/Country Code	PIC X(3)	622-624	XDL	International Country Code associated with a circuit that originates internationally. The default value for this field is spaces.	
56	Terminating ISO/Country Code	PIC X(3)	625-627	XDL	International Country Code associated with a circuit that terminates internationally. The default value for this field is spaces.	
57	BAN Number	PIC X(10)	628-637	XDL	For charges sent from one system to another for billing, this represents the account id in the billing system that 'owns' the account, but does not bill the account. For example, F&E sends charges to NCBS to be billed. This field represents the F&E account number while the MAN and BAN in the CAP represent the NCBS account ids. The default value for this field is spaces.	
58	Line Speed	PIC 9(13)V99	638-652	9DR	Speed is calculated (confirmed). The default value for this field is zeroes. Exception: WIN (OSID = ML) sends Line Speed as Kbps times 1000 (14.4 Kbps is 14400).	
59	Activity Code	PIC X(1)	653-653	XDL	Code that classifies the charge by activity type . Only applicable to TF. Valid values: ' ' = default '1' = Change '2' = Install '3' = Cancel '4' = Disconnect '5' = Create '6' = Modify '7' = Dial-up '8' = Dedicated '9' = Dial-up Dedicated 'A' = Activate 'B' = Credit	

C T R	Record 71 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
					'C' = One-time 'D' = Expedite 'E' = Distributed Corporate Charges	
60	Include for Balancing Indicator	PIC 9(1)	654-654	9DR	A one byte field that indicates whether a particular charge needs to be included for balancing. Valid values: 0 = include for balancing 1 = Do not include for balancing	
61	Phrase Code	PIC X(8)	655-662	XDL	A unique code that is used to identify a particular type of charge. The code can be associated with the description. The default value for this field is spaces.	
62	Legend Code Number of Occurrences	PIC 9(1)	663-663	9DR	Number of times the following data fields are repeated for multiple occurrences of similar data. It contains the number of legend codes & amounts populated in this record. The default value is 00.	
	Legend Code Area		664-668		The following fields (denoted by @) are multiplied 0 to 5 times depending on the Legend Code Number of Occurrences field. Therefore, if record 71 is populated to capacity, positions xxx-xxx will display data for 5 legend Codes.	
63	@Legend Code	PIC X(1)	664-664	XDL	One byte legend code that is decoded via a 95/00 record. The default value for this field is spaces.	
64	Circuit Orig Location ID	PIC X(7)	669-675	XDL		
65	Circuit Term Location ID	PIC X(7)	676-682	XDL		
66	Multi Rate Indicator	PIC 9(1)	683-683	9DR		
67	Additional Charge Type Code Indicator	PIC X(1)	684-684	XDL	Indicator used to identify additional Charge Type Code information. The default value for this field is spaces. Valid values are: 'O' = Order-based credit/debit. 'B' = Bulk upload adjustment 'P' = Professional Services credit	
68	Jurisdiction Code	X(1)	685-685	XDR	A code that identifies the proper tariff jurisdictions (where applicable) of a charge or credit. The default value for this field is spaces. Valid values: '0' = Non-jurisdictional '1' = Interstate	

C T R	Record 71 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
					'2' = Intrastate '3' = Intrastate/IntraLATA '4' = Interstate/IntraLATA '5' = Local '6' = Intrastate/InterLATA '7' = Interstate/InterLATA  The domain values above should be kept in-sync with the equivalent field in these four records: 65/00, 70/00, 71/00 and Sub-Record 50 – 302.	
69	Reserved	PIC X(23)	686-708	XDL	The default value for this field is spaces.	
70	Enhanced Bill Verification Address Number of Occurrences	PIC 9(2)	709-710	9DR	This is the number of times the following data fields are repeated for multiple occurrences of similar data. The default value is 00. Valid values: 00 through 10	
	Enhanced Bill Verification Address Area		711-780		The following fields (denoted by @) are populated 0 to 10 times depending on the Bill Verification Address Number of Occurrences field.	
71	@Address Category Indicator	PIC X(1)	711-711	XDL	This is a code used to indicate the name and address category.  This field directly corresponds to the Category Indicator field that appears on the xx/10 record. It is to be used as a cross-reference to associate a 71/00 record with the address that appears on a 71/10 record.  This field must be populated with one of the values listed below.  There is no default of spaces for this field.  Valid values: '' = default '3' = Service Name & Address. Includes BANs, WTNs and Circuits. Circuit Endpoint ID must be used in conjunction with Circuit Address. 'E' = Circuit Originating Address 'F' = Circuit Termination Address 'G' = Circuit Component Originating Address 'H' = Circuit Component Terminating Address 'I' = Site Address	

C T R	Record 71 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
					'J' = Location Origination Address 'K' = Location Termination Address 'N' = Node Address	
72	@Address Sequence Code	PIC 9(6)	712-717	9DR	<p>A uniquely assigned code used to associate 10 Sub Records or 11 Sub Records to associated 71/00 records for one or more products.</p> <p>This code should be uniquely assigned per category per address.</p> <p>One or more 71/00 records may be associated to a 10 Sub Record or 11 Sub Record via the address sequence code.</p> <p>It may be populated on 10/10, 10/11, 71/10 or 71/11 records.</p> <p>The default value for this field is zeroes.</p> <p>Each unique combination of address category and address should be assigned a sequence code. The Category Indicator and Address Sequence Code on the 10/10, 10/11, 71/10 or 71/11 record must directly correspond to the Address Category Indicator and Address Sequence Code on any 71/00 record to which a particular address is associated.</p> <p>Each unique combination of Address Category and Address need only appear on a single 10/10, 10/11, 71/10 or 71/11 record, as the Address Category indicator and Address Sequence Code on the 71/00 records enables an association to one or multiple 71/00 records.</p> <p>By using the Address Category Indicator and Address Sequence number on the 71/00 to specify the association with the like fields on the 10/10, 10/11, 71/10 or 71/11 record, the relationship is implicit instead of implied by the order in which the records appear in the file.</p> <p>Note: Addresses should appear uniquely at the BAN level, i.e. one occurrence of each unique address per BAN.</p>	

**4.31 Wireless Recurring and Non-Recurring Charge Details Record Number 72**

This record is used to relay information about Wireless recurring and non-recurring charges, miscellaneous charges, equipment charges and service and equipment charges.

C T R	Record 72 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
	CAP		1-175		See 4.2 for CAP definition.	
1	Record Version	X(1)	176-176	XDL	Current version is 'B'.	
2	Record Use Indicator	9(1)	177-177	9DR	This field is used to identify the way in which the record is being used. Valid values: 1 = OC&C not associated to either Equipment or Service (account level) 2 = OC&C not associated to either Equipment or Service (mobile level) 3 = OC&C associated with Equipment 4 = OC&C associated with Services 5 = Governmental Surcharges and Fees 6 = Account Usage Charges 7 = Account Monthly Access Details 8 = Billed on Behalf of Charges and Credits 9 = Purchases	
3	Recurring/Non-Recurring Indicator	9(1)	178-178	9DR	This field identifies whether the record is a recurring or non-recurring charge. Valid values: 0 = Unable to identify charge as Recurring/Non-Recurring 1 = Recurring Charge 2 = Non-Recurring Charge	
4	OC&C Type	X(1)	179-179	XDL	Valid values: ' ' = Other (not of interest for reporting requirement – generally discounts) '1' = Price Plan Access '2' = Feature Access 'B' = Billed on Behalf of Charges 'O' = Other Charges and Credits 'P' = Purchases from Other Vendors 'Q' = Purchases from Verizon Wireless 'U' = Account Level Usage 'V' = Verizon Wireless Surcharges	

5	Include for Balancing Indicator	9(1)	180-180	9DR	This indicator identifies those details which should not be added when balancing back to the 25 record because they will have already been counted elsewhere. Valid values: 0 = Include for balancing 1 = Exclude from balancing (informational only)	
6	Suppress Detail Indicator	9(1)	181-181	9DR	This indicator is used to identify details that did not appear on the paper bill. Valid values: 0 = Display detail 1 = Suppress detail	
7	From Date	9(6)	182-187	9DR	Start date of charge. Format is YYMMDD Default value is zeroes.	
8	To Date	9(6)	188-193	9DR	End date of charge. Format is YYMMDD Default value is zeroes.	
9	Description 1	X(50)	194-243	XDL	Description to explain various charges/activities.	
10	Description 2	X(50)	244-293	XDL	Description to explain various charges/activities.	
11	Equipment Order Number	X(15)	294-308	XDL		
12	Charge/Credit	S9(9)V99	309-319	SDR	This field contains the amount of charge or credit on this record. Default value is zeroes.	

### 4.32 SAP Credit/Debit Detail Record Number 73

This record is used to convey Alchemy credit and invoice charge details.

C T R	Record 73 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
	CAP		1-175		See 4.2 for CAP definition.	
1	Revenue Code	9(8)	176-183	9DR	Alchemy invoice and credit note revenue code. Default value is zeroes.	
2	General Ledger Region Code	X(2)	184-185	XDL	Region code for Alchemy purposes (EMEA, AsiaPAC, etc.). Will be decoded on a 95/00 record. Default value is spaces.	
3	PG4 Code	9(3)	186-188	9DR	General Ledger product identifier. Will be decoded on a 95/00 record. Default value is zeroes.	
4	Channel Type Code	X(2)	189-190	XDL	Code to indicate channel type. Valid values: ' ' = Default '1' = Direct '2' = Indirect 'ZZ' = Unassigned	
5	Charge Period	9(6)	191-196	9DR	Period to which charges refer. Format is YYYYMM. Default value is zeroes.	
6	Charge Units	9(12)V9(4)	197-212	9DR	Number of units. Default value is zero.	
7	Charge Unit Code	X(4)	213-216	XDL	Code to convey the type of units. Will be decoded on a 95/00 record. Default value is spaces.	
8	Tax Code	X(6)	217-222	XDL	Unique Code including OPCO to convey the tax applied. Will be decoded on a 95/00 record. Default value is spaces.	
9	Tax Code Rate	9(1)V9(4)	223-227	9DR	Tax percent applied. Default value is zeroes.	
10	Tax Rate Used	9(1)V9(4)	228-232	9DR	On Credit Notes only, Taxrate used at time of billing. Default value is zeroes.	
11	Billed From Date	9(6)	233-238	9DR	Billed from date. Format is YYMMDD. Default value is zeroes.	
12	Billed To Date	9(6)	239-244	9DR	Billed to date. Format is YYMMDD. Default value is zeroes,	

C T R	Record 73 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
13	Original Invoice Year	9(4)	245-248	9DR	Original Invoice Year against which the credit is issued. Format is YYYY. Default value is zeroes.	
14	Original Invoice Date	9(4)	249-252	9DR	Original Invoice Date against which the credit is issued. Format is MMDD. Default value is zeroes.	
15	Original Billing Invoice Number	X(16)	253-268	XDL	Original Invoice Number against which the credit is issued, if available. Default value is spaces.	
16	Original SAP Invoice Number	X(10)	269-278	XDL	Original SAP Invoice Number against which the credit is issued, if available. Default value is spaces.	
17	Rebill Indicator	X(1)	279-279	XDL	Indicator to convey if the credit is against a previously billed charge. Valid values: ' ' = Default Y = Yes N = No	
18	Rebill Charge Period	9(6)	280-285	9DR	Rebill Period to which charges refer. Format is YYYYMM. Default value is zeroes.	
19	Rebill Currency Code	X(3)	286-288	XDL	Rebill currency code. Default value is spaces.	
20	Rebill Amount	S9(10)V99	289-300	SDR	Rebill Amount. Default value is zeroes.	
21	Bill Frequency	X(1)	301-301	XDL	Bill Frequency identifier. Valid values: ' ' = Default M = Monthly Q = Quarterly Y = Yearly	
22	Circuit Identifier	X(20)	302-321	XDL	Circuit Identifier. Default value is spaces.	
23	Service Instance Identifier	X(30)	322-351	XDL	Service Instance Identifier. Default value is spaces.	
24	A City	X(50)	352-401	XDL	Originating City. Default value is spaces.	
25	A Country	X(50)	402-451	XDL	Originating Country. Default value is spaces.	
26	B City	X(50)	452-501	XDL	Terminating City. Default value is spaces.	
27	B Country	X(50)	502-551	XDL	Terminating Country.	



C T R	Record 73 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
					Default value is spaces.	
28	Billed Item	X(50)	552-601	XDL	Billed item description. Default value is spaces.	
29	Units Billed	X(50)	602-651	XDL	Units Billed description. Default value is spaces.	
30	Units	9(10)	652-661	9DR	Units. Default value is zero.	
31	Back Billing Indicator	X(1)	662-662	XDL	Indicates if charges are back billed. Valid values: ' ' = Default Y = Yes N = No	
32	Billed Indicator	X(1)	663-663	XDL	Indicates if charges were billed. Valid values: ' ' = Default Y = Yes N = No	
33	Circuit Speed Description	X(15)	664-678	XDL	Free test description of circuit speed. Default value is spaces.	
34	First Billed Date	9(6)	679-684	9DR	First billed date of item. Valid Format is YYMMDD. Default value is zeroes.	
35	IP Usage	X(15)	685-699	XDL	IP Usage description. Default value is spaces.	
36	IP Volumes	X(15)	700-714	XDL	IP Volumes description. Default value is spaces.	
37	Monthly Recurring Information	X(50)	715-764	XDL	Monthly Recurring Information description. Default value is spaces.	
38	Non-Recurring Information	X(50)	765-814	XDL	Non-Recurring Information description. Default value is spaces.	
39	Number of Circuits	9(10)	815-824	9DR	Number of Circuits. Default value is zeroes.	
40	Number of Racks	9(10)	825-834	9DR	Number of Racks. Default value is zeroes.	
41	Port Size	X(15)	835-849	XDL	Port size description. Default value is spaces.	
42	Service Instance	X(50)	850-899	XDL	Service Instance Description.	

C T R	Record 73 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
	Description				Default value is spaces.	
44	Tax Amount - \$	S9(12)V99	900-913	SDR	Item tax amount. Default value is zeroes.	
45	Net Amount - \$	S9(12)V99	914-927	SDR	Item amount without taxes. Default value is zeroes.	
46	Gross Amount - \$	S9(12)V99	928-941	SDR	Total item amount including taxes. Default value is zeroes.	
47	Reserved	X(34)	942-975	XDL	Default value is spaces.	

### 4.33 Inter-exchange Carrier Invoice Record Number 75

- This record contains inter-exchange Carrier invoice billing summary data.
- This record contains the Exchange Message Interface (EMI) Invoice Ready Billing (IRB) record with the CAP attached.
- Order and Billing Forum (OBF) Standard Exchange Message Interface (EMI) record used by the inter-exchange Carriers and now other billing entities such as VADI and Directory Advertising, etc.
- Some of the records used are: 015121, 015122, 015123, 015127, 81XXXX, 82XXXX.

Text associated with invoice ready billing data should be handled using the enhanced '20' sub record processing. See the '20' sub record definition for complete definition.

ILEC IRB, VADI IRB & Wireless OneBill will be converted to non-IRB, standard VZ450 records.

Inter-exchange carrier IRB and affiliate IRB that pass fully formatted IRB via a B&C contract arrangement will not be converted.

C T R	Record 75 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
	CAP		1-175		See 4.2 for CAP definition.	
1	IC Account Number	X(10)	176-185	XDL	This is the inter-exchange Carrier customer account number. The default value for this field is spaces.	
2	Invoice Sequence Number	9(4)	186-189	9DR	A locally defined number used with IC Account Number to create a unique value to associate toll detail to the corresponding invoice records. The default value for this field is 0000	
3	Reserved	X(66)	190-255	XDL	The default value for this field is spaces.	
4	EMI Invoice Billing Summary	X(220)	256-475	XDL	This is the standard Exchange Message Interface (EMI) record used by the inter-exchange Carriers. Default values can be found as part of the Exchange Message Interface documentation owned and maintained by ATIS. Further information can be obtained at <a href="http://www.atis.org">http://www.atis.org</a> under OBF (Ordering and Billing Forum)	

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### 4.34 Complex Services Record Number 80

This record is used to carry the usage and charge information on a customer's account for complex services. It carries line level detail or account level summary information pertaining to the type of complex service, rates, and usage.

Pertains to special services such as CLASS I.Q. Services, Switched 56kbps Service, ISDN Intelligent Service, Public Data Network Service, Centrex Extend Service, Advanced Intelligent Network Service, Virtual Private Network (VPN), Call 54, or Voice Mail Service (VMS).

*Note:*

*For Class I.Q., Voice Mail:*

*Value 1-4 When multiple features exist, this record contains multiple occurrences (one per feature type). An overflow record will exist when the number of features exceeds maximum occurrences available in this record (5).*

*For ISDN, 56 kbps:*

*Value = 1*

*For PDN: When multiple features exist, each record details usage for one feature type. The number of occurrences varies by feature type:*

*Dial Access connection time charge (Feature Type 1P)*

*Value = 1*

*Kilopacket Transport Charge (Feature Type 2P)*

*Value = 1 - 3 (occurrences for day, eve, and night usage)*

*Kilopacket Surcharge for Protocol Conversion*

*Value = 1 (Feature Type 3P)*

*Transaction Service Charge (Feature Type 4P)*

*Value = 1*

**Helpful Hint:**

The presence of this record generally means that there are 60 call details marked with Indicator 28 = 1 (discounted call) and a Pricing Plan Code matching the one in the CAP of this record. Plans are identified by looking at the Pricing Plan Code that is populated in the CAP portion of this record. 80 records should not be passed without a pricing plan code.

Please note that not all Billing systems pass complex services itemized calls. However, if you receive this record you would look for all calls marked with indicator 28 = 1 and the Pricing Plan Code matching this particular summary record.

The Min/Max Charge Indicator should be set in cases where normal balancing rules cannot be applied. This field needs to be taken into account for balancing rule application.

80/00 Records may be created as follows.

Level Code	Inclusion Code	Full Amount - \$	Discount Amount - \$	Billed Amount - \$	Comments
1	20	\$0.00	\$0.00	\$0.00	Contains line level complex services data, no money reported. One record per line, per service type (if applicable).
1	15	F\$	\$0.00	B\$	Contains line level per activation type summary. One record per line per activation type. No account level summary is created. Applicable to pay-per-use/Intellismart only.
0	20	\$0.00	\$0.00	B\$	Contains complex services data e 'detail' – part of summary supporting account level total. One record per account per service type (if applicable).
2	00	F\$	D\$ (if applicable)	B\$	Billing Agency Code level summary. Money only is totaled at this level. May exist in addition to line level detail (1/20) and account level detail (0/20).
0	00 or 15	F\$	D\$ (if applicable)	B\$	Contains account level complex services data total dollar amounts. Usage is usually not summarized at this level. Contains any applicable discounts. Contains triggers to create subordinate 80/60 record. One per account per plan. One summary record must be created per pricing plan code per account.

CTR	Record 80 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
	CAP		1-175		See 4.2 for CAP definition.	
1	Service Type	9(2)	176-177	9DR	Type of summary provided. This field must be populated with one of the values listed below. There is no default of spaces for this field. Valid values: 00 = Summary of Multiple Service Types 05 = Public Data Network Service/Packet Switched Services	

C T R	Record 80 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
					10 = Integrated Services Digital Network (ISDN) Interface 15 = Custom Local Access Switch Services (CLASS) (Also known as I.Q. Services) 20 = Direct Customer Access (DCA) 25 = Gateway Services 30 = Announcement Service 31 = Switched 56 kbps/ISDN Primary 35 = Circuit 9 (Information Provider Service) 40 = Centrex Extend 45 = Verizon Electronic White Pages 46 = Voice Message Service VMS 49 = Tandem Switching 50 = Advanced Intelligent Network AIN 51 = Long Distance 800 Service 52 = Original Local Switching 53 = Terminating Local Switching 54 = Transport Facility 55 = Transport Termination 56 = Originating RIC 57 = Originating CCL 58 = Terminating RIC 59 = Terminating CCL 60 = Virtual Private Network (VPN) 61 = Easy Number Service 62 = Audiotext 65 = Call 54 70 = Virtual Private Network (VPN) 71 = Long Distance Usage Summary 72 = MEVS 73 = HIPC 74 = FiOS Voice 80 = Unbundled Port Usage – General Usage 81 = Unbundled Port Usage – Voice Usage 82 = Unbundled Port Usage – Data Usage 83 = Unbundled Port Usage – Query Dips 84 = Unbundled Port Usage - Feature Usage 85 = Operator Assisted Credit for Unbundled Port Usage	

C T R	Record 80 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
					90 = MarketMinder 91 = Bill Other (Gift Billing) 92 = Local Usage Detail 93 = Local Toll Free 94 = AdProof Service 95 = Access Now 96 = VOL Usage 97 = Electronic Directory Assistance	
2	Level Code	X(1)	178	XDL	Level of detail provided. The level of detail provided varies by service type. This field must be populated with one of the values listed below. There is no default of spaces for this field. Valid values: '0' = Account Data '1' = Line Data '2' = Billing Agency Code (BAC)	
	Line Tel Number		179-188	GRP	Line level telephone number for this record's item of usage. Populated on line level summaries.	
3	Line Tel Num NPA	X(3)	179-181	XDL	See Line Tel Number. The default value for this field is spaces.	
4	Line Tel Num Prefix	X(3)	182-184	XDL	See Line Tel Number. The default value for this field is spaces.	
5	Line Tel Num Line	X(4)	185-188	XDL	See Line Tel Number. The default value for this field is spaces.	
6	Inclusion Code	X(2)	189-190	XDL	This code indicates how the charges are reflected on the bill. This field must be populated with one of the values listed below. There is no default of spaces for this field. Valid values: '00' = Account Level Summary (Included in Charge Codes 0600, 0700, 0705, 0900, 1410) '15' = Account Level Summary (Included in Charge Code 0500, 1605) '20' = Included in summarized entry For summary-level reporting inclusion code will be '00' and/or '15'. For line level and detail level reporting inclusion code will be '20', included in summarized entry.	
7	Billed Amount - \$	S9(9)V99	191-201	SDR	Actual amount billed to the customer after application of appropriate discount. Contains billed amount for this service for the line or account. The default value for this field is \$0.00	

C T R	Record 80 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
8	From Date	9(6)	202-207	9DR	Contains the start date from which the usage is being billed. The default value for this field is 000000. Valid Format is YYMMDD.	
9	Thru Date	9(6)	208-213	9DR	Contains the end date to which the usage is being billed. The default value for this field is 000000. Valid Format is YYMMDD.	
10	Blended Charge Indicator	X(1)	214	XDL	Indicates whether one or multiple 80/00 records include multiple instances of charges for the same product/feature type. Used in the case of VSSI where a single surcharge product can have multiple rates for the same product. The default value for this field is spaces. Valid values: ' ' = default – no blended charge scenario 'B' = record contains blended rate charge scenario	10
11	Reserved	X(2)	215-216	XDL	The default value for this field is spaces.	
12	Full Amount - \$	S9(9)V99	217-227	SDR	This is the amount that would be billed to the customer before application of any appropriate discount. The default value for this field is \$0.00	
13	Discount Amount - \$	S9(9)V99	228-238	SDR	This is the amount of discount when calculated at the discount percent. The default value for this field is \$0.00	
14	Reserved	X(8)	239-246	XDL	The default value for this field is spaces.	
15	Complex Usage Area Number of Occurrences	9(2)	247-248	9DR	The following fields occur 0 to 4 times depending on the number in this field. The default value for this field is 00.	
	Complex Usage Area		249-464		The following fields (denoted by @) are multiplied 0 to 4 times depending on the Complex Usage Area Number of Occurrences field.	
16	@ Usage Type Indicator	X(2)	249-250	XDL	Indicates the type of usage units tallied in the initial/Additional usage fields. See 'Table of Values' at the end of this document for values for this field. This field must be populated with a value from the values list for each occurrence populated in the array (spaces not allowed).	
17	@Time Period	X(1)	251	XDL	Time period for which usage was billed. Populated for PDN. Assign unique value per time period. Values as previously defined may be used if desired. Use 95/00 record to accurately decode each time period uniquely. See table of values at end of document for list of standard values.	
18	@Feature Type	X(2)	252-253	XDL	Locally defined code that indicates the type of feature detailed in usage and rate fields. The default value for this field is spaces when a feature type is not applicable. Valid values: '1 ' = Repeat Dialing (CLASS, Pay Per Use, Intellismart, Call Answering) '2 ' = Call Trace	



C T R	Record 80 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
					'3 ' = *69 (Return Call) '4 ' = Three Way Calling '5 ' = Name and Number Delivery Service '6 ' = Messaging Service '7 ' = Automatic Recall '8 ' = Call Block '9 ' = Call Forwarding '10' = Call Wake Up '11' = Call Remind '12' = Call Paging '13' = Call Message '14' = Branded Calls '15' = Return Call '16' = Select Forward – Activation '17' = Select Call Forward '18' = Priority Call – Activation '19' = Priority Calling '20' = Call Block – Activation 'A1' = Search for Listing with Name (where Service Type =97) 'A2' = Search for Listing with Address (where Service Type =97) 'A3' = Search for Listing with Business Category (where Service Type =97) 'A4' = Search for Listing with Telephone Number (where Service Type =97) 'AE' = Event (service type =95- Access Now) 'AN' = Real Time ANI Delivered 'AR' = Reservationless (servicetype =95- Access Now) '1N' = Circuit Switched Data Calls Over Allowance (Service Type is 10- Integrated Services Digital Network) '2N' = Circuit Switched Data Calls (Service Type is 10 – Integrated Services Digital Network) '3N' = Switched 56 Service Charge '1C' = IntraLATA Toll Minutes of Use (Service Type is 40 – Centrex Extend) '2C' = Message-Rated Local Calls (Service Type is 40 – Centrex Extend) '3C' = Message-Rated Inter-location Intercom Calls (Service Type is 40- Centrex Extend) 'AV' = MailboxPaging Usage Calls (Service Type is 46- Voice Mail / Answer Call) '1V' = Total Paging Usage After Allowance (Service Type is 46- Voice Mail/	

C T R	Record 80 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
					Answer Call) '2V' = Reminder (Service Type is 46 – Voice Mail / Answer Call) '3V' = Special Delivery (Service Type is 46 - Voice Mail/ Answer Call) '4V' = Answer Call Business (Service Type is 46 - Voice Mail / Answer Call) '5V' = Voice Mail (Service Type is 46 - Voice Mail / Answer Call) '6V' = Fax Deposit Answer Call '7V' = Fax Deposit Voice Mail '8V' = Fax Messaging Plus '9V' = Fax Messaging '0V' = Answer Call Residence (Service Type is 46 - Voice Mail / Answer Call) 'IV' = Fax Out Dial (Service Type is 46 - Voice Mail / Answer Call) 'BV' = Fax Out Dial Plus (Service Type is 46 - Voice Mail / Answer Call) 'CV' = Voice Mail Pager Notification (Service Type is 46 - Voice Mail / Answer Call) 'DV' = Mailbox Messaging (Service Type is 46 – Voice Mail / Answer Call) 'EV' = Home Voice Mailbox Messaging (Service Type is 46 – Voice Mail / Answer Call) '1S' = Queries (Service Type is 61 – ENS) '2S' = Transport Routing (Service Type is 61 - ENS) '3S' = IntraLATA Toll (Service Type is 61 - ENS) '4S' = Pay Per Call Charges (Service Type is 61 - ENS) '5S' = Pay Per Call Adjustment Surcharge (Service Type is 61 - ENS) '6S' = Uncollectible Adjustments (Service Type is 61 - ENS) '1P' = On-Net/On-Net (Service Type is 70 - VPN) '2P' = On-Net/Off-Net (Service Type is 70 - VPN) '3P' = Off-Net/On-Net (Service Type is 70 - VPN) '4P' = Off-Net/Off-Net (Service Type is 70 - VPN) '5P' = Work At Home (Service Type is 70 - VPN) 'OM' = Originating Minutes (Service Type is 80, 81 or 82 – Unbundled Port Usage – Data Usage) 'TM' = Terminating Minutes (Service Type is 80, 81 or 82 – Unbundled Port Usage – Data Usage) 'FU' = Feature Usage (Service Type is 84 – Unbundled Port Usage – Feature Usage) 'F1' = Reserved for FiOS Voice Usage 'F2' = FiOS Voice On-Net Outbound 'F3' = Reserved for FiOS Voice Usage 'F4' = FiOS Voice Off-Net Outbound	

C T R	Record 80 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
					'F5' = FiOS Voice Collect Calls 'F6' = FiOS Voice Person to Person Calls 'F7' = FiOS Voice Third Party Calls 'F8' = FiOS Voice Directory Assistance 'F9' = Reserved for FiOS Voice Usage 'H1' = Place holder for HIPC usage 'H1' = On Net Inbound 'H2' = On Net Outbound 'H3' = Off Net Inbound 'H4' = Off Net outbound 'H5' = Collect Calls 'H6' = Person to Person Calls 'H7' = Third Party Calls 'H8' = Directory Assistance 'HA' = On Net 'HB' = Interstate/Interlata - HIPC 'HC' = Interstate/Intralata - HIPC 'HD' = Intrastate/Interlata - HIPC 'HE' = Intrastate/Intralata - HIPC 'HI' = Lata Usage 'HJ' = Long Distance Usage 'HK' = Toll Free 'HL' = International Usage 'HM' = National Directory Assistance 'HN' = National Rate Usage 'HO' = All - Off Net 'QD' = Toll Free Query Dips (Service Type is 83 - Unbundled Port Usage - Query Dips Usage) 'M1' = Long Distance (Service Type is 72 - MEVS) 'M2' = International Long Distance (Service Type is 72 - MEVS) 'M3' = Informational (Service Type is 72 - MEVS) 'M4' = National Toll Free (Service Type is 72 - MEVS) 'M5' = In-Plan Usage (Service Type is 72 - MEVS) 'MI' = Additional User ID Charge (MarketMinder) 'ML' = Per Line Charge (MarketMinder)	

C T R	Record 80 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
					<p>‘MM’ = Additional Message Charge (MarketMinder)  ‘EU’ = End User Revenue (Service Type is 62 – Audiotext)  ‘PR’ = Pay-Per-Call Revenue (Service Type is 62 – Audiotext)  ‘TB’ = Transport and Billing Charges (Service Type is 62 - Audiotext)  ‘BP’ = Billing Preparation Charges (Service Type is 62 – Audiotext)  ‘LU’ = Local Usage Detail Charge  SPACES (Service Type is 50 – AIN or 31 Switched 56Kbps/ISDN Primary, 94 Adproof Service).  ‘OC’ = Operator Applied Credit (Service Type is 85 – Operator Applied Credit)  ‘T1’ = Toll Free Basic – Local Call Units (Service Type is 93 – Local Toll Free)  ‘T2’ = Toll Free Basic – Toll Units (Service Type is 93 – Local Toll Free)  ‘T3’ = Toll Free Standard – Local Call Units (Service Type is 93 – Local Toll Free)  ‘T4’ = Toll Free Standard – Toll Units (Service Type is 93 – Local Toll Free)  ‘T5’ = Toll Free Dedicated – Local Call Units (Service Type is 93 – Local Toll Free)  ‘T6’ = Toll Free Dedicated – Toll Units (Service Type is 93 – Local Toll Free)  ‘U0’ = Direct Dial Usage Dedicated (Service Type = 71 - Long Distance Usage Summary)  ‘U1’ = Direct Dial Usage Switched (Service Type = 71 - Long Distance Usage Summary)  ‘U2’ = Directory Assistance (Service Type = 71 - Long Distance Usage Summary)  ‘U3’ = Toll Free Calling Card Usage (Service Type = 71 - Long Distance Usage Summary)  ‘U4’ = Toll Free Calling Card Surcharges (Service Type = 71 - Long Distance Usage Summary)  ‘U5’ = Toll Free Usage Dedicated (Service Type = 71 - Long Distance Usage Summary)  ‘U6’ = Toll Free Usage Switched (Service Type = 71 - Long Distance Usage Summary)  ‘U7’ = Toll Free Surcharges (Service Type = 71 - Long Distance Usage Summary)  ‘U8’ = Enhanced Toll Free Services (Service Type = 71 - Long Distance Usage Summary)  ‘U9’ = Primary Carrier Charges (Service Type = 71 - Long Distance Usage Summary)  ‘UA’ = Operator Services Usage (Service Type = 71 - Long Distance Usage Summary)  ‘UB’ = Operator Services Surcharges (Service Type = 71 - Long Distance Usage Summary)  ‘UE’ = Enhanced Toll Free Services Surcharges (Service Type = 71 - Long Distance Usage Summary)  ‘UF’ = Uncollectible Adjustments (Service Type is 62 – Audiotext)  ‘ST’ = State Tax (Service Type is 62 – Audiotext)</p>	

C T R	Record 80 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
					'BD' = Bill to other donor account 'BR' Bill to Other recipient account 'V1' = Monthly Usage Exceeding Threshold (service type=96- VOL Usage) 'V2' = Managed Messaging Mailbox Usage (service type =96- VOL Usage) 'V3' = 800 Internet Session Usage (service type =96- VOL Usage) 'VC' = Direct Dialed Dedicated On-net Usage (Service Type=71 - Long Distance Usage Summary)	
19	@Initial Usage	9(7)V999	254-263	9DR	Initial usage or basic allotment of usage for the measuring period: contains quantity. When accompanied by zeroes in the initial rate field, this value represents allowed usage (for Centrex Extend Service and Voice Mail Service). This field must be populated with a value other than zero for each occurrence populated in the array. NOTE: when module 072 is attached to record 80/00 for VSSI usage, the Initial Usage field which in the module is the field that should be used to obtain the minutes associated with the usage. Although this field will be populated on the record 80/00 it is not reliable when the module is also attached as the usage minutes contained in this field may be truncated. When the 072 module is attached to a record 80/00 the usage in this field should be ignored. Module 072 will be attached to all VSSI usage 80/00 records produced from NBBE.	
20	@Additional Usage	9(7)V999	264-273	9DR	Additional usage beyond the initial rate period. The default value for this field is zeroes. NOTE: when module 072 is attached to record 80/00 for VSSI usage, the Additional Usage field which in the module is the field that should be used to obtain the calls associated with the usage. Although this field will be populated on the record 80/00 it is not reliable when the module is also attached as the usage calls contained in this field may be truncated. When the 072 module is attached to a record 80/00 the usage in this field should be ignored. Module 072 will be attached to all VSSI usage 80/00 records produced from NBBE.	
21	@Rate Initial - \$	S9(3)v9(6)	274-282	SDR	Rate for initial usage; contains rate for service provided. This field is populated for most service types. A value of zero accompanied by non-zero values in the initial usage field Indicates a usage allowance. The default value for this field is \$0.00. MUST be populated if Initial Usage field is populated.	
22	@Rate Additional - \$	S9(3)V9(6)	283-291	SDR	Rate for additional usage. The default value for this field is \$0.00. MUST be populated if Additional Usage field is populated.	

C T R	Record 80 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
23	@Total Usage Amount - \$	S9(9)V99	292-302	SDR	This is the amount billed for the usage per feature type per service type, as applicable. The formula used to calculate this field is: (Initial Usage* Rate Initial) + (Additional Usage* Rate Additional) The default value for this field is zeroes. NOTE: when module 072 is attached to record 80/00 for VSSI usage, the Total Usage Amount - \$ field which in the module is the field that should be used to obtain the Total Usage charges. Although this field will be populated on the record 80/00 it is not reliable when the module is also attached as the usage charges contained in this field may be truncated. When the 072 module is attached to a record 80/00 the charges in this field should be ignored. Module 072 will be attached to all VSSI usage 80/00 records produced from NBBE.	
24	Additional Discount Type	X(2)	465-466	XDL	This field is used to provide additional detail when a discount has been applied. See 'Table of Values' at the end of this document for values for this field. The default value for this field is spaces.	
25	Additional Discount Amount - \$	S9(9)V99	467-477	SDR	This field provides the amount of discount applied when 'Additional Discount Type' (above) reflects a value. The default value for this field is spaces. <i>Note:-If 'Multiple Discounts Applied' (Additional Discount Type = 'M') then this field contains the <u>total</u> of additional discounts appearing on the 6060 record(s).</i>	
26	Rate Application Code	X(1)	478	XDL	This field denotes whether the rate initial and rate additional fields contain valid rates and should be validated/edited/balanced with associated usage amounts. The default value for this field is spaces. Valid values: ' ' = no rates apply 'I' = Rate Initial applies 'A' = Rate additional applies 'B' = Both rate initial and rate additional applies.	
27	Other Complex Services Charges - \$	S9(9)V99	479-489	SDR	This field represents other recurring charges associated with this service. It may be a flat rate or minimum amount.* This amount is included in billed amount - \$. * When this reflects a minimum amount the minimum charge indicator is set to 1. The default value for this field is zeroes.	
28	Min/Max Charge Indicator	X(1)	490	XDL	This field is used to indicate the billed amount - \$. Represents the application of a minimum or maximum charge for a service. Populated on summary level records only. Valid values: ' ' = Not applicable/default (SPACE) '1' = Minimum Charge Applied '2' = Maximum Charge Applied	

C T R	Record 80 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
29	Usage Allowance Amount - \$	S9(9)V99	491-501	SDR	This field is used to reflect the total amount when applicable, of usage allowance applied for a service. The default value for this field is zeroes.	

**4.35 Advanced Information Services Record Number 85**

- This record is used to reflect non-standard usage. It is similar in structure to the Calling Plan (3500) record.
- This record may be used for summarizations at billed account or line level, or used to report service detail such as date, time, to-number, etc.
- VZ8560 - Additional Usage Sensitive Detail & VZ8550 - Local Use records may be created
- Rate Changes may require multiple occurrences to be created

**Helpful Hint:**

The presence of this record generally means that there are 60 call details marked with Indicator 28 = 1 (discounted call) and a Pricing Plan Code matching the one in the CAP of this record. Plans are identified by looking at the Pricing Plan Code that is populated in the CAP portion of this record. 85 records should not be passed without a Pricing Plan Code.

85/00 records may be created as follows.

Inclusion Code	Level Code	Full Amount - \$	Discount Amount - \$	Billed Amount - \$	Comments
1	20	\$0.00	\$0.00	\$0.00	Contains line level advanced information services data, no money reported. One record per line, (if applicable). Not commonly used on the 85/00 record.
0	20	\$0.00	\$0.00	B\$	Contains account level advanced information services data 'detail' – part of summary supporting account level total. One or more records per account (if applicable) may be created depending on product/service.
0	15	F\$	D\$ (if applicable)	B\$	Contains account level advanced information services data total dollar amounts. Usage is usually not summarized at this level. Contains any applicable discounts. Contains triggers to create subordinate 85/60 record. One per account.

C T R	Record 85 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
	CAP		1-175		See 4.2 for CAP definition.	
1	Reserved	X(3)	176-178	XDL	The default value for this field is spaces.	
2	Level Code	X(1)	179	XDL	This represents the level of detail provided.	



C T R	Record 85 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
					This field must be populated with one of the values listed below. There is no default of spaces for this field. Valid values: '0' = Account Data (Summarization) '1' = Line Data (Summarization)	
3	Line Tel Number	X(10)	180-189	XDL	This is the line level telephone number for this record's item of usage. It may represent a billed number, or an informational field, such as the line for which a service was rendered. Used when reporting 'Line Information' (Level code = '1'). (When used this value will be the same as the CAP/Working Telephone Number.)	
4	To Tel Number	X(10)	190-199	XDL	Depending on the service, this is the number-called. The default value for this field is spaces.	
5	Inclusion Code	X(2)	200-201	XDL	This code indicates how the charges are reflected on the bill. This field must be populated with one of the values listed below. There is no default of spaces for this field. Valid values: '15' = Account Level Summary (Included in Charge Codes 0500, 1605) For summary-level reporting this will be '15'.	
6	From Date	9(6)	202-207	9DR	This is the start date of the effective period for this billed item. When used for call/service detail, use the appropriate date-of-service. The default value for this field is 000000. Valid Format is YYMMDD.	
7	Thru Date	9(6)	208-213	9DR	This is the end date of the effective period for this billed item. When used for call/service detail, this field is zero filled. The default value for this field is 000000. Valid Format is YYMMDD.	
8	Service Indicator	X(1)	214	XDL	This indicates the type of service that applies to this record. The default value for this field is spaces.	
9	Service USOC	X(5)	215-219	XDL	If applicable, this is the 3 or 5 character USOC for the service. Populated when available. The default value for this field is spaces.	
10	Rate Change Indicator	X(1)	220	XDL	This indicates a rate change has occurred during the billing period. Fractionalization may be applied. This field must be populated with one of the values listed below. There is no default of spaces for this field. Valid values: '0' = No rate change '1' = Rate change has occurred For New England - a rate change is indicated by 2 (two) records of similar type/level.	

C T R	Record 85 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
					From/Thru dates indicate the actual periods covered. The 'Rate Change Indicator' on both records is '0'. For New York - a single record is provided at showing combined charges. Rates displayed are the 'new' (current) rates. The 'Rate Change Indicator' is set to '1' indicating a change has occurred during the reporting period.	
11	Full Amount - \$	S9(9)V99	221-231	SDR	This is the amount that would be billed to the customer before application of any appropriate discount. The default value for this field is \$0.00.	
12	Discount Amount - \$	S9(9)V99	232-242	SDR	This is the amount of discount when calculated at the discount percent for usage increments. The default value for this field is \$0.00.	
13	Billed Amount - \$	S9(9)V99	243-253	SDR	This is the actual amount to be billed to the customer after application of any appropriate discount. The default value for this field is \$0.00.	
14	Other Advanced Information Services Charges - \$	S9(7)V99	254-262	SDR	This field represents other recurring charges associated with this service. It may be a 'flat rate' or minimum amount. This amount is <u>included</u> in Billed Amount - \$. The default value for this field is \$0.00. * When this reflects a minimum amount, the Minimum Charge Indicator is set to '1'.	
15	Service Type Indicator	X(1)	263	XDL	This is an indicator used to denote the type of service. The default value for this field is spaces.	
16	Time Period	X(1)	264	XDL	This is the time period for which the usage is being billed. Assign unique value per time period. Values as previously defined may be used if desired. Use 95/00 record to accurately decode each time period uniquely. See Table of Values at end of document for list of standard values. The default value for this field is spaces.	
17	Time Used Indicator	X(2)	265-266	XDL	This identifies the value of the Time Used field data. The default value for this field is spaces. See Table of Values at the end of this document for values for this field. NOTE: When Time Used Ind and Usage Type Indicator equal value of '31', the initial usage field will be zero filled for New York/New Jersey Corridor OCP only.	
18	Time Used	9(7)V999	267-276	9DR	This is the total time used. The default value for this field is zeroes.	
19	Usage Type Indicator	X(2)	277-278	XDL	This indicates the type of usage units tallied in the initial/additional usage fields. The default value for this field is spaces. See 'Table of Values' at the end of this document for values for this field.	
20	Initial Usage	9(7)V999	279-288	9DR	This is the initial usage or basic allotment of usage for the measuring period. It may be	

C T R	Record 85 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
					single message units, calls, hours, packets, occurrence, etc. The default value for this field is zeroes.	
21	Additional Usage	9(7)V999	289-298	9DR	This is the additional usage beyond the initial rate period. It may be overtime message units, overtime calls, second incremental usage, etc. being billed. The default value for this field is zeroes.	
22	Rate Initial - \$	S999V9999	299-305	SDR	This is the rate for the initial usage. The default value for this field is spaces.	
23	Rate Additional - \$	S999V9999	306-312	SDR	This is the rate for the additional usage, normally at a lower amount. The default value for this field is spaces.	
24	Discount Percent	V9(5)	313-317	9DR	This is the percent of discount applied to the initial usage.	
25	Band Indicator	X(1)	318	XDL	This indicates if this is a banded* usage record. Valid values: '0' = No banding (DEFAULT) '1' = Banded '2' = Regional Call Banding '3' = Area Call Banding '4' = Zoned/Peak '5' = Central Office '6' = Local/Toll or Regional * Note - 'banding' is a common term used to indicate grouping by area.	
26	Band	X(2)	319-320	XDL	This represents the area in which a call terminates as defined by local banding techniques. The default value for this field is spaces. See 'Table of Values' at the end of this document for values for this field.	
27	Area Code	9(3)	321-323	9DR	This is a defined geographical area identified by a unique numeric code. Boundaries are normally associated with a state. Area code is also referred to as numbering plan area (NPA). The default value for this field is zeroes.	
28	Additional Discount Type	X(2)	324-325	XDL	This field is used to provide additional detail when a discount(s) has been applied. This is typically used to report Large Volume or Home Region Discounts and an Additional Detail (8560) record may follow. See 'Table of Values' at the end of this document for values for this field. The default value for this field is spaces.	
29	Additional Discount Amount - \$	S9(9)V99	326-336	SDR	This field provides the amount of discount applied when 'Additional Discount Type' (above) reflects a value. The default value for this field is \$0.00. <u>Note</u> - If 'Multiple Discounts Applied' (Additional Discount Type = 'M') then this field	

C T R	Record 85 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
					contains the <u>total</u> of additional discounts appearing on the 8560 record.	
30	Reserved	X(1)	337	XDL	The default value for this field is spaces.	
31	Min/MaxCharge Indicator	X(1)	338	XDL	This field is used to indicate the billed amount - \$. Represents the application of a minimum or maximum charge for a service. Populated on summary level records only. Valid values: ' ' = Not applicable/default (blank) '1' = Minimum Charge Applied '2' = Maximum Charge Applied	
32	Additional Text	X(25)	339-363	XDL	This field is used for Service/Information provider name or program description text is associated. This will contain the Service Group Description for fMCI domestic accounts The default value for this field is spaces.	

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### **4.36 Reference Data Record Number 95**

- The Reference data record is used to communicate reference data needed to fully process the VZ450 and must be produced for all fields identified in the Type Data.
- The record can be populated at several levels.
  - At a file level to communicate reference information common to all accounts in the file. When appearing at the file level the records will appear after the file header.
  - At an account level, much like the Order and Billing Forum (OBF) BOS/BDT standard's glossary records. Account level records provide reference information specific to a given customer such as; circuit listings, USOC to IOSC mapping, charge code definitions, etc.
  - Account level 95/00 records should appear at the end of the account before the 99/00 record for an account.
  - Account level 95 records, if applied to the Master Account, should be presented at Level 1 before the 10 record of the first Sub Account.
  - The account level 95 records will be level 5 and have the BAN populated. So if the account is a stand-alone the account level 95 records will appear before the trailer record. On an Invoice Point associated to a MAN, the 95 records will appear before the 10 record of the next BAN or the trailer record of the accounts.
  - Account level 95 records must have the appropriate entity code populated in the CAP.
- This record provides users with a dynamic, timely way to update reference data and process their files without little or no code changes. Any reference data needed to process the file/account is supplied via this record.
- Minimum guidelines as to the type of data that should appear on the 95/00 record are as follows:
  - Charge codes
  - Tax Type Codes
  - USOC/ISOC/POE/ITEM ID Explanations
- Reference data should only be provided for field values that appear on a particular account. It should not contain a list of all possible field values if they are not actually referenced for a particular account.
- The 95/00 records should be sorted based on the following criteria.
  - Type Data
  - Source Record Number
  - Source Sub Record Number
  - Field Value

C T R	Record 95 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
	CAP		1-175		See 4.2 for CAP definition.	
1	Type Data	9(3)	176-178	9DR	<p>Identifies the purpose of the record data to follow This field must be populated with one of the values listed below. There is no default of spaces for this field.</p> <p>Valid values:</p> <ul style="list-style-type: none"> <li>001 = Charge Code reference data</li> <li>002 = Tax Type Code reference data</li> <li>003 = POE/Item ID reference data</li> <li>004 = TAR Code reference data (required only as applicable/relevant)</li> <li>005 = Data Item reference code data</li> <li>006 = Usage Service Class/Pricing Plan Code reference data</li> <li>007 = Entity Code reference data</li> <li>008 = Sub Carrier Identification Code reference data</li> <li>009 = USOC/IOSC reference data</li> <li>010 = Band reference data</li> <li>011 = Time Period reference data</li> <li>012 = Usage Type Indicator reference data</li> <li>013 = Transaction Code reference data</li> <li>014 = Additional Discount Type reference data</li> <li>015 = Customer ID Department Code reference data</li> <li>016 = Directory Assistance Category reference data</li> <li>017 = Directory Advertising Category reference data</li> <li>018 = Time Used Indicator reference data</li> <li>019 = Key Rate Indicator reference data</li> <li>020 = OC&amp;C Category reference data</li> <li>021 = Service Type reference data</li> <li>022 = Feature Type reference data</li> <li>023 = Category Indicator reference data</li> <li>024 = Tax Category Code</li> <li>025 = Product ID Code</li> <li>026 = OC&amp;C Phrase Code</li> <li>027 = Rate Period (from EMI)</li> <li>028 = Message Type (from EMI)</li> <li>029 = Classification Code (national bill)</li> <li>030 = Discounts and Promotions Description Code</li> <li>031 = Associated Bill Section Code</li> </ul>	

C T R	Record 95 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
					033 = Product Offering Family (POF) 034 = Switch/Trunk Description 035 = EMI Billing Number 036 = Account Code 037 = Usage Plan USOC/USS Rating Code 038 = Secondary Pricing Plan Code 040 = Jurisdiction Indicator 041 = Multi Rate Indicator 042=Variable Rate Indicator 043 = Summary Office ID Indicator 044 = Transport Rate Element Indicator 045 = Routing Indicator 046 = End Office Traffic Type Indicator 047 = Common Line Element 048 = Local Transport Element 049 = Premium/Non-Premium Indicator 050 = End Office Element 051 = Usage Quantity Type Indicator 052 = Actual/Assumed Usage Indicator 053 = Directionality Indicator 054 = Partial Period Ind 055 = End Office/Common Carrier Line Indicator 056 = Rate Period Ind 057 = Local Service Element 058 = Local Service Traffic Type Ind 059 = Directory Assistance Type Ind 060 = Operator Services Type Ind 061 = Operator Type Ind 062 = Feature Group 063 = Cellular Usage Indicator 064 = Miscellaneous Element 065 = Mileage Band Indicator 066 = Network Path Indicator 067 = Network Point Identification Indicator 068 = CABS Unit Type 069 = CABS Plan Type Indicator	

C T R	Record 95 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
					070 = Location Summary Charge Type Code 071 = Custom Invoice Charge Detail Breakdown 072 = Billing Center 073 = Call Type 074 = Legend Code 075 = Product Group 076 = ISO/Country Code 077 = Conference Name (acct level) 078 = Department Name 079 = Project Department Name 080 = Product Grouping 1 081 = Product Grouping 2 082 = Product Grouping 3 083 = Long State Name 084 = Product/Rate Plan Name 085 = Department Name 086 = Division Name 087 = Product Rate Plan Name 088 = Usage Sub Category 089 = Reserved for Bill@Once 090 = Service Type Code 091 = Report Summary Code 092 = MIDAS Charge Code 093 = WFS Charge Code 094 = CCID Higher Level VUG 095 = CCID Lower level VUG 096 = CCID Zone 097 = CCID National/International 098 = Group Code 099 = Product Line ID 100 = Product ID 101 = Jurisdiction ID 102 = Point Class ID 103 = Event Type ID 104 = Customer Type Name 105 = Group ID	



C T R	Record 95 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
					106 = Agent Name 107 = PG4 Description 108 = Billing System 109 = Financial Sub Segment 110 = Revenue Code 111 = General Ledger Region Code 112 = Charge Unit Code 113 = Tax Code 114 = Text Type Code 115 = Numbering Plan Area (NPA) 116 = Tax Literal 117 = Product Specification Code 118 = Freedom Essentials Bundle Discount LD Amount 119 = Verizon Freedom Essentials LD Amount Note: For CBSS there are valid scenarios for LD usage where ACCOUNT CODE (value 036) is populated on the 60/00 record, but no decode/description is available nor printed on the bill for the account code. As such, as 95/00 record decode is not required.	
2	Applicability Indicator	9(1)	179	9DR	Identifies whether or not the reference data applies to fields on more than one record type. This field must be populated with one of the values listed below. There is no default of spaces for this field. Valid values: '0' = Applicable to one record type '1' = applicable to multiple record types	
3	Source Record Number	9(2)	180-181	9DR	Identifies the primary record the referenced data refers to. The default value for this field is zeroes when data is at the file level. Valid values: 00 = Header 10 = Summary 15 = Summary Account Listing 16 = Related Invoice Listing 17 = Child Advice/Invoice Listing 20 = Payment & Adjustment Detail 25 = Current Charges Detail 26 = Hierarchical Data Group Listing 28 = Invoice Ready Bill Detail 29 = Summarized Service Charges (non-derivable)	

C T R	Record 95 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
					30 = Local Usage 35 = Calling Plan 36 = Rate Plan Usage Summary 37 = CABS Usage 38 = Equipment Service Summary 45 = Directory Assistance 50 = Directory Advertising 55 = Tiered Rating Structure 60 = Itemized Call Detail 61 = International Call Detail 62 = Enhanced Usage Detail 63 = Wireless Event Summary 65 = OC & C Miscellaneous Detail 67 = Discounts and Promotions 68 = Discounts and Promotions 69 = Contract Fulfillment Discount 70 = Bill Verification 71 = Enhanced Bill Verification 72 = Wireless Recurring and Non-Recurring Charge Details 73 = SAP Credit/Debit Detail 75 = Inter-Exchange Carrier Invoice Summary 80 = Complex Services 85 = Advanced Information Services (new) 94 = Total Billed Revenue Discounting Usage Summarization 95 = Reference Data 96 = Summarized Reporting Data 97 = International Invoice Reporting Summaries 98 = Used in combination with value 98/99 for the Source Sub Record Number when multiple record types are effected or the data is at the file level. 99 = Trailer	
4	Source Sub record Number	9(2)	182-183	9DR	Identifies the secondary record the reference data refers to. 00 = Not a sub record The default value for this field is zeroes when data is at the file level. 05 = Late Payment Charge Date Listing 10 = Name & Address 11 = International Address	

C T R	Record 95 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
					12 = Unfielded Address 15 = Summary Address Listing 20 = Text/FYI 21 = Extended Phrase Text 30 = Tax Detail 31 = Additional TaxDetail 32 = Additional TaxGranularity 33 = Tax Detail at Circuit Level 40 = Entity Contact Information 41 = International/Expanded Entity Contact Numbers 42 = Entity URL Information 50 = Jurisdiction/Product Detail 60 = Additional Discount Detail 98 = used to denote a module and not a sub record 99 = Used in combination with value 99 for the Source Record Number when multiple record types are effected or the data is at the file level.	
5	Source Type	9(3)	184-186	9DR	Further identifies the secondary record the reference data refers to. The default value for this field is zeroes. Values to be determined for future release.	
6	Field Name	X(50)	187-236	XDL	The field name whose values are being communicated. The default value for this field is spaces. Valid values: Charge Code Tax Type Code POE TARCode Pricing Plan Code Entity Code Sub Carrier Identification Code USOC Band Time Period Usage Type Indicator Transaction Code Additional Discount Type Customer ID Department Code	

C T R	Record 95 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
					Directory Assistance Category Directory Advertising Category Time Used Indicator Key Rate Indicator OC&C Category OC&C Phrase Code Service Type Feature Type Category Indicator Tax Category Code Product ID Code Rate Period Message Type Classification Code Discounts and Promotions Description Code Associated Bill Section Code Data Item Product Offering Family (POF) Switch/Trunk Description EMI Billing Number Account Code Usage Plan USOC/USS Rating Code Secondary Pricing Plan Code Jurisdiction Indicator Variable Rate Indicator Multi Rate Indicator Summary Office ID Indicator Transport Rate Element Indicator Routing Indicator End Office Traffic Type Indicator Common Line Element Local Transport Element Premium/Non-Premium Indicator End Office Element Usage Quantity Type Indicator Actual/Assumed Usage Indicator	

C T R	Record 95 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
					Directionality Indicator Partial Period Ind End Office/Common Carrier Line Indicator Rate Period Ind Local Service Element Local Service Traffic Type Ind Directory Assistance Type Ind Operator Services Type Ind Operator Type Ind Feature Group Cellular Usage Indicator Miscellaneous Element Mileage Band Indicator Network Path Indicator Network Point Identification Indicator CABS Unit Type CABS Plan Type Indicator Location Summary Charge Type Code Custom Invoice Charge Detail Breakdown Billing Center Call Type Product Grouping 1 Product Grouping 2 Product Grouping 3 Country Code Conference Name Department Name Project Department Name Product/Rate Plan Name Usage Sub Category Service Type Code Report Summary Code MIDAS Charge Code WFS Charge Code CCID Higher Level VUG CCID Lower level VUG	

C T R	Record 95 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
					CCID Zone CCID National/International Group Code Product Line ID Product ID Jurisdiction ID Point Class ID Event Type ID Customer Type Name Group ID Agent Name PG4 Description Billing System Financial Sub Segment Revenue Code General Ledger Region Code Charge Unit Code Tax Code Text Type Code Numbering Plan Area (NPA) Tax Literal Product Specification Code FreedomEssentials Bundle Discount LD Amount Verizon FreedomEssentials LD Amount	
7	Field Value	X(10)	237-246	XDL	Populated with the values for the field. When Type Data field = 008 this field must contain the Entity Code value + the Sub Carrier Identification Code value. Sub Carrier Identification Code alone does not uniquely identify a sub carrier. Sub Carrier Identification Codes may repeat per carrier. Sub Carrier Identification Code must be looked at in conjunction with Entity Code to ensure uniqueness. As a result both Entity Code and Sub Carrier Identification Code must be populated in this field when representing Sub Carrier Identification Code reference data.	
8	Field Value Description	X(100)	247-346	XDL	Populated with a brief description of the value. The default value for this field is spaces.	

**4.37 International Invoice Reporting Summaries Record Number 97**

This record will be produced by fMCII to represent the international invoice usage summaries. Invoices may have one to many custom summaries per invoice. This record enables us to define them in a flexible fashion.

C T R	Record 97 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
	CAP		1-175		See 4.2 for CAP definition.	
1	SystemID	X(3)	176-178	XDL	A three character identifier that denotes the applicable fMCII system to which the summary pertains to. The default value for this field is spaces.	
2	Sequence Code	X(2)	179-180	XDL	If sequence number = '00', it denotes a heading row. If sequence number = 'XX', it denotes a report title row. Please note that not all reports have a title row. The default value for this field is spaces.	
3	Line Number	9(6)	181-186	9DR	This contains the line item number on the physical page of the bill summary. The default value for this field is zeroes.	
4	Column 1	X(30)	187-216	XDL	This field contains the heading information for the first column of the summary when the Sequence Code is '00' and the actual column data when any other sequence code is present. The default value for this field is spaces.	
5	Column 2	X(30)	217-246	XDL	This field contains the heading information for the second column of the summary when the Sequence Code is '00' and the actual column data when any other sequence code is present. The default value for this field is spaces.	
6	Column 3	X(30)	247-276	XDL	This field contains the heading information for the third column of the summary when the Sequence Code is '00' and the actual column data when any other sequence code is present. The default value for this field is spaces.	
7	Column 4	X(30)	277-306	XDL	This field contains the heading information for the fourth column of the summary when the Sequence Code is '00' and the actual column data when any other sequence code is present. The default value for this field is spaces.	
8	Column 5	X(30)	307-336	XDL	This field contains the heading information for the fifth column of the summary when the Sequence Code is '00' and the actual column data when any other sequence code is present. The default value for this field is spaces.	

C T R	Record 97 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
9	Column 6	X(30)	337-366	XDL	This field contains the heading information for the sixth column of the summary when the Sequence Code is '00' and the actual column data when any other sequence code is present. The default value for this field is spaces.	
10	Column 7	X(30)	367-396	XDL	This field contains the heading information for the seventh column of the summary when the Sequence Code is '00' and the actual column data when any other sequence code is present. The default value for this field is spaces.	
11	Column 8	X(30)	397-426	XDL	This field contains the heading information for the eighth column of the summary when the Sequence Code is '00' and the actual column data when any other sequence code is present. The default value for this field is spaces.	
12	Column 9	X(30)	427-456	XDL	This field contains the heading information for the ninth column of the summary when the Sequence Code is '00' and the actual column data when any other sequence code is present. The default value for this field is spaces.	
13	Column 10	X(30)	457-486	XDL	This field contains the heading information for the tenth column of the summary when the Sequence Code is '00' and the actual column data when any other sequence code is present. The default value for this field is spaces.	
14	Column 11	X(30)	487-516	XDL	This field contains the heading information for the eleventh column of the summary when the Sequence Code is '00' and the actual column data when any other sequence code is present. The default value for this field is spaces.	
15	Column 12	X(30)	517-546	XDL	This field contains the heading information for the twelfth column of the summary when the Sequence Code is '00' and the actual column data when any other sequence code is present. The default value for this field is spaces.	



### 4.38 Trailer Record Number 99

- The Trailer Record(s) will always be the last record(s) on the file/account.
- The Trailer Record(s) will be used to verify that all records written to this file/account are received.
- Used to communicate total processing information (i.e. Total Billed Amount, Total Record Count, @Record Number, @Sub-record Number, etc)
- Used to communicate sub-total processing information (i.e. totals by @Record Number, @Sub-record Number, etc)
- Trailer records must be produced at both at the file level and the account level. The field population varies from file level to account level. General field population rules are as follows.

#### File Trailer

- File trailer records occur once and only once per file.
- The Total Bill Amount - \$ must be populated and represent the total bill amount of all accounts on the file.
- The Total Record Count must be populated and represents the total record count of all records on the file. Both the File Header and File Trailer should be included in this count

#### Account Trailer

- One or multiple account trailers should be created at the end of every complete summary bill master (or any other of parent child type account relationship) or stand alone account.
- Multiple account trailers may be created depending on the number of record type/sub record type combinations that need to be represented.
- Total Bill Amount - \$ is only populated on the last account trailer record for an account when multiple records are required.
- Total record count is only populated on the last account trailer record for an account when multiple records are required.

C T R	Record 99 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
	CAP		1-175		See 4.2 for CAP definition.	
1	Reserved	X(25)	176-200	XDL	The default value for this field is spaces.	
2	Total Bill Count	9(9)	201-209	9DR	Count of number of accounts/bills contained on the file, as determined by the number of account headers. The default value for this field is zeroes. This field is only populated on the file trailer record. If multiple Trailer records are required, this field is populated on the last Trailer record.	
3	Total Bill Amount - \$	S9(9)V99	210-220	SDR	Total of billed amounts due for all accounts on the file. On the File Trailer, this field must be populated with the actual bill amount of all the records in the file (there is no default of zeroes). On the Account Trailer the this field	

C T R	Record 99 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
					represents the account total for the entire summary bill master or stand alone account. When multiple account trailer records are populated for a single account, it is only populated on the last account trailer record for the account.	
4	Total Record Count	9(9)	221-229	9DR	Total number of records on this file including the file Header and Trailer. The file header and file trailer s should be included in the Total Record Count. On the File Trailer, this field must be populated with the actual record count (must be 2 or greater, there is no default of zeroes). On the Account Trailer this field represents the record count for the entire summary bill master or stand alone account. When multiple account trailer records are populated for a single account, it is only populated on the last account trailer record for the account.	
5	Reserved	X(6)	230-235	XDL	The default value for this field is spaces.	
6	Trailer Area Number of Occurrences	9(2)	236-237	9DR	Number of times the following fields are repeated for multiple occurrences of similar data. There will be one occurrence for each type of record (e.g. 6500) and Sub-record (e.g. 6520) found on the file. The default value for this field is 01. The following fields (@) are populated 1 to 15 times depending on the number in this field.	
	Trailer Area		238-417		The following fields (denoted by @) are multiplied 1 to 15 times depending on the Trailer Area Number of Occurrences field.	
7	@Record Number	9(2)	238-239	9DR	Identifies the record layout or type of record. On the Account Trailer and File Trailer, this field must be populated with one of the values listed below (there is no default of spaces). Valid values: 00 = Header 10 = Account Summary 15 = Summary Account Listing 16 = Related Invoice Listing 17 = Child Advice/Invoice Listing 20 = Payment & Adjustment 25 = Summary of Current Charges 29 = Summarized Service Charges (non-derivable) 30 = Local Usage 35 = Calling Plan Summary 36 = Rate Plan Usage Summary 37 = CABS Usage 38 = Equipment Service Summary	

C T R	Record 99 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
					45 = Directory Assistance Calls 50 = Directory Advertising 55 = Tiered Rating Structure 60 = Itemized Call Detail 61 = International Call Detail 62 = Enhanced Usage Detail 63 = Wireless Event Summary 65= O C & C/Miscellaneous Detail 67= Discounts and Promotions 68 = Discounts and Promotions 69 = Contract Fulfillment Discount 70 = Bill Verification 71 = Enhanced Bill Verification 72 = Wireless Recurring and Non-Recurring Charge Details 73 = SAP Credit/Debit Detail 75 = Invoice Ready Summary 80 = Complex Service 85 = Advanced Information Services 95 = Reference Data 97 = International Invoice Reporting Summaries 99 = Account Trailer	
8	@Sub-record Number	9(2)	240-241	9DR	Identifies a Sub-record associated with a major record type. On the Account Trailer, this field must be populated with one of the values listed below (there is no default of spaces). Valid values: 00 = Not a sub record 10 = Name and Address 11 = International Address 12 = Unfielded Address 20 = Text/FYI 21 = Extended Phrase Text 30 = Tax and Surcharge Detail 31 = Additional Tax Detail 33 = Tax Detail at Circuit Level 40 = Entity Contact Information 41 = International/Expanded Entity Contact Numbers	

C T R	Record 99 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
					42 = Entity Internet URL Information 50 = Jurisdiction/Product Detail 60 = Additional Discount Detail 99 = Trailer	
9	@Record Count	9(8)	242-249	9DR	Count of the particular record or sub-record. On the Account Trailer and File Trailer, this field must be populated with the actual record count must be 1 or greater (there is no default of zeroes).	
10	Total Current Charges - \$	S9(9)V99	418-428	SDR	Populate at file level and account level. Total of current charges for all accounts on the file. On the File Trailer, this field must be populated with the accumulated current charge amount of all the records in the file (there is no default of zeroes). On the Account Trailer this field represents the current charges for the entire summary bill master of stand alone account (the same as what appears on the 10/00 record). When multiple account trailer records are populated for a single account, it is only populated on the last account trailer record for the account.	

**4.39 Late Payment Charge Date Listing Sub record Number 05**

This record is created as in conjunction with the 10/00 record (10/05 record). This record is only passed on a National account; it would not be present on Summary Bill Master or BAN's. It is to be used to denote Bill Due Dates and Late Payment Charge (LPC) Application Dates by jurisdiction on bills where charges for multiple jurisdictions are presented as a composite amount. It is a regulatory requirement that these dates are displayed in conjunction with this type of national bill. More than one entry may appear per jurisdiction depending on the due dates of the subordinate accounts.

On larger accounts, there will be multiple occurrences of this record with the overflow indicator set in all but the last record.

C T R	Sub record 05 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
	CAP		1-175		See 4.2 for CAP definition.	
1	LPC Date Listing of Occurrences	9(2)	176-177	9DR	Number of times the following data fields are repeated for multiple occurrences of similar data. The default value for this field is 01.	
	LPC Date Listing Area		178-345		The following fields (denoted by @) are multiplied from 1 to 12 times depending on the LPC Date Listing Number of Occurrences field. Therefore, if record XX/05 is populated to capacity, positions 178-345 will display similar data for twelve LPC dates on the bill.	
2	@Jurisdiction Code	X(2)	178-179	XDL	Two digit code denoting state or jurisdiction. The default value for this field is spaces. Valid values: All valid 2 character state abbreviations 'PC' = Former Contel Pennsylvania 'PG' = Former GTE Pennsylvania 'PQ' = Former Quaker Pennsylvania 'VC' = Former Contel Virginia 'VG' = Former GTE Virginia	
3	@Due Date	9(6)	180-185	9DR	Date on which total bill amount is due per jurisdiction (pay by date). The default value for this field is zeroes. Format is YYMMDD.	
4	@Late Payment Charge Application Date	9(6)	186-191	9DR	Date on which Late Payment Charges will be applied on any unpaid balance per jurisdiction. The default value for this field is zeroes.	

C T R	Sub record 05 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
					Format is YYMMDD.	

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#### **4.40 Name and Address Sub record Number 10**

This sub record is used to communicate name and address information in several circumstances.

Category '1' occurs for each Summary (1000) record.

Category '2' occurs for the Listed Name & Address.

Category '3' occurs after the first Bill Verification (7000) record, and after each Bill Verification (7000) record that indicates a service address which differs from the first (SLA/DPA)

Category '4' occurs for each Summary (1000) record, and follows the Category '1' address above. The exception to this is for the CADE statement 450 records. Customers who do not choose to pay their bill at the CADE statement level will not have a Payment Name & Address record created.

Category '5' occurs once per file and follows the Header record '0/00'.

#### **Bill Verification Record (70/10) Address Requirements**

The Termination Code field on the sub record 10 was renamed to Circuit Endpoint ID. This field should be used to provide circuit sequence and to sequentially number each endpoint of a circuit. Multiple points of a circuit would be each be identified with a unique sequence number.

For account level service addresses and listed addresses, a dummy 70/00 record should be created at the BAN level. A 70/10 record should follow this dummy 70/00 record to capture the account level service and/or listed addresses.

A new field, Address Sequence Code, has been added to the 70/00 record and 70/10 records to specify a 'sequence' number to associate the products for a line or circuit to an address (cross-reference). The association of 70/10 records to 70/00 records will be strictly based on the Address Sequence Code in combination with the category indicator. All 70/00 records that pertain to a particular address should be marked with the same Address Sequence Code and Category Indicator as the associated 70/10 record.

Note: In some source billing systems, various address types such as Listed Address and Service Address may not have city and state populated and/or specifically fielded. It is not a requirement to do so where not applicable/practical.

C T R	Sub record 10 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
	CAP		1-175		See 4.2 for CAP definition.	
1	Category Indicator	X(1)	176	XDL	<p>This is a code used to indicate the name and address category. This field must be populated with one of the values listed below. There is no default of spaces for this field</p> <p>Valid values:</p> <ul style="list-style-type: none"> <li>'0' = Merged Bill Component Media Ship to Address</li> <li>'1' = Main Billing Name &amp; Address</li> <li>'2' = Listed Name &amp; Address</li> <li>'3' = Service Name &amp; Address – includes BANs, WTNs and Circuits. Circuit Endpoint ID must be used in conjunction with Circuit Address.</li> <li>'4' = Payment Name &amp; Address</li> <li>'5' = Media Ship-to Name &amp; Address</li> <li>'6' = Calling Card Name &amp; Address</li> <li>'7' = Different Premise Address</li> <li>'8' = Secondary Location Address</li> <li>'9' = Credit Card Address</li> <li>'A' = Ancillary Billing Address</li> <li>'B' = Equipment Ship-to Address</li> <li>'C' = Entity Correspondence Address When the correspondence address appears on the primary biller, the address appears as part of the Helpful Numbers section, when associated with an entity besides the primary biller this is the mailing address associated with the entity and generally appears within that entity's section of the bill. This currently applies to subcarrier mailing address, but may be expanded at any time in the future to include any entity that requires a mailing address be provided.</li> <li>'D' = Sold To Address</li> <li>'E' = Circuit Originating Address</li> <li>'F' = Circuit Termination Address</li> <li>'G' = Circuit Component Originating Address</li> <li>'H' = Circuit Component Terminating Address</li> <li>'I' = Site address (NCBS internal versus Arbor) Valid records include 10/10 and 71/10</li> <li>'J' = Location Origination Address</li> <li>'K' = Location Termination Address</li> <li>'L' = Location Group Address</li> <li>'N' = Node Address</li> <li>'S' = Service Point Address</li> <li>'X' = Instance ID Name and Address</li> </ul>	



C T R	Sub record 10 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
					<p>Category '0' may occur once for each Summary (1000) record. It is created as a 1010 record. It will only occur in cases where an account which is a component of a merged bill also gets a separate magnetic tape mailed to a separate address.</p> <p>Category '1' occurs once for each Summary (1000) record. It is created as a 1010 record. A category 1 record should be created for every account in a summary bill/parent/child arrangement.</p> <p>Category '2' occurs after the first Bill Verification (7000) record, and after each Bill Verification (7000) record that indicates a listing address which differs from the first one. It is created as a 7010 record.</p> <p>Category '3' occurs after the first Bill Verification (7000) record, and after each Bill Verification (7000) record that indicates a service address which differs from the first (SLA/DPA). It is created as a 7010 record.</p> <p>Category '3' may also appear after the OC&amp;C record (6500) record, and after each OC&amp;C/AC&amp;C/Misc. Detail on (6500) record that indicates a service address which differs from the first service address. It is created as a 6510 record.</p> <p>Category '4' occurs once for each Summary (1000) record, and follows the Category '1' address above. It is created as a 1010 record.</p> <p>Category '5' occurs once per account and follows the Header record '0/00' on the external customer file. It is created as a 0010 record. On the internal file, the 00/10 category 5 record occurs at the 00/00 master/stand alone account number level when media ship to information is required.</p> <p>Category '6' occurs once per calling card instance related to a bill verification (7000) calling card record. It is created as a 7010 record.</p> <p>Category '7' occurs once per instance of Different Premise Address related to a bill verification (7000). It is created as a 7010 record.</p> <p>Category '8' occurs once per instance of Secondary Location Address related to a bill verification (7000). It is created as a 7010 record.</p>	

C T R	Sub record 10 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
					<p>Category 'A' may occur one or more times for each Summary (1000) record. It is created as a 1010 record. A category A record may be created for every financially responsible account to which a bill can be mailed.</p> <p>Category 'B' occurs once for each Summary (1000) record for systems where CPE is maintained and a customer ship-to address is retained. It is created as a 1010 record.</p> <p>Category 'C' may occur once for each Summary (1000) record or Current Charge record (2500) for systems where it is mandated that Verizon or any other carrier provide customers with a written correspondence address.</p> <p>Category 'D' may occur once for each Summary (0000) record for systems where it is mandated that a customer sold to address is retained. It is created as a 1010 record.</p> <p>Category 'L' occurs once for each instance of Location Group Address related to a bill verification record containing a unique location group code. It is created as a 7010 record.</p> <p>Category 'N' occurs zero to many times for each Summary (1000) record. It is created as a 1010 record. A category N record should be created for every account in fMCI where node billing is applicable.</p> <p>Category 'S' occurs once for 70/00 record at the service point level. It is separate and distinct from a service or circuit address.</p>	
2	Name & Address 1	X(30)	177-206	XDL	<p>First line of Name and/or Address. The default value for this field is spaces.</p>	
3	Name & Address 2	X(30)	207-236	XDL	<p>Second line of Name and/or Address. The default value for this field is spaces.</p>	
4	Name & Address 3	X(30)	237-266	XDL	<p>Third line of Name and/or Address. The default value for this field is spaces.</p>	
5	Name & Address 4	X(30)	267-296	XDL	<p>Fourth line of Name and/or Address. The default value for this field is spaces.</p>	
6	City	X(28)	297-324	XDL	<p>City associated with Address. The default value for this field is spaces.</p>	
7	State	X(2)	325-326	XDL	<p>Two digit state abbreviation associated with Address.</p>	

C T R	Sub record 10 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
					This includes abbreviations for valid U.S. territories and Canadian provinces. “XX” for unknown state (dummy addresses) is valid as well. The default value for this field is spaces. ‘UF’ is used when the address line is unable to be broken up into fields (e.g. city and state). In certain instances the CABS BDT data that is converted into VZ450 contains an address in which City and State are unable to be discerned. In these instances the address would be considered ‘un fielded’.	
8	ZIP Code - Basic	X(5)	327-331	XDL	Standard 5 character ZIP code. The default value for this field is spaces.	
9	Zip Code - Plus 4	X(4)	332-335	XDL	Additional 4 characters associated with the basic ZIP code. The default value for this field is spaces.	
10	CSG	X(3)	336-338	XDL	Customer service group. This field identifies CRIS NY/NE CSG, NPD CENT, CBSS Sales Area, eTrak Tier or SSB SLS Codes. Will be populated when the name and address indicator (Category Indicator) = ‘1’ (Main Billing Name & Address). <ul style="list-style-type: none"> <li>• If this is a NY/NE account (OSID = ‘01’), then the content of this field is a CRIS NY/NE CSG.</li> <li>• If this is an NPD account (OSID = ‘13’), then the content of this field is a NPD CENT Code.</li> <li>• If this is a CBSS account (OSID = ‘03’), then the content of this field is a CBSS Sales Area Code.</li> <li>• If this is an MDV account (OSID = ‘04’), then the content of this field is an eTRAK Tier Code. The 2 byte Tier Code will be left justified.</li> <li>• If this is an SSB account (OSID = ‘07’), then the content of this field is a SLS Code.</li> </ul> The default value for this field is spaces.	
11	Special CSG	X(3)	339-341	XDL	This field identifies the SPECIAL customer service group that an account belongs to. The default value for this field is spaces.	
12	Circuit Endpoint ID	X(3)	342-344	XDL	This is the termination code assigned to a circuit location termination. A circuit location can have multiple terminations. The default value for this field is spaces.	
13	Address Sequence Code	9(6)	345-350	9DR	A uniquely assigned code used to associate 10 Sub Records to associated 70/00 records for one or more products.  This code should be uniquely assigned per category per address.	

C T R	Sub record 10 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
					<p>It is should only be populated on 70/10 records.</p> <p>The default value for this field is zeroes ..</p> <p>Each unique combination of address category and address should be assigned a sequence code. The Category Indicator and Address Sequence Code on the 70/10 record must directly correspond to the Address Category Indicator and Address Sequence Code on any 70/00 record to which a particular address is associated.</p> <p>Each unique combination of Address Category and Address need only appear on a single 70/10 record, as the Address Category indicator and Address Sequence Code on the 70/00 records enables an association to one or multiple 70/00 records.</p> <p>By using the Address Category Indicator and Address Sequence number on the 70/00 to specify the association with the like fields on the 70/10 record, the relationship is implicit instead of implied by the order in which the records appear in the file.</p> <p>Note: Addresses should appear uniquely at the BAN level, i.e. one occurrence of each unique address per BAN.</p>	
14	Carrier Route Number	X(5)	351-355	XDL	<p>Contains the postal carrier route number used for postal sorting.</p> <p>This field will be populated for category '1' and 'A' records only and when carrier route information is available and applicable. This field should NOT be populated for other categories " .</p> <p>The default value for this field is spaces.</p> <p>This field will currently only be populated by NBBE.</p> <p>Accounts with international postal addresses will contain 'INTLM' in this field.</p>	14

**4.41 Expanded Name and Address Sub record Number 11**

This sub record is used to communicate name and address information for International Customer Billing, Verizon Lock Boxes, or any address that exceeds the space available on the sub record 10. Note: many international addresses cannot be formatted to fit in the sub 10 address record.

This record will be subordinate to a 10, 25, 70, or 71 record.

C T R	Sub record 11 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
	CAP		1-175		See 4.2 for CAP definition.	
1	Address Category Indicator	X(1)	176	XDL	<p>This is a code used to indicate the address category. This field must be populated with one of the values listed below. There is no default of spaces for this field Valid values:</p> <ul style="list-style-type: none"> <li>'0' = Merged Bill Component Media Ship to Address</li> <li>'1' = Main Billing Name &amp; Address</li> <li>'3' = Service Name &amp; Address - includes BANs, WTNs and Circuits. Circuit Endpoint ID must be used in conjunction with Circuit Address.</li> <li>'4' = Payment Name &amp; Address</li> <li>'A' = Ancillary Billing Address</li> <li>'B' = International Billing Address</li> <li>'C' = Credit Card Address</li> <li>'E' = Circuit Originating Address</li> <li>'F' = Circuit Termination Address</li> <li>'G' = Circuit Component Originating Address</li> <li>'H' = Circuit Component Terminating Address</li> <li>'I' = Site address (NCBS internal versus Arbor) 10/10</li> <li>'J' = Location Origination Address</li> <li>'K' = Location Termination Address</li> <li>'L' = International Lock Box Address</li> <li>'M' = Customer (VAT Registered) Address</li> <li>'N' = Node Address</li> <li>'O' = OPCO (Operating Company) Address</li> <li>'P' = OPCO (Operating Company) Correspondence Address</li> <li>'Q' = Non-Local Currency Remit To Address</li> <li>'W' = Wire Information</li> <li>'X' = Instance ID Name and Address</li> <li>'Y' = Other Service Provider Address</li> </ul>	

C T R	Sub record 11 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
2	Account Name	X(60)	177-236	XDL	Populated with Billing account name. The default value for this field is spaces.	
3	Attention/Contact Name	X(25)	237-261	XDL	Populated with care of or attention contact for bill when applicable. The default value for this field is spaces.	
4	Address 1	X(60)	262-321	XDL	First line of Address. The default value for this field is spaces.	
5	Address 2	X(60)	322-381	XDL	Second line of Address. The default value for this field is spaces.	
6	Address 3	X(60)	382-441	XDL	Third line of Address. The default value for this field is spaces.	
7	Address 4	X(60)	442-501	XDL	Fourth line of Address. The default value for this field is spaces.	
8	County	X(40)	502-541	XDL	Populated with foreign or international county as applicable. The default value for this field is spaces.	
9	District	X(40)	542-581	XDL	Populated with foreign or international district as applicable. The default value for this field is spaces.	
10	Province	X(40)	582-621	XDL	Populated with foreign or international province as applicable. The default value for this field is spaces.	
11	City	X(40)	622-661	XDL	City associated with Address. The default value for this field is spaces.	
12	State	X(2)	662-663	XDL	Two digit state abbreviation associated with Address. This includes abbreviations for valid U.S. territories and Canadian provinces. “XX” for unknown state (dummy addresses) is valid as well. ‘UF’ is used when the address line is unable to be broken up into fields (e.g. city and state). In certain instances the CABS BDT data that is converted into VZ450 contains an address in which City and State are unable to be discerned. In these instances the address would be considered ‘un fielded’.  The default value for this field is spaces.	
13	Postal Code	X(15)	664-678	XDL	International Postal Code as applicable, The default value for this field is spaces.	
14	Country Name	X(60)	679-738	XDL	The default value for this field is spaces.	
15	Address Sequence Code	PIC 9(6)	739-744	9DR	A uniquely assigned code used to associate 10 Sub Records to associated 70/00 records for one or more products.  This code should be uniquely assigned per category per address.	15

C T R	Sub record 11 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
					<p>It is should only be populated on 70/10 records.</p> <p>The default value for this field is zeroes .</p> <p>Each unique combination of address category and address should be assigned a sequence code. The Category Indicator and Address Sequence Code on the 70/10 record must directly correspond to the Address Category Indicator and Address Sequence Code on any 70/00 record to which a particular address is associated.</p> <p>Each unique combination of Address Category and Address need only appear on a single 70/10 record, as the Address Category indicator and Address Sequence Code on the 70/00 records enables an association to one or multiple 70/00 records.</p> <p>By using the Address Category Indicator and Address Sequence number on the 70/00 to specify the association with the like fields on the 70/10 record, the relationship is implicit instead of implied by the order in which the records appear in the file.</p> <p>Note: Addresses should appear uniquely at the BAN level, i.e. one occurrence of each unique address per BAN.</p>	

### 4.42 Unfielded Address Sub Record Number 12

This sub record is used to communicate name and address information that is unfielded and known to billing systems only as lines of text.

This record will be subordinate to a 10 record.

C T R	Sub record 12 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
	CAP		1-175		See 4.2 for CAP definition.	
1	Address Category Indicator	X(1)	176-176	XDL	This is a code used to indicate the address category. This field must be populated with one of the values listed below. There is no default of spaces for this field Valid values: '1' = Main Billing Name & Address	
2	Account Name	X(100)	177-276	XDL	Populated with Billing account name. The default value for this field is spaces.	
3	Address 1	X(100)	277-376	XDL	First line of Address. The default value for this field is spaces.	
4	Address 2	X(100)	377-476	XDL	Second line of Address. The default value for this field is spaces.	
5	Address 3	X(100)	477-576	XDL	Third line of Address. The default value for this field is spaces.	
6	Address 4	X(100)	577-676	XDL	Fourth line of Address. The default value for this field is spaces.	
7	Address 5	X(100)	677-776	XDL	Fifth line of Address. The default value for this field is spaces.	
8	County	X(40)	777-816	XDL	Populated with foreign or international county as applicable. The default value for this field is spaces.	
9	District	X(40)	817-856	XDL	Populated with foreign or international district as applicable. The default value for this field is spaces.	
10	Province	X(40)	857-896	XDL	Populated with foreign or international province as applicable. The default value for this field is spaces.	
11	Postal Code	X(15)	897-911	XDL	International Postal Code as applicable, The default value for this field is spaces.	
12	Country Name	X(60)	912-971	XDL	The default value for this field is spaces.	



### 4.43 Summary Address Listing Sub Record Number 15

This record is created in conjunction with the 15/00 (15/15 record). The entries in the 15/15 record must match the occurrences populated on the 15/00 record. This record will be used to populate address information for each account and bill amount listed on the 15/00 record. The occurrences on the 15/15 record must be populated in the same order as the occurrences on the 15/00 record and also must be the same in total number for each account.

Additional account identifiers can also be denoted in this record in relation to display on the National Bill.

On larger accounts, there will be multiple occurrences of this record with the overflow indicator set in all but the last record.

C T R	Sub Record 15 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
	CAP		1-175		See 4.2 for CAP definition.	
1	Address Listing Number of Occurrences	9(2)	176-177	9DR	Number of times the following data fields are repeated for multiple occurrences of similar data. The default value for this field is 01.	
	Address Listing Area		178-717		The following fields (denoted by @) are multiplied from 1 to 12 times depending on the Address Listing Number of Occurrences field. Therefore, if record XX/15 is populated to capacity, positions 178-717 will display similar data for twelve addresses on the bill.	
2	@City	X(28)	178-205	XDL	City associated with Address. For NBBE National Bills (Originating SystemID = '23', this field may also contain the invoice number for Access and Non regulated charges (classification code = '2', '3', '5', or '6'). The default value for this field is spaces.	
3	@State	X(2)	206-207	XDL	Two digit state abbreviation associated with Address. The default value for this field is spaces.	
4	@Account Identifier	X(13)	208-220	XDL	Contains the BTN or additional source system account identifier for National Bill, when additional data is required to be communicated besides what is in MNA, BAN and ABAN fields. For example, Since CBSS uses CANs, the CAN is populated in the ABAN field on the national bill account and the CBSS BTN is populated here. The default value for this field is spaces.	
5	@Originating SystemID	X(2)	221-222	XDL	Contains code for various billing systems creating the VZ450.	

C T R	Sub Record 15 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
					Valid values: '01' = CFPD '03' = CBSS '04' = expressTRAK '05' = CABS '06' = BOBCO (SystemDecommissioned) '07' = SSB '09' = CADE '10' = Dispatch 1 '11' = NBBE National Summary Bill '12' = CRE '13' = NPD '14' = MDVW Legacy (SystemDecommissioned) '15' = fBA South CABS (SystemDecommissioned) '16' = fGTE CABS '17' = Arbor ASG '18' = Arbor VOL (SystemDecommissioned) '19' = NBBE iBILL Details (SystemDecommissioned) '20' = NBBE iBILL Summary (SystemDecommissioned) '21' = iBill '22' = NBBE Enterprise Advanced '23' = NBBE National Bill '24' = VAC '25' = Global Billing Report '40' = NBBE NICB (SystemDecommissioned) '42' = Vz450 Gateway (iBAS) '43' = ESG Portal OC&C '44' = ESG Claims OC&C '45' = eRate OC&C '46' = Reserved for VAC '47' = Reserved for VAC '48' = Reserved for VAC '49' = Reserved for VAC '50' = Reserved for VAC '51' = Reserved for VAC '52' = Reserved for VAC	

C T R	Sub Record 15 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
					'53' = Reserved for VAC '54' = Reserved for VAC '55' = Reserved for VAC '56' = Reserved for VAC '57' = Reserved for VAC '58' = Reserved for VAC '59' = Reserved for VAC '60' = Reserved for VAC 'FR' = Frontier State of West Virginia Contract Accounts 'GA' = ICSB -Austria (System Decommissioned) 'GB' = ICSB – Ireland (System Decommissioned) 'GC' = Alchemy Credit Note 'GD' = Alchemy Invoice 'GE' = Solomon Cybertrust/TruSecure Australia (System Decommissioned) 'GF' = Solomon Cybertrust/Ubizen/Global Sign (System Decommissioned) 'GG' = Solomon Betrustrusted France (System Decommissioned) 'GH' = Solomon Cybertrust Belgium BVBA (System Decommissioned) 'GI' = Solomon Betrustrusted UK (System Decommissioned) 'GJ' = Solomon Cybertrust Germany (System Decommissioned) 'GK' = Solomon Betrustrusted Ireland (System Decommissioned) 'GL' = Solomon Betrustrusted Italy (System Decommissioned) 'GM' = Solomon Cybertrust Belgium NV (System Decommissioned) 'GN' = Solomon Ubizen France (System Decommissioned) 'GO' = Solomon Cybertrust Great Britain (System Decommissioned) 'GP' = Solomon Cybertrust Italy (System Decommissioned) 'GQ' = Solomon Verizon Business Sec Lux (System Decommissioned) 'GR' = Solomon Cybertrust Netherlands (System Decommissioned) 'GS' = Solomon Cybertrust Hong Kong (System Decommissioned) 'GT' = Solomon Cybertrust Singapore (System Decommissioned) 'GU' = Solomon Cybertrust Taiwan (System Decommissioned) 'GV' = GCS Digex (System Decommissioned) 'M0' = Digex/ABE (System Decommissioned) 'M1' = IBRS 'M2' = Vision 'M3' = IXPLUS 'M4' = MWAN (System Decommissioned)	

C T R	Sub Record 15 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
					'M5' = PLBS (System Decommissioned) 'M6' = Mega Hyperstream (System Decommissioned) 'M7' = Mega Audio Conference 'M8' = F&E (System Decommissioned) 'M9' = Toll Free Billing (System Decommissioned) 'MA' = GCS 'MB' = LBS (System Decommissioned) 'MC' = IDB (System Decommissioned) 'MD' = Hemicard (System Decommissioned) 'ME' = IVOIP 'MF' = WITS (System Decommissioned) 'MG' = Messaging (System Decommissioned) 'MH' = Singleview 'MI' = Millennium 'MJ' = Mega HSCS 'MK' = Mega Preferred 'ML' = WIN 'MM' = Arbor Europe (System Decommissioned) 'MN' = ICSB – France (System Decommissioned) 'MO' = AsiaPac (System Decommissioned) 'MP' = Latin Am (System Decommissioned) 'MQ' = Exchange Card (System Decommissioned) 'MR' = MIDAS 'MS' = UK CSB (System Decommissioned) 'MT' = ICSB – Germany (System Decommissioned) 'MU' = Primebiller 'MV' = Intrasoft (System Decommissioned) 'MW' = Portal Canada (System Decommissioned) 'MX' = ICSB - Netherlands (System Decommissioned) 'MY' = ICSB – Switzerland (System Decommissioned) 'MZ' = ICSB – Italy (System Decommissioned) 'PO' = Vz450 Gateway on Behalf of Next Gen/E2Ei 'T1' = Terremark 'T2' = Reserved for ECP 'VB' = Verizon Bundle Engine 'VW' = Verizon Wireless	

#### 4.44 Text/FYI Sub Record Number 20

This record is used to accompany fielded records when the exact text line is also requested. This record can also be used to send text information only, such as text lines from “For Your Information” bill pages.

The “Text Line Number” represents the text line being processed while the “Total Number Text Lines” represents the total number of text lines to be processed. Since a text record can contain two text lines the processing logic for the “Text Line Number” field is as follows:

1 line of text

Text Line Number	Total Number Text Lines	Text - 1	Text – 2
1	1	Sample text	

2 lines of text

Text Line Number	Total Number Text Lines	Text - 1	Text – 2
2	2	Sample text	Sample Text

5 lines of text

Text Line Number	Total Number Text Lines	Text - 1	Text – 2
2	5	Sample Text	Sample Text
4	5	Sample Text	Sample Text
5	5	Sample Text	

Text processing has been enhanced with this release to eliminate some of the data redundancies inherent in prior releases.<sup>2</sup> The ‘20’ text sub record can now be used to pass static text once per file. The text will be tagged with a text code that can then be referenced by the ‘Multi-line Text Code’

<sup>2</sup> The problem is that static text such as Bill Messages and FYIs are being formatted at the individual account level today causing significant increases in transmitted file sizes as well as growing our various data repositories.

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Module<sup>3</sup> at a detail record level. Three new fields were added to the '20' sub record for this enhancement: Text Code, Text Start Date and Text Stop Date.

When the enhanced features of the '20' sub record are utilized the mappings will be as follows:

- CAP:
  - Record Level = 0
  - Record Number = 00
  - Sub-record Number = 20
  - Sequence Number = 1 through Nth with restart occurring at appearance of first account level '00' record.
  - Master Account Number = zeroes
  - Billed Account Number = zeroes
  - Working Telephone Number = Spaces
  - Basic Service Code = space
  - Adjustment Line Code = space
  - Module Indicator = space
  - Text Indicator = space
  - Overflow Indicator = space
  - Regulatory Bucket Display Code = space
  - Sub Carrier Identification = spaces
  - Bill Page Number = zeroes
  - Item Number = zeroes
  - Associated Billing Account Number = spaces
  - Associated Charge Code = spaces
  - Global Item Reference Number = zeroes
  - Customer ID = initialized
  - Invoice Billing Indicator = space
  - State Code = 'XX' when text is applicable to multiple states and specific state values as appropriate<sup>4</sup>
  - Entity Code = populated with valid entity code for text owner, i.e. '00698' if Verizon text
  - Bill Date = zeroes
  - Classification Code = space

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<sup>3</sup> See Appendix 'A' for definition of Multi-line Text Code Module

<sup>4</sup> See CAP State Code definition for complete population rules

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Pricing Plan Code = spaces  
Revenue Identifier Code = space  
Revenue Identifier = spaces  
Paper Bill Indicator = populated as defined in the CAP 'Paper Bill Indicator' field  
Associated Bill Section Code = spaces

- '20' sub record  
Text Line Number = populated as defined in the '20' sub record  
Total Number Text Lines = populated as defined in the '20' sub record  
Text – 1 = populated as defined in the '20' sub record  
Text – 2 = populated as defined in the '20' sub record  
Text Code = assigned by formatting application to uniquely identify code within their billing system  
Text Start Date = populated with the date that the text can start being used. Needed by downstream processes such as remake.  
Text Stop Date = populated with date that the text can no longer be used after. Needed by downstream processes such as remake.  
Text Location Code = populated as defined in the '20' sub record  
Text type = populated as defined in the '20' sub record
- The enhanced process can also be used for the uniform processing of invoice ready billing text. The file level records would be populated as described above with the following exceptions:  
Invoice Billing Indicator = 'T', 'L' or 'A' as described in CAP definition for Invoice Billing Indicator  
Text Line Number = zeroes (applicable information is located within the '4351XX' records)  
Total Number Text Lines = zeroes (applicable information is located within the '4351XX' records)  
Text – 1 = populated with first 110 bytes of EMI '4351XX' records  
Text – 2 = populated with second 110 bytes of EMI '4351XX' records  
Text Code = spaces (applicable information is located within the '4351XX' records)  
Text Start Date = zeroes (applicable information is located within the '4351XX' records)  
Text Stop Date = zeroes (applicable information is located within the '4351XX' records)

**Standard approach for population of IRB originating system account number.**

A 25/20 record will be created to hold the IRB originating system account id in scenarios where IRB data is created by one source biller and sent to another (e.g. IRB data created by NBBE sent to other source billing systems). This is required for synchronization with Portal ordering flows as well as various discounting scenarios.

The 25/20 which contains the IRB originating system account ID will be populated as follows.  
 TEXT LOCATION CODE will be set to default of spaces (note: this will be a new value)  
 TEXT-1 on the 25/20 record will always contain the IRB account number itself.  
 TEXT-2 will contain the Originating System ID (when applicable) then a space, then the Channel Code (when applicable)  
 TEXT CODE will contain the literal 'PREBLINV'.  
 TEXT LOCATION CODE will be set to default of spaces (note: this will be a new value)  
 TEXT TYPE will be defaulted to spaces.

In addition, the Special Process Code field in the CAP of the 25/20 will contain an 'I' to denote records that contain the IRB account number. For pre-bill IRB related the special process code will be set on all pre-bill records.

**Standard approach for population of Customer Account Number for FiOS Video Charges .**

FiOS Video charges are included on source billing accounts via a modified type of invoice ready billing feed.  
 All FiOS video accounts are assigned a Customer Account Number (CAN) in addition to the native system account number. This CAN is printed on the bill and must be referenced by the customer when questioning FiOS charges (the system lookup for FiOS charges is only based on CAN, not on the native system account number, except for CBSS where the CAN for FiOS charges will be the same as the CAN for the CBSS account).

The CAN should be fielded as follows for all source billers.

A 65/20 or 70/20 record will be created to hold the Customer Account Number (CAN) associated with FiOS. It will follow a summary record 65/00 or 70/00 and flow at the beginning of the Non recurring charges or recurring records. An account may have NRCs, MRCs or both.

The 65/20 or 70/20 which contains the CAN will be populated as follows.

TEXT-1 will contain the literal 'The Customer Account Number is:'

TEXT-2 will always contain the Customer Account Number (CAN) account number itself.

TEXT CODE will contain the literal 'CAN'.

TEXT LOCATION CODE will be set to 'J' beginning of section as the CAN prints at the beginning of the FiOS section.

TEXT TYPE will be defaulted to spaces.

C T R	Sub Record 20 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
	CAP		1-175		See 4.2 for CAP definition.	
1	Text Line Number	9(3)	176-178	9DR	This field uniquely identifies each line of text for a given phrase or page.	



C T R	Sub Record 20 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
2	Total Number Text Lines	9(3)	179-181	9DR	This field is the total number of lines for a given phrase or page.	
3	Text - 1	X(110)	182-291	XDL	This is a complete line of detail text or FYI page text. The default value for this field is spaces.	
4	Text - 2	X(110)	292-401	XDL	This is a complete line of detail text or FYI page text. The default value for this field is spaces.	
5	Text Code	X(08)	402-409	XDL	Code used to identify the text within a specific billing system. 'SRCHGFTN' = Per-Call Surcharge Footnote 'WTNCRCT' = Product Circuit ID Reported with WTN	
6	Text Start Date	X(08)	410-417	XDL	Date from which text can be used. This date will be used. If Text Start Date is not available this field should be initialized. Format is CCYYMMDD.	
7	Text Stop Date	X(08)	418-425	XDL	Date after which text should not be used. If Text Stop Date is not available this field should be initialized. Format is CCYYMMDD.	
8	Bill Display Code	X(1)	426	XDL	This field will be set by NBBE to denote whether or not an item represented on the sub 20 record is to be displayed on the paper bill or not. The default value for this field is spaces. Valid values: ' ' = item is not displayed on the paper bill 'D' = Item is displayed on paper bill	
9	Text Type Code	X(3)	427-429	XDL	This field identifies the type of text entered in the Text fields on this record. The default value for this field is spaces. Valid values are listed below. All other values populated in this field must be decoded using an associated 95/00 record: '001' = Solution ID '002' = Case Number Description '003' = Alchemy Transaction Description '004' = Alchemy Rebill Description '005' = Service ID '007' = Most Often Called (MOC) Feature '008' = Invoice Header '009' = Invoice Footer '010' = Invoice Project Description '011' = CLIN Description '012' = Single view Charge Code Description	

C T R	Sub Record 20 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
					'013' = Product Classification Description '014' = Promotion Start Message '015' = Promotion End Message '016' = Fulfillment Message '017' = Pre-Fulfillment Bundle Message '018' = Federal Universal Service Fund (FUSF) Disclaimer Message 'A11' = FiOS Digital Voice Carry-Over Message 'ALB' = Account Level Bundle 'ALP' = Account Level Processing 'BOB' = Billed on Behalf of 'FNT' = Footnote 'MA1' = M2M Streamline Activity Lines 'MA2' = M2M Streamline Activity Overage 'MA3' = M2M Streamline Activity Prorate Not Included 'MA4' = M2M Streamline Activity Prorate Included 'MC1' = M2M Streamline Current Data Adjust 'MC2' = M2M Streamline Current Data Charges 'MDU' = M2M Streamline Delayed Voice 'MP0' = M2M Streamline Purchases from Others 'MP1' = M2M Streamline Purchases from Others State Sales Tax 'MP2' = M2M Streamline Purchases Others Taxes 'MTP' = M2M Streamline Third-Party 'OPF' = Overview of Plan Footnote 'OSF' = Overview of Shared Usage Footnote 'PPI' = Purchases Product Additional Information 'PO1' = Purchases Other Vendors – Static Footnote 'SLA' = SLA Credit Detail Report 'TPC' = Third Party Charges Footnote	
10	Text-1 Font Indicator	X(1)	430-430	XDL	This field identifies unique formatting for the Text-1 field above. The default value for this field is spaces. Valid values: ' ' = Standard Font 'B' = Bold 'I' = Italic 'W' = Bold and Italic	
11	Text-1 Continuation	X(1)	431-431	XDL	This field identifies invoice line continuation rules for Sub Record 20 Text fields.	

C T R	Sub Record 20 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
	Indicator				The default value for this field is spaces. Valid values: ' ' = Standard line continuation rules apply 'N' = No text wrap. Subsequent Sub Record 20 Text field should display on a new invoice line. 'W' = Text wrap. Subsequent Sub Record 20 Text field should be appended to text in this field to display on the same invoice line.	
12	Text-2 Font Indicator	X(1)	432-432	XDL	This field identifies unique formatting for the Text-2 field above. The default value for this field is spaces. Valid values: ' ' = Standard Font 'B' = Bold 'I' = Italic 'W' = Bold and Italic	
13	Text-2 Continuation Indicator	X(1)	433-433	XDL	This field identifies invoice line continuation rules for Sub Record 20 Text fields. The default value for this field is spaces. Valid values: ' ' = Standard line continuation rules apply 'N' = No text wrap. Subsequent Sub Record 20 Text field should display on a new invoice line. 'W' = Text wrap. Subsequent Sub Record 20 Text field should be appended to text in this field to display on the same invoice line.	
14	Print Control Number	X(10)	434-443	XDL	Print Control Number for messages. Valid value is spaces.	
15	CPNI Print Indicator	X(1)	444-444	XDL	To be used for audit purposes related to CPNI. If the Print Control Number is CPNI related, this field must be populated with a 'Y'. The default value for this field is spaces. Valid values: ' ' = Print Control Number is not CPNI related. 'Y' = Print Control Number is CPNI related.	
16	LanguageCode	X(3)	445-447	XDL	A three character value that defines the language in which a bill is presented to a customer. The default value for this field is spaces. For a list of valid values, refer to the field 'Language Code' in the International Invoice Account Information Module 027	
17	Reserved	X(1)	448-448	XDL	The default value for this field is spaces.	

C T R	Sub Record 20 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
18	Priority Number	X(2)	449-450	XDL	This field identifies the priority of invoice messaging for correct sequencing on the paper invoice. The default value for this field is spaces.	
19	Text Location Code	X(1)	451	XDL	Contains the physical location of the text within the bill section. Valid values: '8' = Continuation of Product Description '9' = Non-Displayable Messages 'A' = Face Page Bulletin 'B' = Face Page White Space Bulletin 'C' = Back Face Page 'D' = Left Margin 'E' = Right Margin 'F' = Beginning of Bill 'G' = Beginning of Entity 'H' = End of Bill 'I' = End of Entity 'J' = Beginning of Section 'K' = End of Section 'L' = Follows Detail 'M' = Heading 'N' = Sub Heading 'O' = Face Page Detail 'P' = Summary Page Right Column 'Q' = FYI Page End of Section 'R' = Remittance Stub 'S' = End of Page 'T' = Report (included as part of paper bill) 'U' = Not applicable – refer to Text Type Code 'V' = Remittance Face Page 'W' = Statement of Account 'X' = Taxes and Surcharges Section 'Y' = Charge Detail Literal	
20	Text Type	X(1)	452	XDL	This field indicates whether the Text area(s) represent a valid FYI message or Customer News message. If the Text area(s) contain another type of text, this field is blank filled. The default value for this field is spaces. Valid values:	

C T R	Sub Record 20 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
					<p>‘ ‘ = othertext  ‘1’ = FYI/Customer News message  ‘9’ = Non-Displayable Messages  ‘X’ = ‘Paper Only’ Text – this value should be used in instance where text or messages are not appropriate for display on the online bill. Examples of this would be messages that reference specific paper bill page number or the back of the face page.  ‘D’ = National Bill Detail of Current Charges Breakdown (would appear as 25/20 record)  Populated with the following values for sub record ‘20’ that follow a file level ‘00’ record.  ‘1’ = FYI/Customer New Message  ‘2’ = Bill Message (Note: this may appear with a 25/00 record or other record types)  ‘3’ = Legends (NOTE: this value may also appear with other primary record types such as 60/00, 65/00 and 70/00)  ‘4’ = Margin Messages (Note this may appear with a 60/00 record or other record types)  ‘5’ = Other multi line text  ‘6’ = Section Footnote (may appear on a 63/20 record)  ‘7’ = Pay By Messages  ‘8’ =Tax exemption message</p> <p>‘M’ = Mass registration  ‘J’ = Marketing Message  ‘L’ = Tag information  ‘O’ = Mandatory Message</p> <p>Populated with the following values for Sub-record 20s that follow a record 70:  ‘A’ = Product Attribute  ‘B’ = BAC Listing  ‘I’ = Individual Calling Card  ‘P’ = Call Pickup Group Summary  ‘Q’ = Per Query Rate  ‘R’ = Per Minute Rate  ‘S’ = Speed Calling Group Summary  ‘U’ = Left handed FID text  ‘V’ = Monthly Volume Commitment  ‘W’ = White Pages Listing  ‘Y’ = Yellow Pages Listing</p>	

C T R	Sub Record 20 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
					<p>Populated with the following values for Sub-record 20s that follow a record 10 or 20:                      'E' = State Regulatory Bucketing                      'T' = Tax Identification Number                      'K' = OCR Scan Line                      'F' = Adjustment Detail                      'H' = IP Balance Detail</p> <p>Populated with the following values for Sub-record 20s that follow a record 80:                      'G' = Service Description</p> <p>Populated with the following values for Sub-record 20s that follow a record 45:                      'N' = National Directory Assistance Allowance Message</p> <p>Populated with the following values for Sub-record 20s that follow a record 65:                      'A' = Product Attribute</p> <p>'O' = Current Charges Promotion Summary Message                      'Z' = Entity Contact Information</p>	

### 4.45 Expanded Phrase Text Sub Record Number 21

This sub-record is used in conjunction with the Extended Phrase Code Module. It allows systems with non standard phrase codes and phrases to pass their phrase data.

C T R	Sub Record 21 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
	CAP		1-175		See 4.2 for CAP definition.	
1	Text Line Number	9(3)	176-178	9DR	This field uniquely identifies each line of text for a given phrase or page.	
2	Total Number of Text Lines	9(3)	179-181	9DR	This field is the total number of lines for a given phrase or page.	
3	XL-Phrase Code	X(30)	182-211	XDL	This is a complete line of detail text or FYI page text. The default value for this field is spaces.	
4	XL-Phrase Text	X(150)	212-361	XDL	This is a complete line of detail text or FYI page text. The default value for this field is spaces.	
6	Text Start Date	X(8)	362-369	XDL	Date from which text can be used. This date will be used If Text Start Date is not available this field should be initialized. Format is CCYYMMDD Default is spaces	
7	Text Stop Date	X(8)	370-377	XDL	Date after which should not be used. If Text Start Date is not available this field should be initialized. Format is CCYYMMDD Default is spaces	
8	Bill Display Code	X(1)	378-378	XDL	This field will be set by billing systems to denote whether or not an item represented on the sub 21 record is to be displayed on the paper bill or not. The default value for this field is spaces. Valid values: ' ' = item is not displayed on the paper bill 'D' = Item is displayed on paper bill	
9	Text Location Code	X(1)	379-379	XDL	Contains the physical location of the text within the bill section. Valid values: '9' = Non-Displayable Messages 'A' = Face Page Bulletin 'B' = Face Page White Space Bulletin 'C' = Back Face Page 'D' = Left Margin 'E' = Right Margin	

C T R	Sub Record 21 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
					'F' = Beginning of Bill 'G' = Beginning of Entity 'H' = End of Bill 'I' = End of Entity 'J' = Beginning of Section 'K' = End of Section 'L' = Follows detail 'M' = Heading 'N' = Sub Heading 'O' = Face Page Detail 'P' = Summary Page Right Column 'Q' = FYI Page End of Section 'R' = Remittance Stub 'S' = End of Page 'T' = Report (included as part of paper bill) 'Y' = Charge Detail Literal	
10	Text Type	X(1)	380-380	XDL	This field indicates whether the Text area(s) represent a valid FYI message or Customer News message. If the Text area(s) contain another type of text, this field is blank filled. The default value for this field is spaces. The below reference to record type are to be used as a GUIDE. However all TEXT TYPES should be allowable on ALL record types. Valid values: ' ' = other text (type unknown) '1' = FYI/Customer News message 'X' = 'Paper Only' Text – this value should be used in instances where text or messages are not appropriate for display on the online bill. Examples of this would be messages that reference specific paper bill page number or the back of the face page. 'D' = National Bill Detail of Current Charges Breakdown (would appear as 25/20 record) Note: May need separate categorization for marketing messages associated with ECBE. Concerned with physical placement in paper bill. 'C' = Entity Heading Message (may appear with a 25/00 record or other record types Populated with the following values for sub record '20' that follow a file level '00' record. '1' = FYI/Customer News Message '2' = Bill Message (Note: this may appear with a 25/00 record or other record types)	



C T R	Sub Record 21 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
					<p>'3' = Legends (NOTE: this value may also appear with other primary record types such as 25/00, 60/00, 65/00 and 70/00)                      '4' = Margin Messages (Note this may appear with a 60.00 record or other record types)                      '5' = Other multi line text                      '7' = Part Number Description                      '8' = Fully Qualified Domain Name (FQDN)                      'J' = Marketing Message                      'L' = Tag information                      'M' = Mass registration                      'N' = ConceptWave Service Instance ID Name                      'O' = Mandatory Message</p> <p>Populated with the following values for Sub-record 21s that follow a record 70:                      'A' = Product Attribute                      'B' = BAC Listing                      'I' = Individual Calling Card                      'P' = Call Pickup Group Summary                      'Q' = Per Query Rate                      'R' = Per Minute Rate                      'S' = Speed Calling Group Summary                      'U' = Left handed FID text                      'V' = Monthly Volume Commitment                      'W' = White Pages Listing                      'Y' = Yellow Pages Listing</p> <p>Populated with the following values for Sub-record 21s that follow a record 10:                      'E' = State Regulatory Bucketing                      'T' = Tax Identification Number                      'K' = OCR Scan Line                      'F' = Adjustment Detail                      'H' = IP Balance Detail</p> <p>Populated with the following values for Sub-record 21s that follow a record 62, 71 or 80:                      'G' = Service Description</p>	

C T R	Sub Record 21 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
					Populated with the following values for Sub-record 21s that follow a record 45: 'N' = National Directory Assistance Allowance Message  Populated with the following values for Sub-record 21s that follow a record 65: 'A' = Product Attribute 'Z' = Entity Contact Information	

### 4.46 Tax Detail Sub Record Number 30

This optional record is used when there is a need to identify taxes for a particular line of the bill.

A 25/30 record must be written to detail every tax or surcharge even if it is a stand alone line of bill.

This sub record may be subordinate to detail records as needed.

C T R	Sub Record 30 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
	CAP		1-175		See 4.2 for CAP definition.	
1	Mandated Tax Code	X(1)	176	XDL	This field denotes whether the taxes, surcharges and other fees contained in the record are government remitted or non-government remitted. The default value for this field is spaces. Valid values: 'G' = Government remitted taxes, surcharges and other fees 'N' = Non Government remitted taxes, surcharges and other fees	
2	Tax Detail Area Number of Occurrences	9(2)	177-178	9DR	This is the number of times the following data fields are repeated for multiple occurrences of similar data. This represents the grouping of detailed tax data. There may be up to five tax data groups in each record. The default value for this field is 01. Values are 01 thru 05.	
	Tax Detail Area		179-443		The following fields (@) are multiplied 1 to 5 times depending on the Tax Detail Area number of occurrences field. Therefore if record xx30 is populated to capacity, positions 179-443 will display data for five Charge Codes and Amounts.	
3	@Charge Code	X(4)	179-182	XDL	This code identifies the type of charge as related to the line of bill. See Charge Code field in 2500 record for list of values for this field. This field must be populated with one of the values listed in the Charge Code field on the 2500 record. There is no default of spaces for this field.	
4	@Tax Type Code	9(3)	183-185	9DR	This code represents the type of tax being billed This field must be populated with one of the values listed below. There is no default of zeroes for this field. Valid values: 050 = Unable to identify without parsing text 100 = All combined 110 = Government 120 = Federal	

C T R	Sub Record 30 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
					130 = State 140 = State/local 150 = County 160 = Multi-county 170 = City 180 = Municipal 190 = Local 200 = Franchise 210 = Surcharge 220 = Regulatory 221 = CA A38 Access 222= CA A38 Toll 223 = CA A38 Local 224 = CA High Cost Fund – B Surcredit 225 = CA High Cost Fund – B Rebate 226 = Surcredit as Authorized by CPUC 230 = Massachusetts Property Tax Recovery 231 = Property Tax Recovery 300 = Access 310 = Special Access Surcharge 320 = Underground Cable Surcharge 321 = COCOT Enforcement Fund Surcharge 322 = Connecticut Surcharge 323 = Securities Industry Service Fee (SIA) 324 = LD Universal Connectivity Charge 325 = Carrier Cost Recovery Charge 326 = NY Municipal Construction Surcharge 430 = 911-VOIP 431 = 911-VOIP Business 432 = FCC Regulatory Fee 400 = 911-State 410 = 911-County 420 = 911-City 500 = Handicap 600 = School 610 = Transit	

C T R	Sub Record 30 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
					700 = Occupational 800 = Gross receipts 801 = LD Gross Receipts 810 = Sales 820 = Sales-State 830 = Sales-County 840 = Sales-City 850 = Sales and use 900 = Municipal surcharge 901 = Canadian Federal Goods and Services Tax(GST) 902 = Canadian Federal Harmonized Sales Tax(HST) 903 = Provincial Quebec Sales Tax(QST) 904 = Canadian Provincial Sales Tax(PST) 905 = NY GRT 184/186e 910 = MTA surcharge 920 = Gross Income Tax Surcharge 930 = Federal Universal Service Fund Charge – POTS 931 = Federal Universal Service Fund Charge – Special Access 932 = Federal Universal Service Fund Charge – Centrex 933 = Federal Universal Service Fund Charge – ISDN PRI 934 = Federal Universal Service Fund Charge – DSL 935 = Federal Universal Service Fund Charge – Incidental 936 = FUSF – LD 937 = FUSF Surcharge – Informational Only 940 = P.U.C. Tax 941 = Telephone Sales Tax 942 = Licensee Tax 943 = Service Tax 944 = District Tax 945 = 911 Business 946 = Universal Service Fund (USF) Surcharge 947 = Utility Users Tax/Business 948 = Telecommunications Relay Service Surcharge 949 = DEAF Tax Surcharge 950 = High Cost Fund Surcharge 951 = Poison Control Surcharge	

C T R	Sub Record 30 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
					952 = Lifeline 953 = Excise Tax 954 = Special Tax 955 = Utility Users Tax 957 = Business and Occupation Tax 958 = 911 Tax 959 = Comm Tax 960 = Multiple 961 = None 962 = US Sales Tax 963 = Federal USF 964 = USF School and Library Discount 965 = State CTF Discount 966 = Texas Distance Learning Discount 967 = Value Added Tax 968 = Consumption Tax 969 = Goods and Services Tax 970 = CA Universal Lifeline Telephone Service 971 = CA Teleconnect Fund 972 = CA Relay Service and Communications Devices Fund 973 = CA High Cost Fund - B 974 = CA High Cost Fund - A 975 = CA A38 LOCAL SURCREDIT 976 = CA A38 ACCESS SURCREDIT 977 = CA HCFB HIGH COST FUND B SURCREDIT  The following values are only valid for a 10/30 Informational record and are used by DOC1 to put taxinfo on preprinted LATAM forms:  980 = PIS 981 = IEPS 982 = BURY (Buried Tax-Underground service) 983 = I.V.A- RETEIVA(2) 984 = W-ICA (Industrial/Commerical--RETEICA(3)) 985 = WITHHOLDING (RETENUTNE- 1) 986 = COFINS	

C T R	Sub Record 30 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
					987 = ISS 988 = IPI 989 = PIS 0,65% - WITHHOLDING PIS 990 = COFINS Withholding 991 = CSLL Withholding 992 = IRRF Withholding	
5	@Tax Status Indicator	X(1)	186	XDL	This indicates if the charge-coded line for this account is subject to tax. The default value for this field is spaces when taxstatus is not available at the account level. Valid values: '0' = Taxable '1' = Tax Exempt	
6	@Tax Percent	V9(5)	187-191	9DR	This indicates the taxpercent used to calculate the taxamount. The default value for this field is zeroes.	
7	@Tax Amount - \$	S9(9)V99	192-202	SDR	This is the tax billed for this charge-coded line. The formula used to calculate this field is: Line Of Bill * Tax Percent = Tax Amount The default value for this field is \$0.00	
8	@Tax Base Amount - \$	S9(9)V99	203-213	SDR	This is the total base amount upon which the tax was calculated. The default value for this field is \$0.00	
9	@Tax Category Code	X(1)	214	XDL	This field will be used to classify the overall tax category for iBill charges. The default value for this field is spaces. Valid values: '1' = Federal '2' = State '3' = County '4' = City '5' = Other '6' = Government Federal '7' = Government State '8' = Government County '9' = Government City '0' = Government Other 'A' = Tax Adjustment 'B' = Verizon Telecom Services Taxes and Surcharges 'C' = Cybertrust	

C T R	Sub Record 30 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
					'D' = Mandatory Tax 'E' = Equipment Purchase 'F' = Frontier Communications Corporation Taxes and Surcharges 'G' = Permitted Surcharge 'H' = Permitted Tax 'I' = IT Solutions Taxes and Surcharges 'J' = Unassigned 'L' = Long Distance/Data/Internet 'M' = IT Solutions Services Taxes and Surcharges 'N' = Special County (BMCT Jurisdiction Level value '08') 'O' = Special City (BMCT Jurisdiction Level value '10') 'P' = Pseudo TaxType – TaxOn-Net CR 'R' = Local Tax 'S' = Local Service 'T' = Toll/State Surcharge 'U' = Surcharge 'V' = Verizon PA 'W' = Local Improvement District 'X' = Transit District	
10	@Regulatory Bucket Display Code	X(1)	215	XDL	This identifies how charges are classified by regulators on all records containing charge fields. Valid values: ' ' = Default '1' = Regulated/Basic charges '2' = Non-regulated/Non Basic/Optional charges '3' = Toll charges '4' = Other (for use in four bucket states)  The default value for this field is spaces.	
11	@Text Phrase Code	X(8)	216-223	XDL	This is a text phrase code that can be used to look up static text. The phrase code will be used to lookup 'static' text messages on the short text module. This code is assigned uniquely with a MAN only. The Text Phrase Code and Text Code fields are mutually exclusive. If this field is populated with a value other than spaces, then the subsequent Text Code field must be defaulted to spaces. The default value of this field is spaces	



C T R	Sub Record 30 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
12	@Text Code	X(8)	224-231	XDL	This is a unique text code number assigned by the source billing system used to cross reference an individual tax detail item to its associated text on an 00/20 record. This field directly corresponds to the Text Code field on the sub record 20. This code is assigned uniquely with a MAN only. The default value for this field is spaces. The Text Phrase Code and Text Code fields are mutually exclusive. If this field is populated with a value other than spaces, then the previous Text Phrase Code field must be defaulted to spaces.	

**4.47 Additional Tax Detail Sub Record Number 31**

This record is used to represent the breakdown of tax information by tax group. It is used specifically to represent items at the level they need to be adjusted via the Portal, specifically for tax only adjustments.

C T R	Sub Record 31 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
	CAP		1-175		See 4.2 for CAP definition.	
1	Tax Group ID	X(3)	176-178	9DR	This is the NBBE TAX GROUP ID required to process the tax for an adjustment. The default value for this field is spaces.	
2	Tax Group Description	X(60)	179-238	9DR	This is the text explanation that explains the tax group. The default value for this field is spaces. This can be two 30 byte descriptions lines that are appended to each other to form a single description. Ex. Baltimore City Telecommunication Tax → Baltimore City Telecommunication Tax Montgomery County Local Surcharge → Montgomery County Local Surcharge	
3	Tax State	X(2)	239-240	XDL	This is the tax jurisdiction that the tax is applicable. The default value for this field is spaces.	
4	Geo Code	X(16)	241-256	XDL	Geo Code as associated with most commercial taxing software. The values and format are jurisdictionally defined. The default value for this field is spaces.	
5	Geo Code City	X(20)	257-276	XDL	This is the text explanation that defines the Geo Code CITY. The default value for this field is spaces.	
6	Geo Code County	X(10)	277-286	XDL	This is the text explanation that defines the Geo Code COUNTY. The default value for this field is spaces.	
7	Tax Amount	S9(9)V99	287-297	SDR	This is the tax amount applicable to the Tax group and Geo code. The default value for this field is spaces.	

**4.48 Tax Detail at Circuit Level Sub Record Number 33**

This sub-record is used for taxes at the Circuit Level. It is only applicable to IBRS and Vision.

C T R	Sub Record 33 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
	CAP		1-175		See 4.2 for CAP definition.	
1	Circuit Identifier	X(42)	176-217	XDL	Unique circuit Identifier The default value for this field is spaces.	
2	Tax Detail Area Number of Occurrences	9(2)	218-219	9DR	This is the number of times the following data fields are repeated for multiple occurrences of similar data. This represents the grouping of detailed tax data. There may be up to fifty tax data groups in each record. The default value for this field is 01. Valid values: 01 thru 50.	
	Tax Detail Area		220-1519		The following fields (@) are multiplied 1 to 50 times depending on the number of occurrences field. Therefore, if record xx33 is populated to capacity, positions 220-1519 will display data for fifty Charge Codes and Amounts.	
3	@Charge Code	X(4)	220-223	XDL	This code identifies the type of charge as related to the line of bill. See Charge Code field in 2500 record for list of values for this field. This field must be populated with one of the values listed in the Charge Code field on the 2500 record. There is no default of spaces for this field.	
4	@Tax Type Code	9(3)	224-226	9DR	This code represents the type of tax being billed This field must be populated with one of the values listed below. There is no default of zeroes for this field. Valid values: 050 = Unable to identify without parsing text 100 = All combined 110 = Government 120 = Federal 130 = State 140 = State/local 150 = County 160 = Multi-county 170 = City 180 = Municipal 190 = Local 200 = Franchise 210 = Surcharge	

C T R	Sub Record 33 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
					220 = Regulatory 221 = CA A38 Access 222= CA A38 Toll 223 = CA A38 Local 224 = CA High Cost Fund – B Surcredit 225 = CA High Cost Fund – B Rebate 226 = Surcredit as Authorized by CPUC 230 = Massachusetts Property Tax Recovery 231 = Property Tax Recovery 300 = Access 310 = Special Access Surcharge 320 = Underground Cable Surcharge 321 = COCOT Enforcement Fund Surcharge 322 = Connecticut Surcharge 323 = Securities Industry Service Fee (SIA) 324 = LD Universal Connectivity Charge 325 = Carrier Cost Recovery Charge 400 = 911-State 410 = 911-County 420 = 911-City 430 = 911-VOIP 431 = 911-VOIP Business 432 = FCC Regulatory Fee 500 = Handicap 600 = School 610 = Transit 700 = Occupational 800 = Gross receipts 801 = LD Gross Receipts 810 = Sales 820 = Sales-State 830 = Sales-County 840 = Sales-City 850 = Sales and use 900 = Municipal surcharge 901 = Canadian Federal Goods and Services Tax (GST)	

C T R	Sub Record 33 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
					902 = Canadian Federal Harmonized Sales Tax (HST) 903 = Provincial Quebec Sales Tax (QST) 904 = Canadian Provincial Sales Tax (PST) 910 = MTA surcharge 920 = Gross Income Tax Surcharge 930 = Federal Universal Service Fund Charge – POTS 931 = Federal Universal Service Fund Charge – Special Access 932 = Federal Universal Service Fund Charge – Centrex 933 = Federal Universal Service Fund Charge – ISDN PRI 934 = Federal Universal Service Fund Charge – DSL 935 = Federal Universal Service Fund Charge – Incidental 936 = FUSF – LD 937 = FUSF Surcharge – Informational Only 940 = P.U.C. Tax 941 = Telephone Sales Tax 942 = Licensee tax 943 = Service Tax 944 = District Tax 945 = 911 Business 946 = USF Surcharge 947 = Utility Users Tax/Business 948 = Telecommunications Relay Service Surcharge 949 = DEAF Tax Surcharge 950 = High Cost Fund Surcharge 951 = Poison Control Surcharge 952 = Lifeline 953 = Excise Tax 954 = Special Tax 955 = Utility Users Tax 957 = Business and Occupation Tax 958 = 911 Tax 959 = Comm Tax 960 = Multiple 961 = None 962 = US Sales Tax 963 = Federal USF	

C T R	Sub Record 33 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
					964 = USF School and Library Discount 965 = State CTF Discount 966 = Texas Distance Learning Discount 967 = Value Added Tax 968 = Consumption Tax 969 = Global Tax 970 = CA Universal Lifeline Telephone Service 971 = CA Teleconnect Fund 972 = CA Relay Service and Communications Devices Fund 973 = CA High Cost Fund - B 974 = CA High Cost Fund - A 975 = CA A38 LOCAL SURCREDIT 976 = CA A38 ACCESS SURCREDIT 977 = CA HCFB HIGH COST FUND B SURCREDIT	
5	@Tax Amount - \$	S9(9)V99	227-237	SDR	This is the tax billed for this charge-coded line. The formula used to calculate this field is: Line Of Bill * Tax Percent = Tax Amount The default value for this field is \$0.00	
6	@Text Phrase Code	X(8)	238-245	XDL	This is a text phrase code that can be used to look up static text. The default value of this field is spaces. The phrase code will be used to lookup 'static' text messages on the short text module. This code is assigned uniquely within a MAN only.	

### 4.49 Entity Contact Information Sub Record Number 40

This record provides the name and telephone numbers for contacting various organizations that service customer accounts. The contact telephone numbers are those appearing on the customer's bill. A sub-record 40 will follow that Carrier's Current Charges Record 2500.

The Entity Contact Information record now contains an array to convey up to 17 contact numbers for a particular carrier. A new Sub Record, XX/42 will now be used to convey carrier URL information.

For Sub Carriers that have contact numbers that are different than the primary carrier contact number, a 25/40 record should be created with both the Entity Code and the Sub Carrier Identification Code populated in the CAP. Contact information pertinent to the sub carrier should be populated in the appropriate fields.

NOTE: There is no correlation direct or implied with the 25/40 and 25/42 record. A 25/40 with particular Entity Contact Type Code values populated may or may not correspond to a 25/42 record with particular Entity Internet URL Type Code values populated. A 25/42 record may exist with Entity Internet URL Type Code values populated without corresponding values populated in the 25/40 record. Overall the bill display on the paper bill drives how these records are populated. For instance, an entity may only have an Internet URL published as a contact point without a corresponding telephone number.

C T R	Sub Record 40 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
	CAP		1-175		See 4.2 for CAP definition.	
1	Entity Name	X(40)	176-215	XDL	This is the name of the service provider whose entity code appears in the CAP of this record. It is MANDATORY that the domestic entity name be populated on every 25/40 record only when module 079 is not present.	
2	Entity Abbreviated Name	X(10)	216-225	XDL	This contains up to 10 character abbreviation of the Entity Name.	
3	Truth in Billing Indicator	9(1)	226	9DR	This indicates whether this is a new carrier this month. The indication of a new carrier will cause a Truth in Billing Message to be printed. Valid values: 0 = Not a new carrier 1 = New carrier	
4	B&C Sequence	9(3)	227-229	9DR	This field specifies the order that the Billing and Collection agreement with a particular	

C T R	Sub Record 40 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
	Number				carrier was signed where applicable. This value may differ by jurisdiction, as Billing and Collection agreements may have been signed in different order by jurisdiction. The default value for this field is zeroes.	
5	B&C Agreement Indicator	9(1)	230	9DR	This field indicates whether the carrier has a Billing and Collection agreement with Verizon. Valid values: 0 = No Billing and Collection agreement 1 = Billing and Collection agreement	
6	Reserved	X(20)	231-250	XDL	The default value for this field is spaces.	
7	Entity Contact Number of Occurrences	9(2)	251-252	9DR	This is the number of times the following data fields are repeated for multiple occurrences of similar data. The default value for this field is 00. Valid values: 00 thru 17.	
	Entity Contact Area		253-1289		The following fields (@) are multiplied-0 to 17 times depending on the Entity Contact number of occurrences field. Therefore if record XX40 is populated to capacity, positions 253-1289 will display data for 17 entity contact numbers.	
8	@Entity Contact Type Code	X(1)	253	XDL	This specifies the type of entity contact data contained in the entity contact area. Valid values: ' ' = default. Entity contact information cannot be quantified. Contact information appears as text records. 'A' = Inquiry/Bill Questions 'B' = Service Order 'C' = Repair 'D' = Out of State 'E' = Payment Arrangement/Payment Questions 'F' = Business Customers with Disabilities 'G' = Foreign Language Inquiry 'H' = Pay by Phone 'I' = Wireless 'J' = Are You Moving 'K' = Tariff Questions 'L' = Unauthorized Toll Carrier Complaints 'M' = Access 'N' = End User 'O' = Non Regulated	



C T R	Sub Record 40 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
					'P' = Direct Payment Enrollment 'Q' = Online Billing and Payment 'R' = Paperfree Billing 'S' – Consumer Customers with Disabilities 'T' = Centro Hispano de Verizon 'U' = Preguntas de pagos 'V' = Video Charges Billing Questions 'Y' = Fax Number 'W' = Repair for Long Distance Private Line 'X' = Combined Charges 'Z' = Customer '1' = Customer Service '2' = Phone	
9	@Entity Contact Telephone Number	X(10)	254-263	XDL	Telephone number to be used to contact the carrier for information relative to the Entity Contact Code. This field may not be populated if CSG information is not available. The default value for this field is spaces.	
10	@Entity Contact Hours of Operation	X(50)	264-313	XDL	Text literal that defines the hours of operation for a particular entity contact type. The default value for this field is spaces.	

### 4.50 International/Expanded Entity Contact Numbers Sub Record Number 41

This record provides the name and telephone numbers for contacting various organizations that service international customer accounts. The contact telephone numbers are those appearing on the customer's bill. A sub-record 41 will follow the Current Charges Record 2500. The Entity Contact Information record now contains an array to convey up to 10 contact numbers for a particular carrier. An Email Address Module, 029, may be used to convey URL information.

C T R	Sub Record 41 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
	CAP		1-175		See 4.2 for CAP definition.	
1	Entity Name	X(40)	176-215	XDL	This is the name of the service provider whose entity code appears in the CAP of this record. It is MANDATORY that the international entity name be populated on every 25/41 record.	
2	Entity Abbreviated Name	X(10)	216-225	XDL	This contains the up to 10 character abbreviation of the Entity Name.	
3	Truth in Billing Indicator	9(1)	226-226	9DR	This indicates whether this is a new carrier this month. The indication of a new carrier will cause a Truth in Billing Message to be printed. 0 = Not a new carrier / Not applicable 1 = New carrier	
4	B&C Sequence Number	9(3)	227-229	9DR	This field specifies the order that the Billing and Collection agreement with a particular carrier was signed where applicable. This value may differ by jurisdiction, as billing and collection agreements may have been signed in different order by jurisdiction. The default value for this field is zeroes.	
5	B&C Agreement Indicator	9(1)	230-230	9DR	This field indicates whether the carrier has a billing and collections agreement with Verizon. 0 = No billing and collections agreement 1 = Billing and Collections agreement	
6	Reserved	X(20)	231-250	XDL	The default value for this field is spaces.	
7	Entity Contact Number of Occurrences	9(2)	251-252	9DR	This is the number of times the following data fields are repeated for multiple occurrences of similar data. This represents the grouping of detailed tax data. There may be up to five tax data groups in each record. The default value for this field is 00. Valid values: 00 thru 17.	
	Entity Contact Area		253-1289		The following fields (@) are multiplied 0 to 17 times depending on the number of	

C T R	Sub Record 41 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
					occurrences field. Therefore if record xx41 is populated to capacity, positions 253-1289 will display data for 17 entity contact numbers.	
8	@Entity Contact Type Code	X(1)	253-253	XDL	<p>This specifies the type of entity contact data contained in the Valid values:</p> <ul style="list-style-type: none"> <li>' ' = default. Entity contact information cannot be quantified. Contact information appears as text records.</li> <li>'A' = Inquiry/Bill Questions</li> <li>'B' = Service Order</li> <li>'C' = Repair</li> <li>'D' = Out of State</li> <li>'E' = Payment Arrangement/Payment Questions</li> <li>'F' = Business Customers with Disabilities</li> <li>'G' = Foreign Language Inquiry</li> <li>'H' = Pay by Phone</li> <li>'I' = Wireless</li> <li>'J' = Are You Moving</li> <li>'K' = Tariff questions</li> <li>'L' = Unauthorized Toll Carrier Complaints</li> <li>'M' = Access</li> <li>'N' = End User</li> <li>'O' = Non Regulated</li> <li>'P' = Direct Payment Enrollment</li> <li>'Q' = Online Billing and Payment</li> <li>'R' = Paperfree Billing</li> <li>'S' = Consumer Customers with Disabilities</li> <li>'T' = Centro Hispano de Verizon</li> <li>'U' = Preguntas de pagos</li> <li>'V' = Video Charges Billing Questions</li> <li>'W' = Repair for Long Distance Private Line</li> <li>'X' = Combined Charges</li> <li>'Y' = Fax Number</li> <li>'Z' = Customer</li> <li>'1' = Customer Service</li> <li>'2' = Phone</li> </ul>	
9	@Entity Contact Telephone Number	X(20)	254-273	XDL	Telephone number to be used to contact the carrier for information relative to the Entity Contact Code. This field is used of international telephone numbers and may include	

C T R	Sub Record 41 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
					embedded spaces as formatting as values stored internally may differ by system. The default value for this field is spaces.	
10	@Entity Contact Hours of Operation	X(50)	274-323	XDL	Text literal that defines the hours of operation for a particular entity contact type. The default value for this field is spaces.	

### 4.51 Entity Internet URL Information Sub Record Number 42

This record provides the ability to specify an Internet URL for a particular carrier for each individual contact number type. A sub-record 42 may follow that Carrier's Entity Contact Information Record 25/40.

The Entity Internet URL contains an array to convey up to 4 Internet URLs for a particular carrier in a single record. If greater than 4 Internet URL's exist for one particular carrier, additional 25/42 records should be written with the overflow indicator properly set.

For Sub Carriers that have Internet URLs that are different than the primary carrier contact number, a 25/42 record should be created with both the Entity Code and the Sub Carrier Identification Code populated in the CAP. Internet URL information pertinent to the sub carrier should be populated in the appropriate fields.

C T R	Sub Record 42 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
	CAP		1-175		See 4.2 for CAP definition.	
1	Reserved	X(20)	176-195	XDL	The default value for this field is spaces.	
2	Entity Internet URL Number of Occurrences	9(2)	196-197	9DR	This is the number of times the following data fields are repeated for multiple occurrences of similar data. The default value for this field is 01. Values are 01 thru 04.	
	Entity Internet URL Area		198-401		The following fields (@) are multiplied 1 to 4 times depending on the Entity Internet URL number of occurrences field. Therefore, if record XX42 is populated to capacity, positions 198-401 will display data for 4 entity Internet URLs.	
3	@Entity Internet URL Type Code	X(1)	198	XDL	This specifies the type of entity contact data contained in the entity Internet URL area. Valid values: ' ' = default. Entity contact information cannot be quantified 'A' = Inquiry/Bill Questions 'B' = Service Order 'C' = Repair 'D' = Out of State 'E' = Payment Arrangement/Payment Questions 'F' = Business Customers with Disabilities 'G' = Foreign Language Inquiry 'H' = Pay by Phone	

C T R	Sub Record 42 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
					'I' = Wireless 'J' = Are You Moving 'K' = Tariff Questions 'L' = Unauthorized Toll Carrier Complaints 'M' = Access 'N' = End User 'O' = Non Regulated 'P' = Direct Payment Enrollment 'Q' = Online Billing and Payment 'R' = Paperfree Billing 'S' = Consumer Customers with Disabilities 'T' = Centro Hispano de Verizon 'U' = Preguntas de pagos 'V' = Video Charges Billing Questions 'W' = Repair for Long Distance Private Line 'X' = Combined Charges 'Z' = Customer '3' = eMail	
4	@Entity Internet URL	X(50)	199-248	XDL	The URL to be used to contact the carrier for information relative to the Entity Contact Code.	

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## **4.52 Local Defined Sub Record Number 50**

The Verizon 450 has several locally defined '50' sub-records that are used to map billing data that provides more granularity but doesn't map to any of the existing primary records. Locally defined records are created if the requirements for additional data element fields exceeds the reserved field space for a specific record, or when the additional fields have been identified as discretionary in nature.

When used with record Type 00 (Account Header) values are:  
900 Account Error Correction Data

When used with Record Type 10 (Account Summary) values are:  
001 State Regulatory Bucketing Data  
006 CPE Summary Account Listing  
064 HIPC Master Summary Data  
102 Access Billing late Payment Charge Detail  
104 CABS Detail of Balance Due  
113 Contract Fulfillment Contributing Account Detail  
305 Next Gen Billing EMEA Supplemental Data

When used with Record Type 15 (Summary Account/Invoice Listing) values are:  
111 NBBE Sub Account Information

When used with Record Type 25 (Summary of Current Charges) values are:  
009 Adjustment Summary  
100 Bill Section Detail  
101 CABS Charge Detail Breakdown  
103 HIPC Commitment View  
106 Location Charge Summary  
107 Custom Invoice Charge Detail Breakdown  
108 Rolled-Up Charges Information.  
200 Wireless Current Charges by Mobile Number  
203 Wireless Services Shared Plan Summary

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303 NextGen Billing Solution Specification

304 NextGen Billing Product Specification

For Arbor EU accounts, rolled-up charges are reported in a listing of the rolled-up customer number, and the rolled-up amount. The listing is provided on the main number, and the main number is included in the list of rolled-up customer numbers. In Arbor EU, the charges rolled-up are of the same type, e.g.all MRC or all NRC. Different type charges may be rolled-up to different main numbers, meaning a customer account may have all MRC charges billed to one main number and all NRC charges to another and all usage charges to a third main number. Rolled-up charges are not invoiced or reported on anything other than the main number.

When used with Record Type 30 (Local Usage) values are:

004 Local Usage Optional Calling Plan business (Upstate NY only - includes Econopath)

005 Local Usage Optional Calling Plan – Residence (Upstate NY only - includes Econopath)

008 Econopath (Downstate NY only)

021 Home Region Discount (NY only)

024 Virtual WATS (Toll Free Service - Downstate NY only)

026 Wide Area Centrex (NY only)

027 Hotline Service - Intra-office usage (NY only)

028 Hotline Service - Inter -office usage (NY only)

When used with Record Type 35 (Calling Plan) values are:

061 Multi-Location Customized Netsaver (NE only)

062 Customer Specific Pricing (CSP)

063 Customer Specific Pricing (CSP) Aggregated

When used with Record Type 63 (Wireless Event Summary) values are:

201 Wireless Event Detail (Common Area)

206 Wireless Share Group MTN Summary

When used with Record Type 64 (Conferencing Detail ) values are:

301 Conferencing Event

302 Conferencing Event



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When used with Record Type 65 (OC&C) values are:

003 Listing of Invoice Points Added to a Summary Bill Arrangement

When used with Record Type 67 (Plan/Discount) values are:

112 NBBE Plan Specific Discount Detail

When used with Record Type 70 (Bill Verification) values are:

002 Centrex Summary

007 Centrex Tax Detail

105 CABS Plan Information Module

When used with Record Type 71 (Enhanced Bill Verification) values are:

304 NextGen Billing Product Specification

When used with any primary record except 00, 28, 95 and 99.

110 NBBE Generic Summary Line Information

**4.53 State Regulatory Bucketing Data Sub Record 50 – Type Data 001**

C T R	Sub Record 50 – 001 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
	CAP		1-175		See 4.2 for CAP definition.	
1	Type Data	9(3)	176 – 178	9DR	Indicates the type of data carried in the locally defined record or sub-record. Must be populated with value '001'.	
2	Regulated/Basic Past Due Balance - \$	S9(9)V99	179 – 189	SDR	This is the past due balance of Regulated/Basic service for the account. The default value for this field is \$0.00	
3	Regulated/Basic Current Charges - \$	S9(9)V99	190 – 200	SDR	This is the Total Current Charges for Regulated/Basic service for the account. The default value for this field is \$0.00	
4	Non- Regulated/Non- Basic Past Due Balance - \$	S9(9)V99	201 – 211	SDR	This is the past due balance of Non-Regulated/Non-Basic service for the account. The default value for this field is \$0.00	
5	Non- Regulated/Non- Basic Current Charges - \$	S9(9)V99	212 – 222	SDR	This is the Total Current Charges for Non-Regulated/Non-Basic service for the account. The default value for this field is \$0.00	
6	Toll Past Due Balance - \$	S9(9)V99	223 – 233	SDR	This is the past due balance of Toll service for the account. The default value for this field is \$0.00	
7	Toll Current Charges - \$	S9(9)V99	234 – 244	SDR	This is the Total Current Charges for Toll service for the account. The default value for this field is \$0.00	
8	Directory Adv Past Due Balance - \$	S9(9)V99	245 – 255	SDR	This is the past due balance of Directory Advertising service for the account. The default value for this field is \$0.00	
9	Directory Adv Current Charges - \$	S9(9)V99	256 – 266	SDR	This is the Total Current Charges for Directory Advertising service for the account. The default value for this field is \$0.00	
10	Jurisdiction	X(2)	267 – 268	XDL	This represents the two-digit state code of the jurisdiction which has regulatory authority over the account. This field must be populated with one of the values listed below. There is no default of spaces for this field. Valid values: Any valid state code plus the following values: 'VC' = Former Contel Virginia 'VG' = Former GTE Virginia 'PC' = Former Contel Pennsylvania	

C T R	Sub Record 50 – 001 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
					'PG' = Former GTE Pennsylvania 'PQ' = Former Quaker Pennsylvania	
11	Non-Telcom Past Due Balance - \$	S9(9)V99	269 – 279	SDR	This is the past due balance of Non-telcom service for the account. The default value for this field is \$0.00	
12	Non-Telcom Current Charges - \$	S9(9)V99	280 – 290	SDR	This is the Total Current Charges for Non-telcom service for the account. The default value for this field is \$0.00	

**4.54 Centrex Summary Sub Record 50 – Type Data 002**

CTR	Sub Record 50 – 002 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
	CAP		1-175		See 4.2 for CAP definition.	
1	Type Data	9(3)	176-178	9DR	Indicates the type of data carried in the locally defined record or sub-record. Must be populated with value '002'	
2	Reserved	X(2)	179-180	XDL	The default value for this field is spaces.	
3	CTX Location	X(5)	181-185	XDL	Identifies the system number of the PBX or CTX system. OC&C and service and equipment are grouped under this 5 digit number on the customer service record (CSR). Populated only on CTX-level summary. The default value for this field is spaces.	
4	CTX Record Count	9(9)	186-194	9DR	Total number of restricted, unrestricted and patient CTX lines for this CTX location. The default value for this field is zeroes.	
5	CTX Mileage Quarters	9(3)	195-197	9DR	The count of quarter mile increments for this CTX location. Mileage charges apply when CTX station lines are located more than one mile from the local serving central office. The default value for this field is zeroes.	
6	CTX Mileage Rate	S9(5)V99	198-204	SDR	The Rate for the CTX quarter miles applicable to the CTX location. (NOTE: Value = zeroes if less than 5 quarter miles). Mileage charges for a CTX location = CTX mileage rate x CTX record count. The default value for this field is zeroes.	
7	CTX Contract Expiration Date	9(6)	205-210	9DR	The expiration date of the customer's present contract for CTX service. The default value for this field is 000000.	
8	CTX Lines Quantity	9(5)	211-215	9DR	Total number of CTX lines on the account The default value for this field is 00000.	
9	CTX Total Charge - \$	S9(9)V99	216-226	SDR	Total monthly recurring charge amount for the total number of CTX lines on the account. The default value for this field is zeroes.	

**4.55 Listing of Invoice Points Added to a Summary Bill Arrangement Sub Record 50 – Type Data 003**

This record is used to represent the listing of invoice points added to a summary bill arrangement within a particular month. It is for informational purposes only. It is created as a 65/50 record. This record may continue.

C T R	Sub Record 05 - 003 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
	CAP		1-175		See 4.2 for CAP definition.	
1	Type Data	9(3)	176-178	9DR	Indicates the type of data carried in the locally defined record or sub-record. Must be populated with value '003'.	
2	Invoice Point Listing of Occurrences	9(2)	179-180	9DR	Number of times the following data fields are repeated for multiple occurrences of similar data. The default value for this field is 01.	
	Invoice Point Listing Area		181-610		The following fields (denoted by @) are multiplied from 1 to 10 times depending on the Invoice Point Listing Number of Occurrences field. Therefore, if record XX/50 is populated to capacity, positions 181-480 will display similar data for 10 invoice points on the bill.	
3	@Invoice Point Id	X(13)	181-193	XDL	Accountid of component invoice account added to a summary bill arrangement within a particular month. This field must be populated with a valid invoice point id. Spaces is not a valid value.	
4	@Invoice Point Date Added	9(6)	194-199	9DR	Date on which invoice point was added to the summary bill arrangement. Must be populated with a valid date, zeroes are not a valid value. Format is YYMMDD.	
5	@Invoice Point Number	X(13)	200-212	XDL	Populated with telephone number as associated with the added component invoice account. The default value for this field is spaces.	
6	@Invoice Point balance Transferred - \$	S9(9)V99	213-223	SDR	Total amount due on invoice point when moved under a summary bill arrangement. This is the total amount transferred from a particular invoice point to the summary bill master account. The default value for this field is zeroes.	

**4.56 Local Usage Optional Calling Plan business (Upstate NY only - includes Econopath) Sub Record 50 – Type Data 004**

C T R	Sub Record 50 – 004 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
	CAP		1-175		See 4.2 for CAP definition.	
1	Type Data	9(3)	176-178	9DR	Indicates the type of data carried in the locally defined record or sub -record. Must be populated with value '004'	
2	Reserved	X(1)	179	XDL	The default value for this field is spaces.	
3	Plan Area Identifier	X(2)	180-181	XDL	This identifies the call area for the Optional Call Plan by number. The default value for this field is spaces. Valid values:: '01' = Optional Call Plan - Business - Call Area C '02' = Optional Call Plan - Business - Call Area D '03' = Optional Call Plan - Business - Call Area E '04' = Optional Call Plan - Business - Call Area F	
4	Call Area	X(1)	182	XDL	This identifies the calling area to which the Optional Calling Plan applies. The default value for this field is spaces. Valid values:: 'C' = Call Band C 'D' = Call Band D 'E' = Call Band E 'F' = Call Band F	
5	Billed Hours	S9(9)V99	183-193	SDR	This is the total number of hours billed for the call area under the Optional Calling Plan. The default value for this field is zeroes.	
6	Billed Charge - \$	S9(9)V99	194-204	SDR	This is the total usage charge billed under the Optional Calling Plan. The default value for this field is \$0.00	
7	OCP Business Area Number of Occurrences	9(2)	205-206	9DR	This is the number of times the following data fields are repeated for 5 multiple occurrences of similar data. The default value for this field is 00. Valid values: 00 thru 05.	
	OCP Business Area		207-366		The following fields (denoted by @) are multiplied 0 to 5 times depending on the OCP Business Area Number of Occurrences field.	
8	@OCP Hours	S9(9)V99	207-217	SDR	This is the total number of hours of usage billed at each rate tier under the Optional Call Plan.	

C T R	Sub Record 50 – 004 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
					The default value for this field is zeroes.	
9	@OCP Rate - \$	S9(6)V9999	218-227	SDR	This is the hourly rate charged for usage at each rate tier under the Optional Call Plan. The default value for this field is \$0.00.	
10	@OCP Amount - \$	S9(9)V99	228-238	SDR	This is the total billed charge for usage at each rate tier under the Optional Call Plan. The default value for this field is zeroes.	
11	OCP Plan Hours	S9(9)V99	367-377	SDR	This is the total number of hours of usage billed under the Optional Call Plan. This is the summarization of usage for multiple calling areas where applicable The default value for this field is zeroes.	
12	OCP Plan Amount - \$	S9(9)V99	378-388	SDR	This is the total usage charge billed under the Optional Call Plan. This is the summarization of usage for multiple calling areas where applicable. The default value for this field is \$0.00	
13	OCP Total Amount - \$	S9(9)V99	389-399	SDR	This is the charge for the total number of hours of usage billed under the Optional Call Plan. This is the summarization of usage for multiple calling areas where applicable. The default value for this field is \$0.00	

**4.57 Local Usage Optional Calling Plan Residence (Upstate NY only - includes Econopath) Sub Record 50 – Type Data 005**

C T R	Sub Record 50 – 005 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
	CAP		1-175		See 4.2 for CAP definition.	
1	Type Data	9(3)	176-178	9DR	Indicates the type of data carried in the locally defined record or sub-record. Must be populated with value '005'	
2	Reserved	X(3)	179-181	XDL	The default value for this field is spaces.	
3	OCP Residence Area Number of Occurrences	9(2)	182-183	9DR	This is the number of times the following data fields are repeated for 3 multiple occurrences of similar data. The default value for this field is 00. Valid values: 00 thru 03.	
	OCP Residence Area		184-387		The following fields (denoted by @) are multiplied 0 to 3 times depending on the OCP Residence Area Number of Occurrences field.	
4	@Call Area	X(1)	184-184	XDL	This identifies the calling area to which the Optional Calling Plan applies. The default value for this field is spaces. Valid values:: 'C' = Call Band C 'D' = Call Band D 'E' = Call Band E 'F' = Call Band F	
5	@Plan Area Identifier	X(2)	185-186	XDL	This identifies the call area and type of Optional Call Plan by number. The default value for this field is spaces. Valid values:: '33' = Optional Call Plan - Residence - All Hours - Call Band C '34' = Optional Call Plan - Residence All Hours - Call Band D '35' = Optional Call Plan - Residence All Hours - Call Band E '36' = Optional Call Plan - Residence All Hours - Call Band F '37' = Optional Call Plan - Residence Off-peak - Call Band C '38' = Optional Call Plan - Residence Off-peak - Call Band D '39' = Optional Call Plan - Residence Off-peak - Call Band E '40' = Optional Call Plan - Residence Off-peak - Call Band F	
6	@Minutes	S9(9)V99	187-197	SDR	This is the total number of minutes used in the minimum time period under the Optional Call Plan. The default value for this field is zeroes.	
7	@Minimum Charge - \$	S9(9)V99	198-208	SDR	This is the total charge associated with the minimum period usage under the Optional Call Plan.	



C T R	Sub Record 50 – 005 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
					The default value for this field is \$0.00	
8	@Additional Minutes	S9(9)V99	209-219	SDR	This is the total number of minutes used in addition to the minimum time period minutes under the Optional Call Plan. The default value for this field is zeroes.	
9	@Additional Rate - \$	S9(6)V9999	220-229	SDR	This is the rate charged for the additional time period usage under the Optional Call Plan. The default value for this field is \$0.00	
10	@Additional Charge - \$	S9(9)V99	230-240	SDR	This is the total charge for the usage incurred in addition to the minimum time period and its' associated minimum charge under the Optional Call Plan. The default value for this field is \$0.00	
11	@Plan Amount - \$	S9(9)V99	241-251	SDR	This is the total charge for the usage for the call area under the Optional Calling Plan. The default value for this field is \$0.00	
12	Total Amount - \$	S9(9)V99	388-398	SDR	This is the charge for the total usage billed under the Optional Call Plan. This is the summarization of usage for multiple calling areas where applicable. The default value for this field is \$0.00	

**4.58 CPE Summary Account Listing Sub Record Number 50 – Type Data 006**

This optional record is used to identify master tracking numbers, and their associated account numbers and invoices. It applies to CPE billing from SSB only. This record is created as a 10/50 record. This record may continue.

C T R	Sub Record 50 - 006 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
	CAP		1-175		See 4.2 for CAP definition.	
1	Type Data	9(3)	176-178	9DR	Indicates the type of data carried in the locally defined record or sub-record. Must be populated with value '006'.	
2	CPE Summary Account Listing Number of Occurrences	9(2)	179-180	9DR	Number of times the following data fields are repeated for multiple occurrences of similar data. The default value for this field is 01.	
	CPE Summary Account Listing Area		181-804		The following fields (denoted by @) are multiplied from 1 to 12 times depending on the Sub-Account Information Number of Occurrences field. Therefore, if record XX/50 is populated to capacity, positions 178-804 will display similar data for twelve sub-account information on the bill.	
3	@Master Tracking Number	X(15)	181-195	XDL	Contains the Master Tracking number associated to one or more billable items. The default value for this field is spaces.	
4	@Account Number	X(13)	196-208	XDL	This is the billing number associated with an invoice. In a summary billing arrangement this would be the component account number. The default value for this field is spaces.	
5	@Invoice Number	X(13)	209-221	XDL	Contains the invoice number that a particular charge pertains to. The default value for this field is spaces.	
6	@Billed Amount	S9(9)V99	222-232	SDR	This is the actual amount to be billed the customer for each item. The default value for this field is zeroes.	

**4.59 Centrex Tax Detail Sub-record 50 – Type Data 007**

C T R	Sub Record 50 – 007 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
	CAP		1-175		See 4.2 for CAP definition.	
1	Type Data	9(3)	176-178	9DR	Indicates the type of data carried in the locally defined record or sub-record. Must be populated with value '007'	
2	Reserved	X(5)	179-183	XDL	The default value for this field is spaces.	
3	Fictitious Centrex Tax Detail/Tax Status USOC	X(5)	184-188	XDL	Fictitious USOC created to identify the taxdetail/taxstatus of NPD Centrex products for VCAP-R purposes. Valid values: CTXA0= Taxable CTXA1= Taxable at Federal Level (no State taxes) CTXA2= Taxable at State Level (no Federal taxes) CTXA3= Tax Exempt CTXA4= SLIC/Line Port	
4	Centrex Tax Detail Amount	S9(10)V99	189-200	SDR	Account level MRC tax detail amounts, split according to tax status	

**4.60 Econopath (Downstate NY Only) Sub Record Number 50 – Type Data 008**

C T R	Sub Record 50 – 008 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
	CAP		1-175		See 4.2 for CAP definition.	
1	Type Data	9(3)	176-178	9DR	Indicates the type of data carried in the locally defined record or sub-record. Must be populated with value '008'	
2	Reserved	X(1)	179	XDL	The default value for this field is spaces.	
3	Business/Residence Ind	X(1)	180	XDL	This identifies whether the account is a business account or a residence account.  Valid values:: '1' = Business Account '2' = Residence Account	
4	Reserved	X(11)	181-191	XDL	The default value for this field is spaces.	
5	Plan Identifier	X(2)	192-193	XDL	This identifies the type of usage expected for the call area under the Optional Call Plan for residence or business accounts.  Valid values:: '01' = Econopath - Business - Light Usage '02' = Econopath - Business - Medium Usage '03' = Econopath - Business - Heavy Usage  '01' = Econopath - Residence - Low Usage '02' = Econopath - Residence - Light Usage '03' = Econopath - Residence - Medium Usage '04' = Econopath - Residence - Heavy Usage	
6	Econopath Call Region	X(9)	194-202	XDL	This identifies the call region for which the usage is reported.	
7	Econopath Initial Call Amt - \$	S9(9)V99	203-213	SDR	This is the dollar value for the initial call usage for the call region.	
8	Econopath Plan Charge Amt - \$	S9(9)V99	214-224	SDR	This is the dollar value actually charged to the customer for the initial call period usage for the call region under the Econopath plan.	
9	Econopath Overtime Value Amt - \$	S9(9)V99	225-235	SDR	This is the dollar value for the overtime usage beyond the initial call period for the call region.	
10	Econopath Overtime Charge Amt - \$	S9(9)V99	236-246	SDR	This is the dollar value actually charged to the customer for overtime usage beyond the initial call period for the call region under the Econopath Plan.	
11	Econopath Actual Usage Amt - \$	S9(9)V99	247-257	SDR	This is the dollar value of the actual usage for the call region that the customer would have incurred had they not subscribed to the Econopath plan.	

C T R	Sub Record 50 – 008 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
12	Reserved	X(18)	258-275	XDL	The default value for this field is spaces.	
13	Econopath Total Amt - \$	S9(9)V99	276-286	SDR	This is the total charge to the customer for the call region under the Econopath plan.	

### 4.61 Adjustment Summary Sub Record 50 – Type Data 009

This record conveys the display of a summary of adjustment details. It is for informational purposes only. It will be created as a 25/50 and may be embellished by a variety of modules.

C T R	Sub Record 50 - 009 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
	CAP		1-175		See 4.2 for CAP definition.	
1	Type Data	9(3)	176-178	9DR	Indicates the type of data carried in the locally defined record or sub-record. Must be populated with value '009'.	
2	Adjustment Type Code	X(1)	179	XDL	Provides a further breakdown of the Charge Type Code when sub groupings are required for summaries. This generally relates to the Charge Sub Type Code in the 71/00. ' ' = Default 'A' = Account Level 'B' = Service Related Charge Adjustment 'C' = Service ID Usage Adjustment 'D' = Service ID Charge Adjustment	
3	Service Period Begin	9(6)	180-185	9DR	The start date of billing for the service period. The format is YYMMDD. The default value for this field is zeroes.	
4	Service Period End	9(6)	186-191	9DR	The end date of billing for the service period. The format is YYMMDD. The default value for this field is zeroes.	
5	Reserved	X(10)	192-201	XDL	The default value for this field is spaces.	
6	Adjustment Summary Number of Occurrences	9(2)	202-203	9DR	This is the number of times the following data fields are repeated for multiple occurrences of similar data. This represents the grouping of detailed bill section data. There may be up to fifteen bill section data groups in each record.  The default value for this field is 00. Valid values: 00-15.	
	Adjustment Summary Area		204-2708		The following fields (denoted by @) are multiplied 0 to 15 times depending on Adjustment Summary Number of Occurrences field.	
7	@Adjustment Date	9(6)	204-209	9DR	The date of the adjustment. The format is YYMMDD. The default value for this field is zeroes.	
8	@Adjustment Usage Amount - \$	S9(9)V99	210-220	SDR	This is the dollar amount for Usage Charges being adjusted. The default value for this field is spaces.	
9	@Adjustment Recurring Amount -	S9(9)V99	221-231	SDR	This is the dollar amount Recurring Charges being adjusted. The default value for this field is spaces.	

C T R	Sub Record 50 - 009 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
	\$					
10	@ Adjustment Non Recurring Amount - \$	S9(9)V99	232-242	SDR	This is the dollar amount for the Non Recurring Charges being adjusted. The default value for this field is spaces.	
11	@ Adjustment Taxes/Surcharges Amount - \$	S9(9)V99	243-253	SDR	This is the dollar amount for the Taxes and Surcharges being adjusted. The default value for this field is spaces.	
12	@ Adjustment Description	X(80)	254-333	XDL	The description of the adjustment displayed on the Adjustment Summary. The default value for this field is spaces.	
13	@CLIN Number	X(7)	334-340	XDL	The CLIN (Contract Line Identification Number) displayed on the Adjustment Summary. The default value for this field is spaces.	
14	@Reserved	X(30)	341-370	XDL	The default value for this field is spaces.	

**4.62 Home Region Discount (NY Only) Sub Record 50 – Type Data 021**

C T R	Sub Record 50 – 021 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
	CAP		1-175		See 4.2 for CAP definition.	
1	Type Data	9(3)	176-178	9DR	Indicates the type of data carried in the locally defined record or sub-record. Must be populated with value '021'.	
	Fictitious BTN		179-191	GRP	This is the fictitious billing telephone number used to aggregate local usage data for multiple billing telephone numbers for the purposes of applying a discount.	
2	NPA	X(3)	179-181	XDL		
3	Prefix	X(3)	182-184	XDL		
4	Line	X(4)	185-188	XDL		
5	Customer Code	X(3)	189-191	XDL		
6	Calls	9(9)	192-200	9DR	This is the number of local usage calls for the billing telephone number to be aggregated under the fictitious billing telephone number for the month.	
7	Minutes	9(9)	201-209	9DR	This is the number of local usage additional minutes for the billing telephone number aggregated under the fictitious billing telephone number for the month.	
8	Usage - \$	S9(9)V99	210-220	SDR	This is the dollar value of the total of local usage calls and additional minutes for the account aggregated under the fictitious billing telephone number before the monthly site and monthly aggregate discounts are applied.	
9	Acct Discount Percent	V99	221-222	SDR	This is the percentage of the site discount that is applied to the billing telephone number's usage aggregated under the fictitious billing telephone number for the month.  Valid values:: .00 = 0% Site Discount (less than \$5,000 usage) .06 = 6% Site Discount (\$5,000 - \$15,000 usage) .08 = 8% Site Discount (\$15,001 - \$30,000 usage) .10 = 10% Site Discount (greater than \$30,001 usage)	
10	Acct Discount Amount - \$	S9(9)V99	223-233	SDR	This is the dollar value of the monthly site discount for the billing telephone number aggregated under the fictitious billing telephone number for the month.	
11	Aggregated Discount Percent	V99	234-235	SDR	This is the rate at which the monthly aggregate discount on each individual billing telephone number was calculated for the particular month.	
12	Aggregated Discount Amount - \$	S9(9)V99	236-246	SDR	This is the dollar value of the monthly aggregate discount for the billing telephone number aggregated under the fictitious billing telephone number for the particular month.	



C T R	Sub Record 50 – 021 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
13	Total Discount Amount - \$	S9(9)V99	247-257	SDR	This is the dollar value of the total of local usage calls and additional minutes for the billing telephone number aggregated under the fictitious billing telephone number after the monthly site and monthly aggregate discounts are applied.	
14	Aggregated Display Percentage	V99	258-259	SDR	This is the contract negotiated rate at which the aggregate discount is being applied for usage in excess of the commitment amount.	

**4.63 Virtual WATS (Toll Free Service - Downstate NY Only) Sub Record 50 – Type Data 024**

C T R	Sub Record 50 – 024 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
	CAP		1-175		See 4.2 for CAP definition.	
1	Type Data	9(3)	176-178	9DR	Indicates the type of data carried in the locally defined record or sub-record. Must be populated with value '024'.	
	Account Usage Detail		179-234	GRP	The information grouped under this area applies to the entire account's usage. The first record of this type (data value 024) that appears for an account is in essence the account summary and only has the account usage detail information populated. Subsequent records will follow with the appropriate detail and subtotal information populated per region.	
2	Total Applicable Minutes	S9(3)	179-181	SDR	This is the total number of minutes applied to the Virtual WATS minimum time period for the account.	
3	Cumulative Charge-Minutes	S9(9)	182-190	SDR	This is the total amount of Virtual WATS minutes used for the account <i>less</i> the total minutes applicable to the minimum.	
4	Total Virtual WATS Charge - \$	S9(7)V99	191-199	SDR	This is the total amount of Virtual WATS charges for the account <i>less</i> the minimum charge.	
5	Total Average Rate - \$	S9V999999	200-206	SDR	This is the composite average rate per minute for the account.	
6	Monthly Charge - \$	S9(5)V99	207-213	SDR	This is the minimum charge for the account applied per month.	
7	Minimum Minutes	S9(3)	214-216	SDR	This is the number of minutes in the minimum time period for the account.	
8	Applicable and Charge Minutes	S9(9)	217-225	SDR	This is the summary of Virtual WATS minutes used for all regions for the account including the minimum time period minutes.	
9	Monthly and Virtual WATS Charge - \$	S9(7)V99	226-234	SDR	This is the summary of Virtual WATS charges for the account including the monthly minimum charge.	
	Region Usage Detail		235-252	GRP	The information grouped under this area applies to the each applicable region's usage. One record will appear with region usage detail information populated per region to include detail information per time period.	
10	Format Indicator	X(1)	235-235	XDL	This code indicates how the Virtual WATS minutes used are applied on the bill and how they relate to the minimum time period.  Valid values:: ' ' = Does not apply (default)	

C T R	Sub Record 50 – 024 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
					'1' = Initial Minutes Section '2' = Split Minutes '3' = Additional Minutes Section '4' = Charges at End	
11	Band	X(2)	236-237	XDL	This represents the area in which a call terminates as defined by local banding techniques.  Valid values:: ' ' = No region applies (default) '02' = Nassau '03' = New York City '04' = West Suffolk '05' = East Suffolk '06' = Lower Westchester '07' = Upper Westchester '08' = Rockland	
12	RCP Rate – Initial - \$	S9V9999	238-242	SDR	This is the Regional Call Plan initial charge per call for the region that would have been charged had the customer not subscribed to Virtual WATS.	
13	RCP Rate – Additional - \$	S9V9999	243-247	SDR	This is the Regional Call Plan additional minute charge for the region that would have been charged had the customer not subscribed to Virtual WATS.	
14	Applied Percent	S9V9999	248-252	SDR	This is the percentage of minimum period minutes as applied to the total Regional Call Plan minutes.	
	RCP Usage		253-279	GRP	The information grouped under this areas corresponds to the usage that would have applied to the Regional Call Plan rates had the customer not subscribed to Virtual WATS.	
15	RCP Minutes – Day	S9(9)	253-261	SDR	This is the number of Regional Call Plan minutes for the day period for the region that would be applicable had the customer not subscribed to Virtual WATS.	
16	RCP Minutes – Evening	S9(9)	262-270	SDR	This is the number of Regional Call Plan minutes for the evening period for the region that would be applicable had the customer not subscribed to Virtual WATS.	
17	RCP Minutes – Night	S9(9)	271-279	SDR	This is the number of Regional Call Plan minutes for the night period for the region that would be applicable had the customer not subscribed to Virtual WATS.	
	Applied Usage		280-306	GRP	This information grouped under this area corresponds to the usage that applied to the Virtual WATS minimum time period.	
18	Applied Minutes – Day	S9(9)	280-288	SDR	This is the number of Virtual WATS Plan minutes for the day period for the region that applied to the minimum period.	
19	Applied Minutes –	S9(9)	289-297	SDR	This is the number of Virtual WATS Plan minutes for the evening period for the	

C T R	Sub Record 50 – 024 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
	Evening				region that applied to the minimum period.	
20	Applied Minutes – Night	S9(9)	298-306	SDR	This is number of Virtual WATS Plan minutes for the night period for the region that applied to the minimum period.	
	Charged Usage		307-375	GRP	This information grouped under this area corresponds to the usage for the region under the Virtual WATS plan.	
21	Charged Minutes – Day	S9(9)	307-315	SDR	This is the number of Virtual WATS Plan minutes for the day period for the region.	
22	Charged Minutes – Evening	S9(9)	316-324	SDR	This is the number of Virtual WATS Plan minutes for the evening period for the region.	
23	Charged Minutes – Night	S9(9)	325-333	SDR	This is the number of Virtual WATS Plan minutes for the night period for the region.	
24	Rate Per Minute – Day - \$	S9V9999	334-338	SDR	This is the average rate per minute charged for Virtual WATS Plan minutes for the day period for the region.	
25	Rate Per Minute – Evening - \$	S9V9999	339-343	SDR	This is the average rate per minute charged for Virtual WATS Plan minutes for the evening period for the region.	
26	Rate Per Minute – Night - \$	S9V9999	344-348	SDR	This is the average rate per minute charged for Virtual WATS Plan minutes for the night period for the region.	
27	Charges – Day - \$	S9(7)V99	349-357	SDR	This is the amount charged for day period usage under the Virtual WATS Plan for the region.	
28	Charges – Evening - \$	S9(7)V99	358-366	SDR	This is the amount charged for evening period usage under the Virtual WATS Plan for the region.	
29	Charges – Night - \$	S9(7)V99	367-375	SDR	This is the amount charged for night period usage under the Virtual WATS Plan for the region.	
	Subtotal Detail		376-435	GRP	The information grouped under this area applies provides subtotal information for a particular region.	
30	RCP Minutes	S9(9)	376-384	SDR	This is the total number of Regional Call Plan minutes for all the time periods for the region that would be applicable had the customer not subscribed to Virtual WATS.	
31	Applied Percent	S9V9999	385-389	SDR	This is the percentage of minimum period minutes as applied to the total Regional Call Plan minutes for the region.	
32	Applied Minutes	S9(3)	390-392	SDR	This is the number of Virtual WATS Plan minutes for all the time periods for the region that applied to the minimum period.	
33	Virtual WATS Minutes	S9(9)	393-401	SDR	This is the total number of Virtual WATS Plan minutes for all the time periods for the region.	
34	Virtual WATS	S9(7)V99	402-410	SDR	This is the total amount of Virtual WATS charges for all the time periods for the	

C T R	Sub Record 50 – 024 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
	Charge - \$				region.	
35	RCP Average Rate - \$	S9V99999 9	411-417	SDR	This is the Regional Call Plan average rate per minute for all the time periods for the region.	
36	Recomputed RCP Charge - \$	S9(7)V99	418-426	SDR	This is the total Regional Call Plan charge for all time periods for the region that the customer would have been billed had they not subscribed to the Virtual WATS Plan.	
37	Amount Billed - \$	S9(7)V99	427-435	SDR	This is the total usage charge for all time periods for the region under the Virtual WATS Plan.	
	Split Rate Detail		436-471	GRP	The information grouped under this area represents the breakdown of Virtual WATS minutes and rates for a time period when the Virtual WATS average rate per minute is determined by a <i>weighted average</i> of the parts.	
38	Split Minutes – 1	S9(7)	436-442	SDR	This is the first component of the number of Virtual WATS Plan minutes for the split time period for the region. This is used to calculate the <i>weighted average</i> rate per minute.	
39	Split Rate – 1 - \$	S9V9999	443-447	SDR	This is the first component of the Virtual WATS Plan average rate per minute charged for the split time period for the region. This is used to calculate the <i>weighted average</i> rate per minute.	
40	Split Minutes – 2	S9(7)	448-454	SDR	This is the second component of the number of Virtual WATS Plan minutes for the split time period for the region. This is used to calculate the <i>weighted average</i> rate per minute.	
41	Split Rate – 2- \$	S9V9999	455-459	SDR	This is the second component of the Virtual WATS Plan average rate per minute charged for the split time period for the region. This is used to calculate the <i>weighted average</i> rate per minute.	
42	Split Minutes – 3	S9(7)	460-466	SDR	This is the third component of the number of Virtual WATS Plan minutes for the split time period for the region. This is used to calculate the <i>weighted average</i> rate per minute.	
43	Split Rate – 3 - \$	S9V9999	467-471	SDR	This is the third component of the Virtual WATS Plan average rate per minute charged for the split time period for the region. This is used to calculate the <i>weighted average</i> rate per minute.	

**4.64 Wide Area Centrex Usage Sub Record Number 50 - Type Data 026**

This optional record is used when there is a need to identify bill sections for a particular line of the bill.

C T R	Sub Record 50 - 026 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
	CAP		1-175		See 4.2 for CAP definition.	
1	Type Data	9(3)	176-178	9DR	Indicates the type of data carried in the locally defined record or sub-record. Must be populated with value '026'.	
	Billing Number		179-191	GRP		
2	NPA	X(3)	179-181	XDL		
3	Prefix	X(3)	182-184	XDL		
4	Line Number	X(4)	185-188	XDL		
5	Customer Code	X(3)	189-191	XDL		
	Wide Area Centrex Detail Area		192-263		The following fields (denoted by @) occur 2 times.	
6	@Wide Area Centrex Calls	S9(9)	192-200	SDR		
7	@Wide Area Centrex Minutes	S9(9)	201-209	SDR		
8	@Wide Area Centrex Rate Per Minute	S9(1)V99 99	210-214	SDR		
9	@Wide Area Centrex Region Total	S9(9)V99	215-225	SDR		
10	@Wide Area Centrex Region Indicator	X(2)	226-227	XDL		
11	Wide Area Centrex Charge Total	S9(9)V99	264-274	SDR		

**4.65 Hotline Service – Intra-office usage (NY Only) Sub Record 50 – Type Data 027**

C T R	Sub Record 50 – 027 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
	CAP		1-175		See 4.2 for CAP definition.	
1	Type Data	9(3)	176-178	9DR	Indicates the type of data carried in the locally defined record or sub-record. Must be populated with value '027'.	
	Billing Number		179-191	GRP	This is the billing telephone number for the account that incurred the intra-office Hotline Service usage.	
2	NPA	9(3)	179-181	9DR		
3	Prefix	9(3)	182-184	9DR		
4	Line	9(4)	185-188	9DR		
5	Customer Code	9(3)	189-191	9DR		
	Intra Office Usage Area		192-335		The following fields (denoted by @) occur 6 times.	
6	@Intra-Office Hours	9(7)	192-198	9DR	This is the total number of hours used of intra-office Hotline Service for the account.	
7	@Intra-Office Minutes	9(3)	199-201	9DR	This is the total number of minutes used of intra-office Hotline Service for the account.	
8	@Intra-Office Rate - \$	9(3)V99	202-206	9DR	This is the hourly rate at which the intra-office Hotline Service was charged.	
9	@Intra-Office Charge - \$	S9(7)V99	207-215	SDR	This is the amount charged for the total usage of intra-office Hotline Service. The formula for calculating this charge is as follows: (Intra-Office Hours * Intra-Office Rate) + (Intra-Office Minutes/60 * rate) = Intra-Office Charge	

**4.66 Hotline Service – Inter-office usage (NY Only) Sub Record 50 – Type Data 028**

C T R	Sub Record 50 – 028 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
	CAP		1-175		See 4.2 for CAP definition.	
1	Type Data	9(3)	176-178	9DR	Indicates the type of data carried in the locally defined record or sub-record. Must be populated with value '028'.	
	Billing Number		179-191	GRP	This is the billing telephone number for the account that incurred the inter-office Hotline Service usage.	
2	NPA	9(3)	179-181	9DR		
3	Prefix	9(3)	182-184	9DR		
4	Line	9(4)	185-188	9DR		
5	Customer Code	9(3)	189-191	9DR		
	Inter Office Usage Area		192-335		The following fields (denoted by @) occur 6 times.	
6	@Inter-Office Hours	9(7)	192-198	9DR	This is the total number of hours used of inter-office Hotline Service for the account.	
7	@Inter-Office Minutes	9(3)	199-201	9DR	This is the total number of minutes used of inter-office Hotline Service for the account.	
8	@Inter-Office Rate - \$	9(3)V99	202-206	9DR	This is the hourly rate at which inter-office Hotline Service was charged.	
9	@Inter-Office Charge - \$	S9(7)V99	207-215	SDR	This is the amount charged for the total usage of inter-office Hotline Service. The formula for calculating this charge is as follows: (Inter-Office Hours * Inter-Office Rate) + (Inter-Office Minutes/60 * rate) = Inter-Office Charge	



**4.67 Multi-Location Customized Netsaver (NE Only) Sub Record 50 – Type Data 061**

C T R	Sub Record 50 – 061 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
	CAP		1-175		See 4.2 for CAP definition.	
1	Type Data	9(3)	176-178	9DR	Indicates the type of data carried in the locally defined record or sub-record. Must be populated with value '061'.	
	Aggregated BTN		179-188	GRP	This is the billing telephone number under which the Multi Location Customized Netsaver usage is aggregated.	
2	NPA	9(3)	179-181	9DR		
3	Prefix	9(3)	182-184	9DR		
4	Line	X(4)	185-188	XDL		
	Customized Netsaver Usage		189-212	GRP		
5	Outward Usage Hours	9(8)	189-196	9DR	This is the total number of hours used for all outward usage services that are consolidated under the Customized Netsaver Plan umbrella for the accounts aggregated under the billing telephone number identified above.	
6	Outward Usage Minutes	9(2)	197-198	9DR	This is the total number of minutes used for all outward usage services that are consolidated under the Customized Netsaver Plan umbrella for the accounts aggregated under the billing telephone number identified above.	
7	Outward Usage Seconds	9(2)	199-200	9DR	This is the total number of seconds used for all outward usage services that are consolidated under the Customized Netsaver Plan umbrella for the accounts aggregated under the billing telephone number identified above.	
8	Inward Usage Hours	9(8)	201-208	9DR	This is the total number of hours used for all inward usage services that are consolidated under the Customized Netsaver Plan umbrella for the accounts aggregated under the billing telephone number identified above.	
9	Inward Usage Minutes	9(2)	209-210	9DR	This is the total number of minutes used for all inward usage services that are consolidated under the Customized Netsaver Plan umbrella for the accounts aggregated under the billing telephone number identified above.	
10	Inward Usage Seconds	9(2)	211-212	9DR	This is the total number of seconds used for all inward usage services that are consolidated under the Customized Netsaver Plan umbrella for the accounts aggregated under the billing telephone number identified above.	

**4.68 Customer Specific Pricing (CSP) Sub Record 50 – Type Data 062**

C T R	Sub record 50 – 062 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
	CAP		1-175		See 4.2 for CAP definition.	
1	Type Data	9(3)	176-178	9DR	Indicates the type of data carried in the locally defined record or sub-record. Must be populated with value '062'.	
2	CSP Agreement Usage Type Identifier	X(2)	179-180	XDL	This field identifies the type of Customer Specific Pricing Plan for which the usage is presented. Valid values: 'L' = Local 'T' = Toll 'S' = Toll free 'C' = Calling Card 'O' = Outward Toll 'I' = Inward Toll 'SL' = Circuit Switched Data Local 'ST' = Circuit Switched Data Toll	
3	Term Commitment Hours	9(8)	181-188	9DR	This is the total number of hours in the commitment for the type of CSP usage represented in the CSP Agreement Identifier.	
4	Term Commitment Minutes	9(2)	189-190	9DR	This is the total number of minutes in the commitment for the type of CSP usage represented in the CSP Agreement Identifier.	
5	Annual Commitment Hours	9(8)	191-198	9DR	This is the total number of annual hours in the commitment for the type of CSP usage represented in the CSP Agreement Identifier.	
6	Annual Commitment Minutes	9(2)	199-200	9DR	This is the total number of annual minutes in the commitment for the type of CSP usage represented in the CSP Agreement Identifier.	
7	Monthly Commitment Hours	9(8)	201-208	9DR	This is the total number of monthly hours in the commitment for the type of CSP usage represented in the CSP Agreement Identifier.	
8	Monthly Commitment Minutes	9(2)	209-210	9DR	This is the total number of monthly minutes in the commitment for the type of CSP usage represented in the CSP Agreement Identifier.	
9	CSP Number of Occurrences	9(2)	211-212	9DR	This identifies the number of occurrences for the following fields identified. The default value for this field is 00. Valid values: 00-04.	

C T R	Sub record 50 – 062 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
	CSP Area		213-396		The following fields (denoted by @) are multiplied 0 to 4 times depending on the CSP Number of Occurrences field.	
10	@Phrase Identifier	X(40)	213-252	XDL		
11	@Rate Per Minute or Per Call	S9(2)V999 9	253-258	SDR	This is the rate per minute of use or per call of use.	
12	Charge Per Call	S9(2)V999 9	397-402	SDR	This is the charge per call.	
13	Current Month Usage Hours	9(8)	403-410	9DR	This is the total amount of usage hours for the current month.	
14	Current Month Usage Minutes	9(2)	411-412	9DR	This is the total amount of usage minutes for the current month.	
15	Cumulative Usage Hours	9(8)	413-420	9DR	This is the cumulative amount of usage hours.	
16	Cumulative Usage Minutes	9(2)	421-422	9DR	This is the cumulative amount of usage minutes.	
17	Expected Cumulative Usage Hours	9(8)	423-430	9DR	This is the expected cumulative amount of usage hours. The formula used to determine this is: 12 months times XXHours per month.	
18	Expected Cumulative Usage Minutes	9(2)	431-432	9DR	This is the expected cumulative amount of usage minutes.	
19	Percent Difference	9(4)V99	433-438	9DR	This is the difference in percent of the Expected Usage and the Usage.	
20	Average Monthly Total Usage to Date Hours	9(8)	439-446	9DR	This is the average of total monthly hour usage.	
21	Average Monthly Total Usage to Date Minutes	9(2)	447-448	9DR	This is the average of total monthly minute usage.	

**4.69 Customer Specific Pricing (CSP) Aggregated Sub Record 50 – Type Data 063**

C T R	Sub Record 50 – 063 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
	CAP		1-175		See 4.2 for CAP definition.	
1	Type Data	9(3)	176-178	9DR	Indicates the type of data carried in the locally defined record or sub-record. Must be populated with value '063'.	
	AggregatedBTN		179-188	GRP	This is the billing telephone number under which the CSP Multi Location Usage is aggregated.	
2	NPA	9(3)	179-181	9DR		
3	Prefix	9(3)	182-184	9DR		
4	Line	X(4)	185-188	XDL		
5	CSP Multi-Location Usage Detail Area Number of Occurrences	9(2)	189-190	9DR	The following fields (denoted by @) are multiplied 0 to 10 times depending on the CSP Multi-Location Usage Number of Occurrences field. Valid values: 00-10.	
	CSP Multi-Location Usage Detail Area		191-330		The following fields (denoted by @) are multiplied 0 to 10 times depending on the CSP Multi Location Usage Detail Number of Occurrences field.	
6	@Usage Type Indicator	X(2)	191-192	XDL	This field identifies the type of Customer Specific Pricing Plan for which the usage is presented. Valid values:: 'L' = Local 'T' = Toll 'S' = Toll free 'C' = Calling Card 'O' = Outward Toll 'I' = Inward Toll 'SL' = Circuit Switched Data Local 'ST' = Circuit Switched Data Toll	
	@CSP Multi-Location Usage Detail		193-204	GRP		
7	@CSP Hours	9(8)	193-200	9DR	This is the total number of hours used for the identified CSP Agreement Usage Type Identifier that are consolidated for the accounts aggregated under the billing telephone number identified above.	
8	@CSP Minutes	9(2)	201-202	9DR	This is the total number of minutes used for the identified CSP Agreement Usage	

C T R	Sub Record 50 – 063 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
					Type Identifier that are consolidated for the accounts aggregated under the billing telephone number identified above.	
9	@CSP Seconds	9(2)	203-204	9DR	This is the total number of seconds used for the identified CSP Agreement Usage Type Identifier that are consolidated for the accounts aggregated under the billing telephone number identified above.	

**4.70 HIPC Master Summary Data Sub Record 50 – Type Data 064**

Used to convey information on Summary Bill Master accounts that are part of a BSG HIPC arrangement. Appears as a subordinate to record 10.

C T R	Sub Record 50 – 064 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
	CAP		1-175		See 4.2 for CAP definition.	
1	Type Data	9(3)	176-178	9DR	Indicates the type of data carried in the locally defined record or sub-record. Must be populated with value '064.	
2	Anniversary/True Up date	9(8)	179-186	9DR	HIPC Anniversary or True Up Date. Format is MMDDCCYY. The default value for this field is zeroes.	
3	Bills Remaining Before True Up	9(3)	187-189	9DR	This is the number of bills remaining before True Up. The default value for this field is zeroes.	
4	Actual Commitment Amount	9(9)V99	190-200	9DR	Amount committed in HIPC agreement The default value for this field is zeroes.	
5	Monthly Amount Added	9(9)V99	201-211	9DR	Monthly amount added to annual commitment. The default value for this field is zeroes.	
6	Cumulative Amount	9(9)V99	212-222	9DR	Cumulative amount that has been added to the annual commitment.	
7	Commitment Difference	S9(9)V99	223-233	SDR	Difference between annual commitment and amounts applied to commitment The default value for this field is zeroes.	

**4.71 Virtual Telephone Number for FiOS Voice Sub Record Number 50 – Type Data 065**

Used to convey Virtual Telephone Numbers associated with FiOS Voice.

C T R	Sub Record 50 - 065 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
	CAP		1-175		See 4.2 for CAP definition.	
1	Type Data	9(3)	176-178	9DR	Indicates the type of data carried in the locally defined record or sub-record. Must be populated with value '065'.	
2	Working Telephone Number	X(10)	179-188	XDL	The WTN that has Virtual Telephone Number(s) (VTN) associated with it.	
3	Primary Telephone Number Indicator	X(1)	189-189	XDL	Identifies the primary TN on this account. Valid values: "P" and "N".	
4	Virtual Telephone Number Number of Occurrences	9(2)	190-191	9DR	Number of WTN occurrences. Valid values: 1-10.	
	Virtual Telephone Number Occurs Area		192-291		The following field (denoted by @) is multiplied 1 to 10 times depending on how many VTNs are associated with the WTN.	
5	@Virtual Telephone Number	X(10)	192-201	XDL	Optional Virtual Telephone Number used for inbound calls.	

**4.72 Bill Section Detail Sub Record Number 50 – Type Data 100**

This optional record is used when there is a need to identify bill sections for a particular line of the bill

C T R	Sub Record 50 - 100 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
	CAP		1-175		See 4.2 for CAP definition.	
1	Type Data	9(3)	176-178	9DR	Indicates the type of data carried in the locally defined record or sub-record. Must be populated with value '100'.	
2	Bill Section Detail Area Number of Occurrences	9(2)	179-180	9DR	This is the number of times the following data fields are repeated for multiple occurrences of similar data. This represents the grouping of detailed bill section data. There may be up to fifteen bill section data groups in each record.  The default value for this field is 01. Values are 00-15.	
	Bill Section Detail Area		181-465		The following fields (denoted by @) are multiplied 0 to 15 times depending on the Bill Section Detail Number of Occurrences field.	
3	@Charge Code	X(4)	181-184	XDL	This code identifies the type of charge as related to the line of bill.	
4	@Bill Section Type Code	X(4)	185-188	XDL	Code assigned within each source billing system to uniquely identify each distinct bill section. The default value for this field is spaces.	
5	@Bill Section Amount - \$	S9(9)V99	189-199	SDR	This is the dollar amount for the bill section.	



**4.73 CABS Bill Charge Detail Breakdown Sub Record Number 50 – Type Data 101**

This record is further classify CABS charge codes represented on the 25/00 record. The current charges section of a CABS paper bill breaks down charges into sub categories and the codes in this record provide that further classification of sub categories. See below for examples.

**CABS bill with usage charge breakdown:**



BILL NO 203 Y00-0003 575  
 INVOICE NO Y000003575-93362 (1)  
 BILL DATE DEC 29, 1993  
 Page 1

XYZ LONG HAUL COMMUNICATIONS  
 1899 CARRIER DRIVE  
 ANYWHERE, USA 99999

FOR TELCO USE:  
 ICSC OFC Z1Z1

BILLING INQUIRIES CALL (999) LIB-HELP

\* \* \* DETAIL OF CURRENT CHARGES \* \* \* 10-05-12-00 and 13-00

TOTAL - CONNECTICUT (2)		
LATE PAYMENT CHARGES (3)		162.00
LATE PAYMENT CHARGES-NON DISTINCT	162.00 (4)	
USAGE CHARGES - SEE DETAIL (5)		36,277.39
INTERSTATE	36,263.89 (6)	
INTRASTATE	13.50 (7)	
TOTAL CURRENT CHARGES * DUE BY JAN 28 * . . . . .		36,440.27(9)
(8)†	-----	
	TOTAL AMOUNT DUE	40,157.06(10)
	-----	

**CABS Bill with Access Charge Breakdown:**

BILL NO 617 M12-1234 234  
 INVOICE NO M121234234-95347(1)  
 BILL DATE DEC 12, 1995  
 PAGE 3

\*\*\* SUMMARY OF ACCESS CHARGES \*\*\*

TOTAL - ALL STATES (2)

MONTHLY ACCESS CHARGES

FROM DEC 13 THRU JAN 12 (3)/(4)

SPECIAL ACCESS (5)	10-05-14-00 (A)	
INTERSTATE (7)		10,361.25
SWITCHED ACCESS (5)		
ENTRANCE FACILITY (6)	10-05-14-00 (B)	
INTERSTATE (7)		23,961.72
DIRECT TRANSPORT (6)	10-05-14-00 (C)	
INTERSTATE (7)		792.20

C T R	Sub Record 50 - 101 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
	CAP		1-175		See 4.2 for CAP definition.	
1	Type Data	9(3)	176-178	9DR	Indicates the type of data carried in the locally defined record or sub-record. Must be populated with value '101'.	
2	CABS Charge Detail Area Number of Occurrences	9(2)	179-180	9DR	This is the number of times the following data fields are repeated for multiple occurrences of similar data. This represents the grouping of detailed bill section data. There may be up to fifteen bill section data groups in each record.  The default value for this field is 00. Valid values: 00-15.	
	CABS Charge Detail Area		181-450		The following fields (denoted by @) are multiplied 0 to 15 times depending on CABS Charge Detail Number of Occurrences field.	
3	@Charge Code	X(4)	181-184	XDL	This code identifies the type of charge as related to the CABS line of bill. Applicable charge codes are as follows. '0340' = CABS Monthly Access Charges '0345' = CABS Total Other Charges and Credits '0350' = CABS Total Usage Charges	
4	@CABS Charge Type Code	X(3)	185-187	XDL	Code assigned within each source billing system to uniquely identify each distinct bill section. The default value for this field is spaces. Valid values:	

C T R	Sub Record 50 - 101 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
					'001' = Interstate '002' = Intrastate '003' = Local '004' = Interstate/Intralata '005' = Intrastate/Intralata '006' = Non-Jurisdictional	
5	@CABS Charge Type Code Amount - \$	S9(9)V99	188-198	SDR	This is the dollar amount for the CABS Charge Type. The default value for this field is spaces.	

**4.74 Access Billing late Payment Charge Detail Sub Record Number 50 – Type Data 102**

This record is used to denote Late Payment charge detail in which multiple charges, rates and percentages can be detailed for multiple dates within a billing month. This record appears as subordinate to record 10/00. The details represented on this record roll up to the Late Payment Charge - \$ field on record 10/00.

C T R	Sub Record 50 - 102 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
	CAP		1-175		See 4.2 for CAP definition.	
1	Type Data	9(3)	176-178	9DR	Indicates the type of data carried in the locally defined record or sub-record. Must be populated with value '102'.	
2	LPC From Date	9(6)	179-184	9DR	The start date of the effective period for the Late Payment Charge item. The default value for this field is 000000 Valid Format is YYMMDD	
3	LPC Through Date	9(6)	185-190	9DR	The end of the effective period for this Late Payment Charge item. The default value for this field is 000000. Valid Format is YYMMDD	
4	LPC Number of Days	9(2)	191-192	9DR	The number of days the LPC is being billed for. The default value for this field is zeroes	
5	LPC Percentage Rate	9(2)V9(5)	193-199	9DR	The percentage rate at which the LPC is billed. The default value for this field is zeroes	
6	LPC Compound Factor	X(1)	200	XDL	Code used to indicate whether LPC is compounded daily or monthly. The default value for this field is spaces. Valid values: 'D' = Daily 'M' = Monthly '0' = Rates do not differ by jurisdiction '1' = Simple - yearly rate '2' = Simple - monthly rate '3' = Simple - daily rate '4' = Compound - yearly rate '5' = Compound - monthly rate '6' = Compound - daily rate '7' = Sliding scale '8' = Flat Rate - One Time Charge	
7	LPC Unpaid	9(11)V99	201-213	SDR	The unpaid balance on which the LPC was calculated.	

C T R	Sub Record 50 - 102 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
	Balance Amount				The default value for this field is zeroes	
8	LPC Amount	9(11)V99	214-226	SDR	The Individual late payments charges associated with the unpaid balance as of the date the payment is made (from and thru date of the payment). The default value for this field is zeroes.	
9	Jurisdiction Code	X(1)	227	XDL	Indicates jurisdiction to which LPC applies. The default value for this field is spaces. Valid values: 'A' = Interstate 'B' = Intrastate 'C' = Local 'D' = Interstate/Intralata 'E' = Intrastate/Intralata 'F' = Non-Jurisdictional	
10	Invoice Number	X(15)	228-242	XDL	Contains the CABS invoice number that, the Late Payment Charge is associated with. The invoice number is not formatted. The default value for this field is spaces.	

**4.75 HIPC Commitment View Sub Record Number 50 – Type Data 103**

This record is used to denote a 12 month representation of data related to a customer’s HIPC commitment. It may follow a record 25/00. The data from this record is used to recreate the HIPC commitment graph that appears on the bill.

C T R	Sub Record 50 - 103 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
	CAP		1-175		See 4.2 for CAP definition.	
1	Type Data	9(3)	176-178	9DR	Indicates the type of data carried in the locally defined record or sub-record. Must be populated with value '103'.	
2	HIPC Commitment Number of Occurrences	9(2)	179-180	9DR	Number of times the following data fields are repeated for multiple occurrences of similar data. The default value for this field is 01.	
	HIPC Commitment Information Area		181-312		The following fields (denoted by @) are multiplied from 1 to 12 times depending on the HIPC Commitment Information Number of Occurrences field. Therefore, if record XX/50 is populated to capacity, positions 178-312 will display similar data for twelve sub-account information on the bill.	
3	@Monthly Commitment Earned Date	9(4)	181-184	9DR	This field will contain the month and year for the monthly earned commitment. Format is MMY. The default value for this field is zeroes	
4	@Monthly Commitment Earned Percent	S9(3)V9(4)	185-191	SDR	This field will contain the percentage earned towards the annual HIPC commitment for each month. The default value for this field is zeroes	
5	Overall Commitment Met Percentage	S9(3)V9(4)	313-319	SDR	This field will contain the cumulative HIPC commitment towards the annual commitment period. The default value for this field is zeroes	

**4.76 CABS Detail of Balance Due Sub Record Number 50 – Type Data 104**

This record is used to denote Previous Balance and Balance Due detail in which total Payment and Adjustments applied is detailed for an invoice number. This record appears as subordinate to record 10/00.

C T R	Sub Record 50 – 104 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
	CAP		1-175		See 4.2 for CAP definition.	
1	Type Data	9(3)	176-178	9DR	Indicates the type of data carried in the locally defined record or sub-record. Must be populated with value '104'.	
2	Previous Balance Amount	S9(9)V99	179-189	9DR	The detailed balance due for a specific invoice as it appeared on the last bill rendered. The default value for this field is zeroes.	
3	Payments Applied	S9(9)V99	190-200		Total payments applied for a specific invoice number. The default value for this field is zeroes.	
4	Adjustments Applied	S9(9)V99	201-211		Total adjustments applied for a specific invoice number. The default value for this field is zeroes.	
5	Balance Due	S9(9)V99	212-222	9DR	Total charges due for a specific invoice number. The default value for this field is zeroes.	
6	Invoice Number	X(15)	223-237	XDL	A unique number identifying current charges on a specific bill. It is comprised Of components of the billing account number, or its equivalent, followed by the Julian date. The default value for this field is spaces.	
7	Company Code	X(4)	238-241	XDL	The code that identifies the EC to whom a payment is to be remitted. The default value for this field is spaces.	

**4.77 CABS Plan Information Module Sub Record Number 50 – Type Data 105**

This record is used to denote CABS Term Arrangement and Special Offering Discounts. This record appears as subordinate to record 70/00.

C T R	Sub Record 50 – 105 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
	CAP		1-175		See 4.2 for CAP definition.	
1	Type Data	9(3)	176-178	9DR	Indicates the type of data carried in the locally defined record or sub-record. Must be populated with value '105'.	
2	Plan ID	X(26)	179-204	XDL	A unique identifier that groups multiple circuits and/or USOCs that are part of the same plan group. A Plan ID could be comprised of the type of facility, the name of the Plan, and the State ID. A Contract Number may be used as an alternative. The default for this field is spaces.	
3	Required Plan Quantity	9(5)	205-209	9DR	The total quantity of circuits or USOCs required by a pricing plan. The default for this field is zeroes.	
4	Variable Plan Quantity	9(5)	210-214	9DR	A specific quantity of USOCs required by a pricing plan. The default for this field is zeroes.	
5	Start Date	X(8)	215-222	XDL	The beginning date a USOC/rate element was billed under a term agreement plan. Default value for this field is zeroes.	
6	End Date	X(8)	223-230	XDL	The last date a USOC/rate element will be billed under a term agreement plan or that a discount associated with a special offering will be applied to a USOC/rate element. The format is (CCYYMMDD). Default value for this field is zeroes.	
7	Plan Type Indicator	9(1)	231	9DR	A code that denotes the type of CABS pricing plan. Default value for this field is spaces. Valid values: '0' = Pricing Plan not in effect '1' = Term Agreement '2' = Volume Plan '3' = Term Agreement and Volume Plan '4' = Route Plan	
8	Discount Percentage	9(3)V9(2)	232-236		The percent by which a tariffed rate is reduced. The default for this field is zeroes.	
9	System Capacity	9(3)	237-239	9DR	The number of DS3s riding a higher facility (system) which is used in conjunction with a specified USOC and the TA FID to determine a rate. The default for this field is zeroes	



### 4.78 Location Charge Summary Sub Record 50 – Type Data 106

This record is used to represent the flexible breakdown of charges by each unique charge type and associate it to a service ID and location address as it appears on the invoice. It may follow a 25/00 record and it may continue.

C T R	Sub Record 50 - 106 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
	CAP		1-175		See 4.2 for CAP definition.	
1	Type Data	9(3)	176-178	9DR	Indicates the type of data carried in the locally defined record or sub-record. Must be populated with value '106'.	
2	Location ID	X(30)	179-208	XDL	Alphanumeric identifier associated with each location.	
3	Address Sequence Number	9(6)	209-214	9DR	A uniquely assigned code used to associate 10 Sub Records or 11 Sub Records to associated 25/50 records for location based charges.  This code should be uniquely assigned for category "N" records per address.  One or more 25/50 records may be associated to 10 or 11 category 'N' Sub Record via the address sequence code.  The address sequence code is only populated when the location field is not available in the customer ID department code in the cap.  The default value for this field is zeroes when no location address is present.	
4	Location Summary Charge Detail Area Number of Occurrences	9(2)	215-216	9DR	This is the number of times the following data fields are repeated for multiple occurrences of similar data. This represents the grouping of detailed bill section data. There may be up to fifteen bill Location Summary data groups in each record.  The default value for this field is 00. Valid values: 00-15.	
	Location Summary Charge Detail Area		217-516		The following fields (denoted by @) are multiplied 0 to 15 times depending on Location Summary Charge Detail Number of Occurrences field.	
5	@Charge Code	X(4)	217-220	XDL	This code identifies the type of charge as related to the line of bill. Directly relates to the charge code on the 25/00 record. Applicable charge codes are documented on the 25/00 record.	
6	@Location	X(3)	221-223	XDL	Code assigned within each source billing system to uniquely identify each distinct	

C T R	Sub Record 50 - 106 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
	Summary Charge Type Code				location charge. There needs to be a unique code assigned per charge type. The value must be decoded via a 95/00 record. The default value for this field is spaces.	
7	@Location Summary Charge Type Code Amount - \$	S9(11)V9 9	224-236	SDR	This is the dollar amount for the Location Summary Charge Type. The default value for this field is zeroes.	
8	Location Total Number of Calls	PIC 9(15)	517-531	9DR	Total number of calls for a particular location. Applicable to usage only. The default value for this field is zeroes.	
9	Location Total Number of Minutes	PIC 9(13)V99	532-546	9DR	Total number of minutes for a particular location. Applicable to usage only. The default value for this field is zeroes.	

**4.79 Custom Invoice Charge Detail Breakdown Sub Record Number 50 – Type Data 107**

This record is to further classify Custom Invoice charge codes represented on the 25/00 record. The current charges section of a Custom Invoice paper bill breaks down charges into sub categories and the codes in this record provide that further classification of sub categories. See below for examples.

C T R	Sub Record 50 – 107 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
	CAP		1-175		See 4.2 for CAP definition.	
1	Type Data	9(3)	176-178	9DR	Indicates the type of data carried in the locally defined record or sub-record. Must be populated with value '107'.	
2	Location ID	X(30)	179-208	XDL	Alphanumeric identifier associated with each location	
3	CustomInvoice Charge Detail Area Number of Occurrences	9(2)	209-210	9DR	This is the number of times the following data fields are repeated for multiple occurrences of similar data. This represents the grouping of detailed bill section data. There may be up to fifteen bill section data groups in each record.  The default value for this field is 00. Valid values: 00-15.	
4	CustomInvoice Charge Detail Area		211-480		The following fields (denoted by @) are multiplied 0 to 15 times depending on CustomInvoice Charge Detail Number of Occurrences field.	
5	@Charge Code	X(4)	211-214	XDL	This code identifies the type of charge as related to the CustomInvoice line of bill. Applicable charge codes are charge codes used on the 25/00 record.	
6	@CustomInvoice Charge Type Code	X(3)	215-217	XDL	Code assigned within CustomInvoice billing system to uniquely identify each distinct bill section. The decode of this field is provided via record 95/00. The default value for this field is spaces.	

**4.80 Rolled-Up Charges Information Sub Record 50 – Type Data 108**

This record is used to provide the report of all rolled-up customer numbers on a main account. The record allows from 1 to 15 instances of a rolled up customer number and the rolled up amount. The record can be overflowed as needed to report all rolled up customer numbers on an account. It is created as a 25/50 record. This record may continue.

C T R	Sub Record 50-108 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
	CAP		1-175		See 4.2 for CAP definition.	
1	Type Data	9(3)	176-178	9DR	Indicates the type of data carried in the locally defined record or sub-record. Must be populated with value '108'.	
2	Rolled-Up Charges Area Number of Occurrences	9(2)	179-180	9DR	Number of times the following data fields are repeated for multiple occurrences of similar data. The default value for this field is 01.	
	Roll-Up Report Detail Area		181-570		The following fields (@) are multiplied 1 to 15 times depending on the number of occurrences field. Therefore, if record 2550 is populated to capacity, positions 181-570 will display data for fifteen Roll Up Customer Numbers and Amounts.	
3	@ Rolled-Up Customer Number	X(13)	181-193	XDL	Account id of component invoice account added to a summary bill arrangement within a particular month. This field must be populated with a valid invoice point id. Spaces is not a valid value.	
4	@ Rolled-Up Charges	PIC S9(9)V99 99	194-206	SDR	This field must be populated with one of the values listed below. There is no default of zeroes for this field.	

**4.81 NBBE Generic Summary Line Information Sub Record 50 – Type Data 110**

This record is used to represent information on summary lines that appear on the bill. It is for informational purposes only. It can be attached to any primary record except 00, 28, 94, 95, 96, and 99. This record may continue.

C T R	Sub Record 50 – Type 110 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
	CAP		1-175		See 4.2 for CAP definition.	
1	Type Data	9(3)	176-178	9DR	Indicates the type of data carried in the locally defined record or sub-record. Must be populated with value '110'.	
2	Section ID	9(4)	179-182	9DR	ID assigned to uniquely identify where the summary line appears on the bill Valid values: 0001 – Summary of Current Charges etc. 0101 = Tax Summary Report (Portal only display) 0102 = Tax Summary Report (Both Portal and Paper display) 0103 = Current Charges Summary Report (Portal only display) 0104 = Current Charges Report (Both Portal and Paper display) 0105 = Statement of Account Report (Portal only display) 0106 = Statement of Account Report (Both Portal and Paper display) 0107 = Payment Summary (Portal only display) 0108 = Payment Summary (Both Portal and Paper display)  Values may be assigned uniquely by each source system. No documented set of values apply.	
3	Section Line Sequence Number	9(5)	183-187	9DR	This is the numeric sequence of the summary line within the bill section. Must always be populated with a valid sequence number. See example below of a National Bill summary of current charges section: Record 1 00001 – Access Record 2 00002 – End User Record 3 00003 – Non-Regulated Record 4 00004 – Management Report The line sequence number can have the same value for all sub record 50 as long as the records come in the order shown on the bill. See example below: Record 1 00001 – Access Record 2 00001 – End User Record 3 00001 – Non-Regulated	

C T R	Sub Record 50 – Type 110 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
					Record 4 00001 – Management Report	
4	Originating Entity Code	X(5)	188-192	XDL	This is the entity that owns the summary line. It is populated always.	
5	Line Phrase Code	X(5)	193-197	XDL	This is used to uniquely identify the bill phrase to describe the summary line. There should be a decode file that will provide the full bill phrase description. See layout below:  When there is a variable bill phrase, set this field to XXXXX. The actual bill phrase will be retrieved from the summary data array that follows.  Values may be assigned uniquely by each source system. No documented set of values apply. The default value for this field is spaces.	
6	Summary Data Number of Occurrences	9(2)	198-199	9DR	Number of times the following data fields are repeated for multiple occurrences of similar data. The default value for this field is 00.	
	Summary Data Area		200-623		The following fields (denoted by @) are multiplied from 0 to 8 times depending on the Summary Data Number of Occurrences field.	
7	@Data Type	X(3)	200-202	XDL	This field describes the type of information stored in the Data Value field. Sample Domain Valid values: CAL – calls MIN – minutes ACR – credit amount ADB – debit amount BKT – bucketing information ACC – account number PRV – previous charge PYM – payment ADJ – adjustment AMT – amount ACD – area code JRN – state DTE – date SVN – service type name CKT – circuit DTR – date range	

C T R	Sub Record 50 – Type 110 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
					AD2 – address 2 AD1 – address 1 WTN – line STE – site PCT – percent PLN = Plan Name MP6 - multi precision amount 6 MP8 - multi precision amount 8 XXX – variable bill phrase (example, FPP description) CID – Contract ID  Note: The above list of domain values is not all inclusive. The values assigned are controlled by the DOC 1 process.  This field must be populated. No default value.	
8	@Data Value	X(50)	203-252	XDL	The default value for this field is spaces.	

**4.82 NBBE Sub-Account Information Sub Record 50 – Type Data 111**

This record is created in conjunction with the 15/00 (15/50 record). The entries in the 15/50 record must match the occurrences populated on the 15/00 record. This record will be used to populate sub-account information such as account status, media options, credits, payments, and end-office ID for wholesale accounts. The occurrences on the 15/50 record must be populated in the same order as the occurrences on the 15/00 record and also must be the same in total number for each account.

On larger accounts, there will be multiple occurrences of this record with the overflow indicator set in all but the last record

C T R	Sub Record 50 – Type 111 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
	CAP		1-175		See 4.2 for CAP definition.	
1	Type Data	9(3)	176-178	9DR	Indicates the type of data carried in the locally defined record or sub-record. Must be populated with value '111'.	
2	Sub-Account Information Number of Occurrences	9(2)	179-180	9DR	Number of times the following data fields are repeated for multiple occurrences of similar data. The default value for this field is 01.	
	Sub-Account Information Area		181-1080		The following fields (denoted by @) are multiplied from 1 to 12 times depending on the Sub-Account Information Number of Occurrences field. Therefore, if record XX/50 is populated to capacity, positions 178-1080 will display similar data for twelve sub-account information on the bill.	
3	@Account Type Code Line 1	X(5)	181-185	XDL	This field will contain codes that describe the media options and status of account, displayed in line 1. The default value for this field is spaces.	
4	@Account Type Code Line 2	X(5)	186-190	XDL	This field will contain codes that describe the media options and status of account, displayed in line 2. The default value for this field is spaces.	
5	@End Office ID	X(30)	191-220	XDL	This field will be populated with end-office ID for wholesale platform accounts. The default value for this field is spaces.	
6	@Payments	S9(9)V99	221-231	SDR	This field will be populated with total payments applied to the sub-account. The default value for this field is zeroes.	
7	@Credits	S9(9)V99	232-242	SDR	This field will be populated with total credits applied to the sub-account. The default value for this field is zeroes.	
8	@Sub-Account Billing Telephone Number	X(13)	243-255	XDL	This field will contain the standard telephone number format of NPA, NXX, line number and customer code. This field will be populated only for resale	



C T R	Sub Record 50 – Type 111 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
					Summary Bill accounts. The default value for this field is spaces.	
9	@Total Current Charges - \$	S9(9)V99	256-266	SDR	Their field will be populated with the Total Current Charge amount for each component account.	

**4.83 NBBE Plan Specific Discount Detail Sub Record 50 – Type Data 112**

This record is created in conjunction with the 67/00. It is used to denote individual detail components that comprise a single discount represented by a 67/00 record.

C T R	Sub Record 50 – Type 112 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
	CAP		1-175		See 4.2 for CAP definition.	
1	Type Data	9(3)	176-178	9DR	Indicates the type of data carried in the locally defined record or sub-record. Must be populated with value '112'.	
2	Discount Charge Amount - \$	9(11)V9(4)	179-193	SDR	The default value for this field is zeroes.	
3	POF	X(8)	194-201	XDL	Product offering family. Used in conjunction with POE and REM to uniquely and fully identify a product. The default value for this field is spaces.	
4	POE	X(8)	202-209	XDL	Product offering element. Used in conjunction with POF and REM to uniquely and fully identify a product. The default value for this field is spaces.	
5	REM	X(8)	210-217	XDL	Rate element ID. Used in conjunction with POF and POE to uniquely and fully identify a product. The default value for this field is spaces.	
6	USOC/Product Identifier	X(9)	218-226	XDL	Contains USOC or other valid product identifier which may be used in addition to POF/POE/REM. The default value for this field is spaces.	
7	Reserved	X(225)	227-451	XDL	The default value for this field is spaces.	

**4.84 Contract Fulfillment Contributing Account Detail Sub-record Number 50 – Type Data 113**

This optional record captures information about individual accounts that contribute to a contract commitment. It may appear as a 10/50 record and may continue as necessary.

C T R	Sub Record 50 - 113 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
	CAP		1-175		See 4.2 for CAP definition.	
1	Type Data	9(3)	176-178	9DR	Indicates the type of data carried in the locally defined record or sub-record. Must be populated with value '113'.	
2	Contract Fulfillment Detail Number of Occurrences	9(2)	179-180	9DR	This is the number of times the following data fields are repeated for multiple occurrences of similar data. This represents the grouping of detailed bill section data. There may be up to fifteen bill section data groups in each record.  The default value for this field is 01. Valid values: 01-20.	
	Contract Fulfillment Detail Area		181-920		The following fields (denoted by @) are multiplied 0 to 20 times depending on the Contract Fulfillment Detail Number of Occurrences field.	
3	@Contributing Account Description	PIC X(15)	181-195	XDL	Billing system or environment and account number for all accounts that contribute to commitment amount. The default value for this field is zeroes.	
4	@Invoice Contribution Month	PIC (6)	196-201	9DR	Invoice month in which amount contributed to the contract. Format is YYYYMM. The default value for this field is zeroes.	
5	@Contract Allocation Percentage	PIC 9V9(4)	202-206	9DR	Percentage of contract commitment that was met for the invoice month. Format is 9V9(4) The default value for this field is zeroes.	
6	@Total Contribution for Account Amount - \$	PIC S9(9)V9(2)	207-217	SDR	Total dollar amount contribution by an account in an invoice month towards the contract commitment. Format is S9(9)V9(2). The default value for this field is zeroes.	

**4.85 Wireless Current Charges by Mobile Number Sub Record 50 – Type Data 200**

C T R	Sub Record 50 – 200 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
	CAP		1-175		See 4.2 for CAP definition.	
1	Type Data	9(3)	176-178	9DR	Indicates the type of data carried in the locally defined record or sub-record. Must be populated with value '200'.	
2	Sub Record Version	X(1)	179-179	XDL	This field tracks the current layout of this sub record. Current version is 'E'.	
3	Number Days Active This Period	9(2)	180-181	9DR	This field indicates the number of days that this telephone number was active during this bill period. Default value is zeroes.	
4	Service Start Date	9(6)	182-187	9DR	This field indicates the date that service began for this charge. Date format is YYMMDD. Default value is zeroes.	
5	Service End Date	9(6)	188-193	9DR	This field indicates the date that service ended for this charge. Date format is YYMMDD. Default value is zeroes.	
6	Cycle Start Date	9(6)	194-199	9DR	This field indicates the cycle start date for this account at the service provider. Date format is YYMMDD. Default value is zeroes.	
7	Cycle End Date	9(6)	200-205	9DR	This field indicates the cycle end date for this account at the service provider. Date format is YYMMDD. Default value is zeroes.	
8	Mobile Directory Number (MDN) First/Final Bill Indicator	9(1)	206	9DR	This field indicates whether or not this is the first bill for this mobile telephone. Valid values: 0 = Not First Bill (default) 1 = First Bill 2 = Final 3 = First/Last 4 = Revised Final	
9	Mobile Directory Number (MDN) Service Status	9(1)	207	9DR	This field indicates the status of this mobile telephone. Valid values: 0 = Working Line (default) 1 = Pending Activation 2 = Suspend Non-Payment 3 = Suspend Customer Request 4 = Cancellation	

C T R	Sub Record 50 – 200 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
10	UserName	X(50)	208-257	XDL	This field contains the name of the end user at the Service Provider's locations. Default value is spaces.	
11	Cost Center	X(36)	258-293	XDL	This field contains the Cost Center identification associated with the mobile number.	
12	Minute or Second Display Indicator	X(1)	294-294	XDL	This field indicates whether usage should be rounded to whole minutes or seconds. Valid values: 'W' = Whole Minutes 'S' = Seconds	
	Usage Summary Columns		295-348	GRP	These fields have been added to the 25-50-200 to capture the usage summary buckets communicated on the "Overview of Lines" bill display of the Verizon Wireless bill at the Mobile number level. The field names are generic in nature in order to allow more flexibility in the changing of a column's data source if needed.	
13	Usage Column 1	S9(7)V99	295-303	SDR	Default value is zeroes.	
14	Usage Column 2	S9(7)V99	304-312	SDR	Default value is zeroes.	
15	Usage Column 3	S9(7)V99	313-321	SDR	Default value is zeroes.	
16	Usage Column 4	S9(7)V99	322-330	SDR	Default value is zeroes.	
17	Usage Column 5	S9(7)V99	331-339	SDR	Default value is zeroes.	
18	Usage Column 6	S9(7)V99	340-348	SDR	Default value is zeroes.	
19	Usage Column 7	S9(9)V99	349-359	SDR	Default value is zeroes.	
20	Data Usage Display Properties	X(1)	360-360	XDL	Indicator used to modify what is to be displayed in the Data Usage column on the Overview of Plans page. Default value is space. Valid values: ' ' = No modification required '1' = Symbol (*) should be displayed	
21	M2M Streamline Indicator	X(1)	361-361	XDL	This field indicates whether the MTN is part of an M2M Streamline bill arrangement. ' ' = Not applicable (default) '1' = Streamline bill arrangement	
22	M2M MDN Indicator	X(1)	362-362	XDL	This field indicates whether there is M2M pricing for the MDN. Default is space. ' ' = M2M pricing was not associated with MDN 'Y' = M2M pricing was associated with the MDN	
23	Reserved	X(6)	363-368	XDL	Default value is spaces.	
24	Charge Code Number of Occurrences	9(2)	369-370	9DR	Number of times the following data fields are repeated for multiple occurrences of similar data. It contains the number of charge codes & amounts populated in this record. The first occurrence will always be "0100" total current charges. However,	

C T R	Sub Record 50 – 200 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
					when a line of bill nets to zero, it is not printed on the customer bill, nor is an occurrence of the charge code created but the associated detail records are passed and included in the Verizon 450 Standard file. Default value is 01.	
	Charge Code Area		371-640		The following fields (denoted by @) are multiplied 1 to 18 times depending on the Charge Code Number of Occurrences field. Therefore, if record 25 is populated to capacity, positions 371-640 will display data for eighteen Charge Codes and Amounts.	
25	@Charge Code	X(4)	371-374	XDL	Code which identifies the type of current charge as related to the line of bill. It will vary by billing company. Combinations of charge codes are derivable and therefore will not be provided a unique charge code. This field must be populated with one of the values listed below. There is no default of spaces for this field. Valid values: '0100' = Total Current Charges '1931' = Verizon Wireless Monthly Access Charges '1932' = Verizon Wireless Monthly Access Discount '1933' = Verizon Wireless Service and Features Charges '1934' = Verizon Wireless Service and Features Discount '1935' = Verizon Wireless Voice Usage Charges '1936' = Verizon Wireless Data Usage Charges '1937' = Verizon Wireless Fees, Taxes and Surcharges '1938' = Verizon Wireless Total Taxes '1939' = Verizon Wireless Miscellaneous Charge/Credit '1940' = Verizon Wireless Equipment Charges '1941' = Verizon Wireless Equipment Discount '1942' = Roaming '1943' = Split Billing '1944' = Messaging '1945' = Third-Party Charges to Account '1946' = Third-Party Charges to Lines '2004' = Purchases	
26	@Charge Amount - \$	S9(9)V99	375-385	SDR	This is the amount to be billed, on the line of the bill identified by the corresponding charge code The default value for this field is \$0.00	

**4.86 Wireless Event Detail (Common Area) Sub Record 50 – Type Data 201**

C T R	Sub record 50 – 201 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
	CAP		1-175		See 4.2 for CAP definition.	
1	Type Data	9(3)	176-178	9DR	Indicates the type of data carried in the locally defined record or sub-record. Must be populated with value '201'.	
2	Sub Record Version	X(1)	179-179	XDL	This field tracks the current layout of this sub record. Current version is 'D'.	
3	Wireless Detail Type	9(1)	180-180	9DR	This field is used to identify if the record is being used as a voice or data detail record. The modules appended to this record will vary based on the value in this field. There is no default for this field. Valid values: 1 = Voice 2 = Data	
4	Date of Call	X(5)	181-185	9DR	This field is used to mark the date of the call being reported. Format is MM/DD. Default value is spaces.	
5	Time of Call	X(6)	186-191	9DR	This field is used to mark the time of the call being reported. Format is HH:MMA or HH:MMP. Default value is spaces.	
6	Formatted Phone Number	X(16)	192-207	XDL	This field can contain either a formatted phone number or a literal when the phone number is not available/applicable. Default values spaces.	
7	Rate Period Literal	X(11)	208-218	XDL	This field identifies the specific rate period for the call being reported. Roaming calls are not applicable. Default value is spaces.	
8	Usage Type String	X(35)	219-253	XDL	This field identifies the specific type of call being reported. Default value is spaces.	
	Originating Location		254-267	GRP	This group identifies the originating location of the call.	
9	Originating City	X(11)	254-264	XDL	This field identifies the originating city of the call. Default value is spaces.	
10	Reserved	X(1)	265-265	XDL	Space when a City/State combination is being passed but can be used as part of a passed string literal. Default value is spaces.	
11	Originating Sate	X(2)	266-267	XDL	This field identifies the originating state of the call. Default value is spaces.	
	Terminating Location		268-281	GRP	This field identifies the terminating location of the call.	

C T R	Sub record 50 – 201 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
12	Terminating City	X(11)	268-278	XDL	This field identifies the terminating city of the call. Default value is spaces.	
13	Reserved	X(1)	279-279	XDL	Space when a City/State combination is being passed but can be used as part of a passed string literal. Default value is spaces.	
14	Terminating State	X(2)	280-281	XDL	The field identifies the terminating state of the call. Default value is spaces.	
15	Airtime Minutes	9(7)V99	282-290	9DR	Default value is zeroes.	
16	Airtime Charges Amount	S9(9)V99	291-301	SDR	Default value is zeroes.	
17	Other Call Charges Amount	S9(9)V99	302-312	SDR	Default value is zeroes.	
18	Total Charges Amount	S9(9)V99	313-323	SDR	Default value is zeroes.	
19	Gross Receipts Surcharge	S9(7)V99	324-332	SDR	Default value is zeroes.	
20	Tax on Air	S9(7)V99	333-341	SDR	Default value is zeroes.	
21	Tax on Toll	S9(7)V99	342-350	SDR	Default value is zeroes.	
22	FUSC Air	S9(7)V99	351-359	SDR	Federal Universal Service Charge (FUSC) Air Default value is zeroes.	
23	FUSC Other	S9(7)V99	360-368	SDR	Default value is zeroes.	
24	Usage Category	X(1)	369-369	XDL	Used to denote the usage grouping for call details. Currently applicable to International call types only. Values are: 'A' = Usage While in the US (Pay-as-You-Go) 'B' = Usage While Traveling Outside of the US (Pay-as-You-Go) 'C' = Usage While in the US (Plan) 'D' = Usage While Traveling Outside of the US (Plan) The Default value is a space.	
25	Accounting/ Authorization Code	X(12)	370-381	XDL	Accounting/Authorization Codes are mutually exclusive. The customer has either one or the other, not both. They are used for different purposes – the Authorization Code is used to authorize the call to be completed. The Accounting code allows the user to track the time of the call and can assign it to an account – think lawyers or contractors. The default value for the field is spaces.	



C T R	Sub record 50 – 201 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
25	Filler	X(10)	382-391	XDL	Default value is spaces.	

**4.87 Wireless Event Detail Sub Record 50 – Type Data 202**

C T R	Sub Record 50 – 202 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
	CAP		1-175		See 4.2 for CAP definition.	
1	Type Data	9(3)	176-178	9DR	Indicates the type of data carried in the locally defined record or sub-record. Must be populated with value '202'.	
2	Sub Record Version	X(1)	179-179	XDL	This field tracks the current layout of this sub record. Current version is 'B'.	
3	Wireless Detail Type	9(1)	180-180	9DR	This field is used to identify if the record is being used as a voice or data detail record. The modules appended to this record will vary based on the value in this field. There is no default for this field. Valid values: 1 = Data 2 = Voice	
4	Date of Usage	9(6)	181-186	9DR	This field is used to mark the date of the call being reported. Format is YYMMDD. Default value is zeroes.	
5	Time of Usage	X(6)	187-192	XDL	This field is used to mark the time of the call being reported. Format is HH:MMA or HH:MMP. Default value is zeroes.	
6	Home/Roam Indicator	X(1)	193-193	XDL	An indicator used to distinguish a call as Home (call made in the customer's home calling area) or Roam (call made outside of the service provider's local coverage area or home calling area; roaming arrangements between service providers/carriers allow customers to use other carriers' networks).  Field does not appear to be set. Default value is spaces.	
7	Home/Roam Literal	X(5)	194-198	XDL	An literal used to distinguish a call as Home (call made in the customer's home calling area) or Roam (call made outside of the service provider's local coverage area or home calling area; roaming arrangements between service providers/carriers allow customers to use other carriers' networks). Valid values are HOME and ROAM. Default value is spaces.	
	Data Usage Type		199-202	GRP		
8	Data Usage Type 1	X(2)	199-200	XDL	This is a 2 position code that identifies the type of data usage. The code translates to a description. Examples include Q1 = Get It Now Download, Q5 = Premium Content, U1 = National Access, etc.	

C T R	Sub Record 50 – 202 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
					Default value is spaces.	
9	Data Usage Type 2	X(2)	201-202	XDL	This is a 2 position code that identifies the type of data usage. The code translates to a description. Examples include Q1 = Get It Now Download, Q5 = Premium Content, U1 = National Access, etc.  Default value is spaces.	
10	Data Usage Type Description	X(30)	203-232	XDL	Identifies the type of data usage. This is the full description, e.g. Get It Now Download, Premium TXT Messaging, Ringback Tones, etc. that displays on the invoice under the Usage Type column in the data usage section. Default value is spaces.	
11	Data Usage Service Description	X(40)	233-272	XDL	Identifies the actual data service within a data usage type. To illustrate, if the data usage type is a Get It Now Download, this will be the actual item downloaded, e.g. VZ Navigator. Default value is spaces.	
12	Minutes	9(9)V99	273-283	9DR	Identifies the number of minutes for data usage that is airtime based. Default value is zeroes.	
13	Application Price	S9(9)V99	284-294	SDR	Identifies the price for the data usage. Default value is zeroes.	
14	Total Charge	S9(9)V99	295-305	SDR	Identifies the total charge for the data usage. Default value is zeroes.	
	Phone Number		306-318	GRP		
15	International Country	X(3)	306-308	XDL	This field is not being used. Default value is spaces.	
16	NPA	X(3)	309-311	XDL	This field is not being used. Default value is spaces.	
17	NXX	X(3)	312-314	XDL	This field is not being used. Default value is spaces.	
18	Line	X(4)	315-318	XDL	This field is not being used. Default value is spaces.	
	Terminating Location		319-332	GRP	This group identifies the terminating location of the data usage.	
19	Terminating City	X(11)	319-329	XDL	The field identifies the terminating city of the call. Default value is spaces.	
20	Reserved	X(1)	330-330	XDL	The default value for this field is spaces.	
21	Terminating State	X(2)	331-332	XDL	The field identifies the terminating state of the call. Default value is spaces.	

**4.88 Wireless Services Shared Plan Summary Sub Record 50 – Type Data 203**

C T R	Sub Record 50 - 203 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
	CAP		1-175		See 4.2 for CAP definition.	
1	Type Data	9(3)	176-178	9DR	Indicates the type of data carried in the locally defined record or sub-record. Must be populated with value '203'.	
2	Service Name	X(20)	179-198	XDL	Service Name.	
3	Calls	9(6)	199-204	9DR	Number of calls. The default value for this field is zeros.	
4	In Plan Minutes	9(5)V99	205-211	9DR	Number of minutes used within the plan for this Service Name.	
5	Overage Minutes	9(5)V99	212-218	9DR	Number of minutes used that exceeded the basic plan minutes for this Service Name.	
6	Usage Charges - \$	S9(9)V99	219-229	SDR	Usage Charges for this Service Name. The default value for this field is \$0.00	
7	Recurring Charges - \$	S9(9)V99	230-240	SDR	Recurring Charges for this Service Name. The default value for this field is \$0.00	
8	Non-Recurring Charges - \$	S9(9)V99	241-251	SDR	Non-Recurring Charges for this Service Name. The default value for this field is \$0.00	
9	Discounts & Adjustments - \$	S9(9)V99	252-262	SDR	Discounts and Adjustments for this Service Name. The default value for this field is \$0.00	
10	Taxes & Surcharges - \$	S9(9)V99	263-273	SDR	Taxes and Surcharges for this Service Name. The default value for this field is \$0.00	
11	Total of all Charges - \$	S9(9)V99	274-284	SDR	Total of all the charges for this Service Name. The default value for this field is \$0.00	
12	Reserved	X(20)	285-304	XDL	The default value for this field is spaces.	

**4.89 Invoice Reporting Summaries Sub Record 50 –Type Data 204**

This record will be produced invoice usage summaries. Invoices may have one-to-many custom summaries per invoice. This record enables us to define them in a flexible fashion.

C T R	Sub Record 50 – 204 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
	CAP		1-175		See 4.2 for CAP definition.	
1	Type Data	9(3)	176-178	9DR	Indicates the type of data carried in the locally defined record or sub-record. Must be populated with value '204'.	
2	Summary Type	X(3)	179-181	XDL	This field identifies the type of summary information. The default value for this field is spaces. Valid values: 'BSU' = Breakdown of Shared Usage 'BSD' = Breakdown of Shared Usage – Data 'OSD' = Overview of Shared Group Data 'OSG' = Overview of Shared Group Usage 'OSU' = Overview of Shared Usage	
3	Sequence Code	X(2)	182-183	XDL	If Sequence Code = '00', it denotes a heading row. If Sequence Code = 'DD', it denotes a detail row. If Sequence Code = 'FN', it denotes a Footnote row. If Sequence Code = 'XX', it denotes a report title row. Please note that not all reports have a title row. The default value for this field is spaces.	
4	Line Number	9(6)	184-189	9DR	This contains the line item number on the physical page of the bill summary. The default value for this field is zeroes.	
5	Column 1	X(64)	190-253	XDL	This field contains the heading information for the first column of the summary when the Sequence Code is '00' and the actual column data when any other sequence code is present. The default value for this field is spaces.	
6	Column 2	X(64)	254-317	XDL	This field contains the heading information for the second column of the summary when the Sequence Code is '00' and the actual column data when any other sequence code is present. The default value for this field is spaces.	
7	Column 3	X(64)	318-381	XDL	This field contains the heading information for the third column of the summary when the Sequence Code is '00' and the actual column data when any other sequence code is present. The default value for this field is spaces.	

C T R	Sub Record 50 – 204 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
8	Column 4	X(64)	382-445	XDL	This field contains the heading information for the fourth column of the summary when the Sequence Code is '00' and the actual column data when any other sequence code is present. The default value for this field is spaces.	
9	Column 5	X(64)	446-509	XDL	This field contains the heading information for the fifth column of the summary when the Sequence Code is '00' and the actual column data when any other sequence code is present. The default value for this field is spaces.	
10	Column 6	X(64)	510-573	XDL	This field contains the heading information for the sixth column of the summary when the Sequence Code is '00' and the actual column data when any other sequence code is present. The default value for this field is spaces.	
11	Column 7	X(64)	574-637	XDL	This field contains the heading information for the seventh column of the summary when the Sequence Code is '00' and the actual column data when any other sequence code is present. The default value for this field is spaces.	
12	Column 8	X(64)	638-701	XDL	This field contains the heading information for the eighth column of the summary when the Sequence Code is '00' and the actual column data when any other sequence code is present. The default value for this field is spaces.	
13	Column 9	X(64)	702-765	XDL	This field contains the heading information for the ninth column of the summary when the Sequence Code is '00' and the actual column data when any other sequence code is present. The default value for this field is spaces.	
14	Column 10	X(64)	766-829	XDL	This field contains the heading information for the tenth column of the summary when the Sequence Code is '00' and the actual column data when any other sequence code is present. The default value for this field is spaces.	
15	Column 11	X(64)	830-893	XDL	This field contains the heading information for the eleventh column of the summary when the Sequence Code is '00' and the actual column data when any other sequence code is present. The default value for this field is spaces.	
16	Column 12	X(64)	894-957	XDL	This field contains the heading information for the twelfth column of the summary when the Sequence Code is '00' and the actual column data when any other sequence code is present. The default value for this field is spaces.	

**4.90 Wireless Transaction Detail Sub Record 50 –Type Data 205**

C T R	Sub Record 50 – 205 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
	CAP		1-175		See 4.2 for CAP definition.	
1	Type Data	9(3)	176-178	9DR	Indicates the type of data carried in the locally defined record or sub -record. Must be populated with value '205'.	
2	Sub Record Version	X(1)	179-179	XDL	This field tracks the current layout of this sub record. Current version is 'A'.	
3	Wireless Detail Type	9(1)	180-180	9DR	This field is used to identify if the record is being used as a voice or data detail record. The modules appended to this record will vary based on the value in this field. There is no default for this field. Valid values: 1 = Voice 2 = Data 3 = Billed on Behalf of Charges	
4	Date of Charge	X(5)	181-185	XDL	This field is used to mark the date of the call being reported. Format is MM/DD. Default value is spaces.	
5	Time of Charge	X(6)	186-191	XDL	This field is used to mark the time of the call being reported. Format is HH:MMA or HH:MMP. Default value is spaces.	
6	Vendor Contact Number	X(50)	192-241	XDL	This field will capture the vendor/3 <sup>rd</sup> party service provider name and contact telephone number. Default values spaces.	
7	Charge Description	X(50)	242-291	XDL	This field provides the service or transaction literal. Default value is spaces.	
8	Charge Amount	S9(9)V99	292-302	SDR	This field identifies the cost of the transaction. Default value is zeroes.	
9	Tax on Transaction	S9(7)V99	303-311	SDR	Tax amount associated to each individual transaction. Default value is zeroes.	
10	Surcharge on Transaction	S9(7)V99	312-320	SDR	Surcharge amount associated to each individual transaction. Default value is zeroes.	
11	Reserved	X(150)	321-470	XDL	Space when a City/State combination is being passed but can be used as part of a passed string literal. Default value is spaces.	

**4.91 Wireless Share Group MTN Summary Sub Record 50 – Type Data 206**

This record is used to relay information about Usage at the MTN level for accounts participating in a Share Group. The record is being used only for MTNs that have overage charges that are due to usage exceeding their allowance and any available pooled usage. It is valid for use only with the 63/00 record.

C T R	Sub Record 50 Type - 206 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
	CAP		1-175		See 4.2 for CAP definition.	
1	Type Data	9(3)	176-178	9DR	Indicates the type of data carried in the locally defined record or sub-record. Must be populated with value '206'.	
2	Sub Record Version	X(1)	179-179	XDL	This field tracks the current layout of this sub record. Current version is 'A'.	
3	Wireless Summary Type	9(1)	180-180	9DR	Identifies whether the summary is for a Voice, Data or Messaging Share Group. There is no default value for this field. Valid values: 1 = Voice 2 = Data 3 = Messaging	
4	Current/Delayed Billing Indicator	9(1)	181-181	9DR	Identifies whether summary record is current or delayed usage from a previous month. Valid values: 0 = Not applicable (default) 1 = Current 2 = Delayed	
5	Share Group Description	X(50)	182-231	XDL	This field contains text used to describe the Share Group. There is no default for this field.	
6	Summary Description	X(50)	232-281	XDL	This field contains text used to describe the Plan or Feature. Examples might include "Nationwide Business Talk 450", "500 Msg Allowance + Unl In Msg, etc. There is no default for this field.	
7	Usage Allowance	X(35)	282-316	XDL	The number of units (minutes, messages, kilobytes, etc.) that are included at no additional charge for the billing period. The default value for this field is spaces.	
8	Usage Used	X(35)	317-351	XDL	The number of units (minutes, messages, kilobytes, etc.) actually used during the billing period. The default value for this field is spaces.	



C T R	Sub Record 50 Type - 206 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
9	Usage Billable	X(35)	352-386	XDL	The number of units (minutes, messages, kilobytes, etc.) actually used during the billing period that are above and beyond the allowance and the available pooled usage. The default value for this field is spaces.	
10	Usage Cost	S9(9)V99	387-397	SDR	The dollar amount charged for the billable usage. The default value for this field is zeros.	
11	Reserved	X(30)	398-427	XDL	The default value for this field is spaces.	

### 4.92 Wireless M2M Current Charges Summary by Plan Name Sub Record 50 – Type Data 207

This record contains the information to display a summary of charges or a summary of usage by Cost Center/Price Plan/Prorate Status for lines participating in an M2M Streamline bill arrangement. It is valid for use only with the 25/00 record.

C T R	Sub Record 50 - 207 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
	CAP		1-175		See 4.2 for CAP definition.	
1	Type Data	9(3)	176-178	9DR	Indicates the type of data carried in the locally defined record or sub-record. Must be populated with value '207'.	
2	Sub Record Version	X(1)	179-179	XDL	This field tracks the current layout of this sub record. Current version is 'A'.	
3	Plan Summary Sequence Number	9(3)	180-182	9DR	This field contains the sequence number that can be used to display these records in the same order as they appear on the bill. Can also be used as a cross reference to other M2M summary records.	
4	Prorate Indicator	X(1)	183-183	XDL	This field indicates if the charges associated with this summary have been prorated. Valid values: ' ' = No Prorated Charges for Plan (default) 'E' = Summary Excludes Prorated Charges 'I' = Summary Includes Prorated Charges	
5	Cost Center	X(36)	184-219	XDL	This field contains the Cost Center identification associated with the mobile numbers included in this summary.	
6	Price Plan ID	X(6)	220-225	XDL	This field contains the Price Plan identifier.	
7	Price Plan Description	X(60)	226-285	XDL	This field contains the description of the Price Plan including the monthly charge and usage allowance.	
8	Number of Lines in Summary	9(9)	286-294	9DR	This field contains the number of MTNs included in this summary record.	
9	Usage Allowance Column Text	X(15)	295-309	XDL	This field is used when text is to be displayed in the Usage Allowance column (Usage Column 1 below). Default value is spaces.	
10	Data Unit of Measure	X(2)	310-311	XDL	This field contains the units that the Usage is measured in. Applies to Usage Column 1, Usage Column 2 and Usage Column 3 below. Valid values: ' ' = Not applicable 'KB' = Kilobytes 'MB' = Megabytes 'GB' = Gigabytes 'TB' = Terabytes	

C T R	Sub Record 50 - 207 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
	Usage Summary Columns		312-383	GRP	These fields capture the Usage amounts associated with the Price Plan summarized on this record. Currently only Usage Column 1, Usage Column 2 and Usage Column 3 are being used. Generic field names are being used to allow for flexibility. .	
11	Usage Column 1	S9(10)V99	312-323	SDR	Default value is zeroes.	
12	Usage Column 2	S9(10)V99	324-335	SDR	Default value is zeroes.	
13	Usage Column 3	S9(10)V99	336-347	SDR	Default value is zeroes.	
14	Usage Column 4	S9(10)V99	348-359	SDR	Default value is zeroes.	
15	Usage Column 5	S9(10)V99	360-371	SDR	Default value is zeroes.	
16	Usage Column 6	S9(10)V99	372-383	SDR	Default value is zeroes.	
17	Reserved	X(20)	384-403	XDL	Default value is spaces.	
18	Charge Grouping Number of Occurrences	9(2)	404-405	9DR	Number of times the following data fields are repeated for multiple occurrences of similar data. It contains the number of charge groupings & amounts populated in this record. Default value is 01.	
	Charge Grouping		406-561	GRP	The following fields (denoted by @) are multiplied 1 to 12 times depending on the Charge Grouping Number of Occurrences field. Therefore, if this record is populated to capacity, positions 406-561 will display data for 12 charge groupings and Amounts.	
19	@Charge Grouping Identifier	9(2)	406-407	9DR	Code which identifies the type of charge grouping as related to the required display. This field must be populated with one of the values listed below. There is no default value for this field. Valid values: 1 = Monthly Access Charges 2 = Usage and Purchase Charges 3 = Equipment Charges 4 = Verizon Wireless Surcharges and Other Charges & Credits 5 = Taxes, Governmental Surcharges and Fees 6 = Third-Party Charges 7 = Total Charges	
20	@Charge Grouping Amount - \$	S9(9)V99	408-418	SDR	This is the amount to be billed, on the line of the bill identified by the corresponding charge grouping The default value for this field is \$0.00	

### 4.93 Wireless M2M Current Charges Summary by Plan Name by MTN Sub Record 50 – Type Data 208

This record contains the information to display a summary of charges by Cost Center/Price Plan/Prorate Status/MTN for lines participating in an M2M Streamline bill arrangement. It is valid for use only with the 25/00 record.

C T R	Sub Record 50 - 208 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
	CAP		1-175		See 4.2 for CAP definition.	
1	Type Data	9(3)	176-178	9DR	Indicates the type of data carried in the locally defined record or sub-record. Must be populated with value '208'.	
2	Sub Record Version	X(1)	179-179	XDL	This field tracks the current layout of this sub record. Current version is 'A'.	
3	Plan Summary Sequence Number	9(3)	180-182	9DR	This field contains the sequence number assigned to the associated Plan summary record (2550 type 207) and can also be used as a cross reference to other M2M summary records.	
4	Prorate Indicator	X(1)	183-183	XDL	This field indicates if the charges associated with this summary have been prorated. Valid values: ' ' = No Prorated Charges for Plan (default) 'E' = Summary Excludes Prorated Charges 'I' = Summary Includes Prorated Charges	
5	Cost Center	X(36)	184-219	XDL	This field contains the Cost Center identification associated with the mobile numbers included in this summary.	
6	Price Plan ID	X(6)	220-225	XDL	This field contains the Price Plan identifier.	
7	Price Plan Description	X(60)	226-285	XDL	This field contains the description of the Price Plan including the monthly charge and usage allowance.	
8	Number of Lines in Summary	9(9)	286-294	9DR	This field contains the number of MTNs included in this summary record.	
9	User Name	X(50)	295-344	XDL	This field contains the name of the end user at the Service Provider's locations. Default value is spaces.	
10	Usage Allowance Column Text	X(15)	345-359	XDL	This field is used when text is to be displayed in the Usage Allowance column (Usage Column 1 below). Default value is spaces.	
11	Data Unit of Measure	X(2)	360-361	XDL	This field contains the units that the Usage is measured in. Applies to Usage Column 1, Usage Column 2 and Usage Column 3 below. Valid values: ' ' = Not applicable 'KB' = Kilobytes 'MB' = Megabytes	

C T R	Sub Record 50 - 208 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
					'GB' = Gigabytes 'TB' = Terabytes	
	Usage Summary Columns		362-433	GRP	These fields capture the Usage amounts associated with the Price Plan summarized on this record. Currently only Usage Column 1, Usage Column 2 and Usage Column 3 are being used. Generic field names are being used to allow for flexibility. .	
12	Usage Column 1	S9(10)V99	362-373	SDR	Default value is zeroes.	
13	Usage Column 2	S9(10)V99	374-385	SDR	Default value is zeroes.	
14	Usage Column 3	S9(10)V99	386-397	SDR	Default value is zeroes.	
15	Usage Column 4	S9(10)V99	398-409	SDR	Default value is zeroes.	
16	Usage Column 5	S9(10)V99	410-421	SDR	Default value is zeroes.	
17	Usage Column 6	S9(10)V99	422-433	SDR	Default value is zeroes.	
18	Reserved	X(20)	434-453	XDL	Default value is spaces.	
19	Charge Grouping Number of Occurrences	9(2)	454-455	9DR	Number of times the following data fields are repeated for multiple occurrences of similar data. It contains the number of charge groupings & amounts populated in this record. Default value is 01.	
	Charge Grouping		456-611	GRP	The following fields (denoted by @) are multiplied 1 to 12 times depending on the Charge Grouping Number of Occurrences field. Therefore, if this record is populated to capacity, positions 456-611 will display data for 12 charge groupings and Amounts.	
20	@Charge Grouping Identifier	9(2)	456-457	9DR	Code which identifies the type of charge grouping as related to the required display. This field must be populated with one of the values listed below. There is no default value for this field. Valid values: 1 = Monthly Access Charges 2 = Usage and Purchase Charges 3 = Equipment Charges 4 = Verizon Wireless Surcharges and Other Charges & Credits 5 = Taxes, Governmental Surcharges and Fees 6 = Third-Party Charges 7 = Total Charges	
21	@Charge Grouping Amount - \$	S9(9)V99	458-468	SDR	This is the amount to be billed, on the line of the bill identified by the corresponding charge grouping The default value for this field is \$0.00	

### 4.94 Wireless M2M Charges and Usage Summary by Plan Name Sub Record 50 – Type Data 209

This record contains the information to display a “Charges and Usage by Plan” summary by Cost Center/Price Plan/Prorate Status. It is valid for use only with the 25/00 record.

C T R	Sub Record 50 – 209 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
	CAP		1-175		See 4.2 for CAP definition.	
1	Type Data	9(3)	176-178	9DR	Indicates the type of data carried in the locally defined record or sub-record. Must be populated with value '209'.	
2	Sub Record Version	X(1)	179-179	XDL	This field tracks the current layout of this sub record. Current version is 'A'.	
3	Plan Summary Sequence Number	9(3)	180-182	9DR	This field contains the sequence number assigned to the associated Plan summary record (2550 Type 207) and can also be used as a cross reference to other M2M summary records.	
4	Prorate Indicator	X(1)	183-183	XDL	This field indicates if the charges associated with this summary have been prorated. Valid values: ' ' = No Prorated Charges for Plan (default) 'E' = Summary Excludes Prorated Charges 'P' = Summary Includes Prorated Charges	
5	Cost Center	X(36)	184-219	XDL	This field contains the Cost Center identification associated with the mobile numbers included in this summary.	
6	Price Plan ID	X(6)	220-225	XDL	This field contains the Price Plan identifier.	
7	Price Plan Description	X(60)	226-285	XDL	This field contains the description of the Price Plan including the monthly charge and usage allowance.	
8	Number of Lines in Summary	9(7)	286-292	9DR	This field contains the number of MTNs included in this summary record.	
9	Record Type	9(2)	293-294	9DR	Identifies the type of data contained in this record. Valid Values: 1 = Monthly Access Charges 2 = Voice 3 = Data 4 = Messaging 5 = Voice Roaming 6 = Data Roaming 7 = Messaging Roaming	

C T R	Sub Record 50 – 209 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
					8 = Verizon Wireless Surcharges and Other Charges & Credits 9 = Taxes, Governmental Surcharges and Fees 10 = Internet 11 = Private IP	
10	Current/Delayed Billing Indicator	9(1)	295-295	9DR	Identifies whether summary record is current, delayed or unbilled usage from a previous month. Valid values: 0 = Not applicable (default) 1 = Current 2 = Delayed	
11	Summary Charge Description	X(60)	296-355	XDL	This field contains text used to describe a row of data within the Usage Grid display. Examples include Calling Plan, IN Calling, Kilobyte Usage, Roaming Minutes, etc. Default value is spaces.	
12	Number of Lines in Charge Summary	9(7)	356-362	9DR	This field contains the number of MTNs included in this charge summary record.	
13	Usage Type Description	X(15)	363-377	XDL	This field contains the Usage Type unit text displayed for a row of data. Examples include minutes, messages, kilobytes, etc. Default value is spaces.	
14	Usage Allowance Column Text	X(15)	378-392	XDL	This field is used when text is to be displayed in the Usage Allowance column below. Default value is spaces.	
15	Usage Allowance	S9(10)V99	393-404	SDR	The number of units (minutes, messages, kilobytes, etc.) that are included at no additional charge with Your Calling Plan for the billing period. Default value is zeroes.	
16	Usage Used	S9(10)V99	405-416	SDR	The number of units (minutes, messages, kilobytes, etc.) actually used during the billing period. Default value is zeroes.	
17	Usage Billable	S9(10)V99	417-428	SDR	The number of units (minutes, messages, kilobytes, etc.) actually used during the billing period that are above and beyond the allowance. Default value is zeroes.	
18	Data Unit of Measure	X(2)	429-430	XDL	This field contains the units that the Usage is measured in. Valid values: ' ' = Not applicable 'KB' = Kilobytes 'MB' = Megabytes 'GB' = Gigabytes	

C T R	Sub Record 50 – 209 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
					'TB' = Terabytes	
19	Cost	S9(9)V99	431-441	SDR	The dollar amount charged. Default value is zeroes.	
20	M2M Detail Usage Indicator	X(1)	442-462	XDL	This field denotes whether a M2M usage summary record provides additional line item detail to further substantiate the charge. The default value for this field is spaces. Valid values: ' ' = default ' D' = detail charge	
21	Reserved	X(19)	443-461	XDL	The default value for this field is spaces.	



**4.95 Wireless M2M Overage Details Sub Record 50 – Type Data 210**

This record contains the information to be displayed when there are lines with overages that are participating in an M2M streamline bill arrangement. It is valid for use only with the 25/00 record.

C T R	Sub Record 50 – 210 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
	CAP		1-175		See 4.2 for CAP definition.	
1	Type Data	9(3)	176-178	9DR	Indicates the type of data carried in the locally defined record or sub-record. Must be populated with value '210'.	
2	Sub Record Version	X(1)	179-179	XDL	This field tracks the current layout of this sub record. Current version is 'A'.	
3	Cost Center	X(36)	180-215	XDL	This field contains the Cost Center identification associated with the mobile numbers included in this summary.	
4	Current/Delayed Billing Indicator	9(1)	216-216	9DR	Identifies whether overage record is current, delayed or unbilled usage from a previous month. Valid values: 0 = Not applicable (default) 1 = Current 2 = Delayed	
5	Overage Type Indicator	9(2)	217-218	9DR	Identifies the type of information contained in the record. There is no default value for this field. Valid values: 2 = Voice usage 3 = Data usage 4 = Messaging 10 = Roaming 11 = Purchases 12 = Third-Party Charges	
6	Purchase Type Indicator	X(1)	219-219	XDL	This fields indicates whether the purchase was made from Verizon Wireless or another vendor. ' ' = Not applicable (default) '1' = Purchase from Verizon Wireless '2' = Purchase from Other Vendor	
7	User Name	X(50)	220-269	XDL	This field contains the name of the end user at the Service Provider's locations. Default value is spaces.	
8	Description 1	X(50)	270-319	XDL	This field contains the text for the highest level descriptive information for a charge.	

C T R	Sub Record 50 – 210 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
					Examples for usage are Calling Plan, IN Calling, Kilobyte Usage, Roaming Minutes, etc. Examples for Purchases are “Verizon App” or “Mobile Billing”, etc. Examples for Third-Party Charges are “Mission Foods Dallas”, etc. There is no default value for this field.	
9	Description 2	X(50)	320-369	XDL	This field contains text for the secondary descriptive information for a charge. This is not populated for Usage. Examples for Purchases are be “Heart & Spades by Verizon”, “WEBZEN-100_Wcoin”, etc. An example for Third-Party Charges is “RouteTracker. Default value is spaces.	
10	Informational TaxText	X(40)	370-409	XDL	This field contains the text associated with the informational taxtype and amount to be displayed with Purchase information. Default value is spaces.	
11	Vendor Name/Contact Number	X(60)	410-469	XDL	This field contains the vendor name and contact information associated with Purchases or Third-Party Changes when available. Default value is spaces.	
12	Usage Allowance Column Text	X(15)	470-484	XDL	This field is used when text is to be displayed in the Usage Allowance column. Default value is is to spaces.	
13	Usage Allowance	S9(10)V99	485-496	SDR	The number of units (minutes, messages, kilobytes, etc.) that are included at no additional charge with Your Calling Plan for the billing period. Default value is zeroes.	
14	Usage Used	S9(10)V99	497-508	SDR	The number of units (minutes, messages, kilobytes, etc.) actually used during the billing period. Default value is zeroes.	
15	Usage Billable	S9(10)V99	509-520	SDR	The number of units (minutes, messages, kilobytes, etc.) actually used during the billing period that are above and beyond the allowance. Default value is zeroes.	
16	Data Unit of Measure	X(2)	521-522	XDL	This field contains the units that the Usage is measured in. Applies to Usage Column 1, Usage Column 2 and Usage Column 3 below. Valid values: ‘ ‘ = Not applicable ‘KB’ = Kilobytes ‘MB’ = Megabytes ‘GB’ = Gigabytes ‘TB’ = Terabytes	
17	Cost	S9(9)V99	523-533	SDR	The dollar amount charged. Default value is zeroes.	

C T R	Sub Record 50 – 210 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
18	PurchaseDate	9(6)	534-539	9DR	Date purchase was made. This applies to Purchase-type records only. Format is YYMMDD. Default value is zeroes.	
19	Third-Party Charges Taxes Governmental Surcharges and Fees	S9(5)V99	540-546	SDR	This field contains the Taxes, Governmental Surcharges and fees as associated with Third-Party Charges. Default value is zeroes.	
20	Third-Party Charges VzW Surcharges	S9(5)V99	547-553	SDR	This field contains the Verizon Wireless Surcharges associated with Third-Party Charges. Default value is zeroes.	
21	Usage Billable Symbol Indicator	X(1)	554-554	XDL	Identifies whether the Usage Billable display uses an asterisk (*) to reference a section footnote. Default value for this field is space. Valid values: ' ' = Symbol is not needed (default) 'Y' = Symbol (*) must be displayed.	
22	Reserved	X(24)	555-578	XDL	The default value for this field is spaces.	

### 4.96 Conferencing Event Sub Record Number 50 Type Data 301

This record will be used to capture event level audio and video conferencing details. This sub record is valid only for the 64/00 record. Only one instance of this record should be attached to one 64/00 record.

C T R	Sub Record 50 - 301 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
	CAP		1-175		See 4.2 for CAP definition.	
1	Type Data	9(3)	176-178	9DR	Indicates the type of data carried in the locally defined record or sub-record. Must be populated with value '301'.	
2	Event ID	9(11)	179-189	9DR	Unique conference identifier. The default value for this field is zeroes.	
3	Order Number	X(15)	190-204	XDL	Conference Order Number. The default value for this field is spaces.	
4	Customer Reference Value	X(25)	205-229	XDL	Customer Reference Value. The default value for this field is spaces.	
5	Host Facility ID	X(15)	230-244	XDL	Unique identifier for video conference location. The default value for this field is spaces.	
6	Host Facility Name	X(65)	245-309	XDL	Video conference location Name, The default value for this field is spaces.	
7	Conference Type	X(2)	310-311	XDL	Type of conference. The default value for this field is spaces. Sample of possible values: M = Video N = Net Conference S = SSL Net Conference	
8	Moderator ID	X(10)	312-321	XDL	Moderator identifier. The default value for this field is spaces.	
9	Moderator First Name	X(15)	322-336	XDL	Moderator First Name. The default value for this field is spaces.	
10	Moderator Initial	X(1)	337-337	XDL	Moderator Middle Initial. The default value for this field is space.	
11	Moderator Last Name	X(20)	338-357	XDL	Moderator Last Name. The default value for this field is spaces.	
12	Moderator Salutation	X(4)	358-361	XDL	Moderator Salutation (ex. Mr., Mrs. etc.). The default value for this field is spaces.	
13	Moderator Phone	X(25)	362-386	XDL	Moderator Phone Number.	

C T R	Sub Record 50 - 301 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
	Number				The default value for this field is spaces.	
14	Contact ID	X(10)	387-396	XDL	Conference charges contact identifier. The default value for this field is spaces.	
15	Contact First Name	X(15)	397-411	XDL	Contact First Name. The default value for this field is spaces.	
16	Contact Initial	X(1)	412-412	XDL	Contact Middle Initial. The default value for this field is space.	
17	Contact Last Name	X(20)	413-432	XDL	Contact Last Name. The default value for this field is spaces.	
18	Contact Salutation	X(4)	433-436	XDL	Contact Salutation (ex. Mr., Mrs. etc.). The default value for this field is spaces.	
19	Contact Phone Number	X(25)	437-461	XDL	Contact Phone Number. The default value for this field is spaces.	
20	Invoice Exchange Rate	S9(8)V9(9)	462-478	SDR	Invoice Exchange Rate. The default value for this field is zeroes.	
21	Tax Exchange Rate	S9(8)V9(9)	479-495	SDR	Tax Exchange Rate. The default value for this field is zeroes.	
22	Reserved By Name	X(45)	496-540	XDL	Name of conference requestor. The default value for this field is spaces	
23	Reserved By Phone Number	X(25)	541-565	XDL	Conference requestor Phone Number. The default value for this field is spaces	
24	Reserved Date	X(6)	566-571	XDL	Date reserved for the conference. Valid format is YYMMDD. The default value for this field is spaces	
25	Reserved Time	X(6)	572-577	XDL	Time reserved for conference. Valid format is HHMMSS. The default value for this field is spaces	
26	Reserved Usage Amount	9(10)	578-587	9DR	Reserved conference duration. The default value for this field is zeroes.	
27	Reserved Unit Type	X(10)	588-597	XDL	Reserved conference duration unit of measure (ex. minutes, hours, days, etc.) The default value for this field is spaces.	
28	Order Contact Name	X(45)	598-642	XDL	Contact Name associated with the Order Number. The default value for this field is spaces.	
29	Subscription ID	X(15)	643-657	XDL	Subscription ID. The default value for this field is spaces.	
30	Currency Code	X(3)	658-660	XDL	Code to represent the currency of choice for a customer's bill.	

C T R	Sub Record 50 - 301 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
					In currency conversion scenarios, this field contains the convert from conversion code. The default value for this field is spaces. For a list of valid values see the field Currency Code in the International Invoice Account Information Module 027 documented in Appendix A.	
31	Filler	X(47)	661-707	XDL	The default value for this field is spaces.	

### 4.97 Conferencing Event Sub Record Number 50 Type Data 302

This record will be used to capture detail or leg level audio and video conferencing details. This sub record is valid only for the 64/00 record. Multiple instances of this sub record may be attached to one 64/00 record.

C T R	Sub Record 50 - 302 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
	CAP		1-175		See 4.2 for CAP definition.	
1	Type Data	9(3)	176-178	9DR	Indicates the type of data carried in the locally defined record or sub-record. Must be populated with value '302'.	
2	Event ID	9(11)	179-189	9DR	Unique conference identifier. The default value for this field is zeroes.	
3	Order Number	X(15)	190-204	XDL	Conference Order Number. The default value for this field is spaces.	
4	Product Identifier	X(10)	205-214	XDL	Product Charge Code. The default value for this field is spaces.	
5	Product Description	X(50)	215-264	XDL	Product Charge Code description. The default value for this field is spaces.	
6	Conference Category	X(5)	265-269	XDL	Conference Category. The default value for this field is spaces. Sample of possible values: METER = Metered N-CON = Net Conference N-MET = Non-Metered	
7	Net Conference Service Code	X(1)	270-270	XDL	Identifies whether a Service Code is associated with a Net Conference. The default value for this field is space. Valid values: Y = Net Conferencing Code N = Not a Net Conferencing Code	
8	Conference Leg Start Date	X(6)	271-276	XDL	Start Date of an individual conference Leg. Valid format is YYMMDD. The default value for this field is spaces.	
9	Conference Leg Start Time	X(6)	277-282	XDL	Start Time of an individual conference Leg. Valid format is HHMMSS. The default value for this field is spaces.	
10	Application Number	X(15)	283-297	XDL	Application Number. The default value for this field is spaces	
11	Band Identifier	9(11)	298-308	9DR	Country Identifier. The default value for this field is zeroes	

C T R	Sub Record 50 - 302 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
12	Band Description	X(50)	309-358	XDL	Country Description. The default value for this field is spaces.	
13	Call Type	X(5)	359-363	XDL	Call Type code. The default value for this field is spaces. Sample of possible values: DO MM MMIP CPRO CSAL CSALS CSTA CSTAS DA DASSL ECCOM EECOM EEPRO EETRS EVE EVES LMPRO LMSTA MMCOM MPRO MPROS MSTA MSTAS PA PASSL PR PRO PROS PRSSL STA STAS	



C T R	Sub Record 50 - 302 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
					SUP SUPS TRS TRSS	
14	Call Description	X (50)	364-413	XDL	Text translation of Call Type codes, which are included below only for reference. Call Type will not be populated in this field. The default value for this field is spaces. Sample of possible values: Audio Dial-Out = DO Audio Meet Me = MM Audio IP Meet Me = MMIP Cust Net WX Meeting Center PRO NON-SSL = CPRO Cust Net WX Sales Center NON-SSL = CSAL Cust Net WX Sales Center SSL = CSALS Cust Net WX Meeting Center STD NON-SSL = CSTA Cust Net WX Meeting Center STD SSL = CSTAS Net Conference NON-SSL Service = DA Net Conference SSL Service = DASSL Cust Net WX Event Center Committed Minutes SSL = ECCOM Net Conference WebEx Committed Minutes SSL Service = EECOM Fleet Meeting Center = EEPRO Fleet Training Center = EETRS SB Event Center -Non SSL = EVE SB Event Center -SSL = EVES Cust Net LM Pro SSL = LMPRO Cust Net LM Std SSL = LMSTA Net Conference Mid-Market Live Meeting Service = MMCOM MB Mins Meeting Center -Non SSL = MPRO MB Mins Meeting Center -SSL = MPROS MB Meeting Center -Non SSL = MSTA MB Meeting Center -SSL = MSTAS Net Conference NON-SSL Service = PA Net Conference SSL Service = PASSL Net Conference Placeware Presenter NON-SSL Service = PR SB Meeting Center -Non SSL = PRO SB Meeting Center -SSL = PROS	

C T R	Sub Record 50 - 302 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
					Net Conference Placeware Presenter SSL Service = PRSSL SB Standard Center -Non SSL = STA SB Standard Center -SSL = STAS SB Support Center -Non SSL = SUP SB Support Center -SSL = SUPS SB Training Center -Non SSL = TRS SB Training Center -SSL = TRSS	
15	Toll Free Indicator	X(1)	414-414	XDL	Identifies whether the Leg is a Toll Free call. The default value for this field is space. Valid values: Y = Toll Free Call N = Toll Call	
16	International Indicator	X(1)	415-415	XDL	Identifies whether the Leg is an International call. The default value for this field is space. Valid values: Y = International Call N = Domestic Call	
17	Net Conference Type	X(1)	416-416	XDL	Net Conference Type. The default value for this field is space. Valid values: I = Instant R = Reserved	
18	Net Conference Vendor	X(1)	417-417	XDL	Net Conference Vendor. The default value for this field is spaces. Valid values: P = Microsoft Live Meeting (Placeware) W = WEBEX	
19	Charge Type Code	X(1)	418-418	XDL	Charge type code. The default value for this field is space. Valid values: 'A' = Adjustment 'D' = Discount 'N' = Non-Recurring 'P' = Promotion 'R' = Recurring 'U' = Usage	

C T R	Sub Record 50 - 302 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
20	Jurisdiction Code	X(1)	419-419	XDR	A code that identifies the proper tariff jurisdictions (where applicable) of a charge or credit. The default value for this field is spaces. Valid values: '0' = Non-jurisdictional '1' = Interstate '2' = Intrastate '3' = Intrastate/IntraLATA '4' = Interstate/IntraLATA '5' = Local '6' = Intrastate/InterLATA '7' = Interstate/InterLATA  The domain values above should be kept in-sync with the equivalent field in these four records: 65/00, 70/00, 71/00 and Sub-Record 50 – 302.	
21	Reserved	X(23)	419-441	XDL	The default value for this field is spaces.	
22	Net Conference Allocated Units	9(10)	442-451	9DR	Net Conference Allocated Units. The default value for this field is spaces.	
23	DNIS	X(20)	452-471	XDL	Conference bridge phone number. The default value for this field is spaces.	
24	ANI	X(20)	472-491	XDL	Customer phone number. The default value for this field is spaces.	
25	MailboxName	X(30)	492-521	XDL	Telemanagement MailboxName. For video conferences only. The default value for this field is spaces.	
26	Participant Name	X(30)	522-551	XDL	Participant Name. The default value for this field is spaces.	
27	List Number	X(20)	552-571	XDL	Telemanagement Number. The default value for this field is spaces.	
28	Facility Identifier	9(15)	572-586	9DR	Leg Video Facility ID. The default value for this field is zeroes.	
29	Facility Name	X(50)	587-636	XDL	Leg Video Facility Name. The default value for this field is spaces.	
30	Quantity	9(10)	637-646	9DR	Telemanagement Quantity. Used for Non-Measured services. The default value for this field is zeroes.	
31	Usage Unit Type	X(5)	647-651	XDL	Conference Leg detail unit of measure. The default value for this field is spaces.	

C T R	Sub Record 50 - 302 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
32	Customer Specific Information	X(225)	652-876	XDL	Customer-provided field populated with invoice display information. The default value for this field is spaces.	
33	Video Header	X(40)	877-916	XDL	Header for Video charges. The default value for this field is spaces. Sample of possible values: Adjustments Bridge Port Gateway Monthly Services Setup Fees Transcoding Transport Value Added	
34	Video Header Description	X(50)	917-966	XDL	Video Header Description. The default value for this field is spaces.	\
35	Transaction Code	X(2)	967-968	XDL	Transaction Code. The default value for this field is spaces. Valid values : CR = Credit Request DR = Debit Request OR = Original Transaction	\
36	Rate Type	X(5)	969-973	XDL	Rate Type. The default value for this field is spaces. Sample of possible values: SIMPL = Simple Rate TIER = Tiered Rate	\
37	Rate Period	X(5)	974-978	XDL	Rate Period. The default value for this field is spaces. Sample of possible values: ALL DISC ECON OPEAK PEAK STD	\
38	Service Rate Additional	S9(6)V9(9)	979-993	SDR	Rate for additional increments.	

C T R	Sub Record 50 - 302 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
					The default value for this field is zeroes.	
39	Transfer Rate Additional	S9(6)V9(9)	994- 1008	SDR	Additional Transfer Rate. The default value for this field is zeroes.	
40	Tariff Adjustment Percent	S9(6)V9(9)	1009- 1023	SDR	Tariff Adjustment Percent. The default value for this field is zeroes.	
41	Rate Unit Quantity	9(5)	1024- 1028	9DR	Rate Unit Quantity. The default value for this field is zeroes.	
42	Rate Unit Quantity Type	X(5)	1029- 1033	XDL	Rate unit of measure. The default value for this field is spaces.	
43	Billed Usage	9(10)	1034- 1043	9DR	Billed Usage. The default value for this field is zeroes.	
44	Service Charges	S9(9)V9(9)	1044- 1061	SDR	Service Charges. The default value for this field is zeroes.	
45	Transport Charge	S9(9)V9(9)	1062- 1079	SDR	Transport Charge. The default value for this field is zeroes.	
46	Video Channel	X(10)	1080- 1089	XDL	Video Channel. The default value for this field is spaces.	
47	Originating City, Country, or Service Event	X(20)	1090- 1109	XDL	Originating City or Country. Singleview is the only system which will populate this field with a Service Event in addition to Originating City and/or Country when applicable. The default value for this field is spaces.	
48	Originating State	X(2)	1110- 1111	XDL	State where circuit originated. The default value for this field is spaces.	
49	Originating Country Code	X(3)	1112- 1114	XDL	International Country Code associated with a circuit that originates internationally. The value provided here is decoded via a 95/00 record and is not necessarily an ISO value. The default value for this field is spaces.	
50	Terminating City, Country or Service Event	X(20)	1115- 1134	XDL	City or Country called. Singleview is the only system which will populate this field with a Service Event in addition to Terminating City and/or Country when applicable. The default value for this field is spaces.	
51	Terminating State	X(2)	1135- 1136	XDL	State where circuit terminated. The default value for this field is spaces.	
52	Terminating Country Code	X(3)	1137- 1139	XDL	International Country Code associated with a circuit that terminates internationally. The value provided here is decoded via a 95/00 record and is not necessarily an ISO value.	

C T R	Sub Record 50 - 302 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
					The default value for this field is spaces.	
53	Network Origination / Termination Code	X(1)	1140- 1140	XDL	Network Origination /Termination Code is used to communicate how the CDR was originated and terminated. When only one side of the connection is known, the appropriate values are provided. The default value for this field is space. Valid values: 'A' = Local Network to Local Network 'B' = Local Network to Dedicated 'C' = Local Network to Switched Access 'D' = Dedicated to Local Network 'E' = Switched Access to Local Network 'F' = Switched Access to Switched Access 'G' = Dedicated to Dedicated 'H' = Switched Access to Dedicated 'I' = Dedicated to Switched Access 'J' = Local Network to Mobile 'K' = Switched Access to Mobile 'L' = Dedicated to Mobile 'N' = Mobile to Local Network 'O' = Mobile to Switched Access 'P' = Mobile to Dedicated 'Q' = Local Originating 'R' = Dedicated Originating 'S' = Switched Originating 'T' = Local Termination 'U' = Dedicated Termination 'V' = Switched Termination 'W' = Local to Verizon Wireless 'X' = Switched to Verizon Wireless 'Y' = Dedicated to Verizon Wireless	
54	Discount Amount	S9(9)V99	1141- 1151	SDR	Discount amount for the call or usage charge (when applicable). The default value of this field is zeroes.	
55	Pay Phone Use Charge	S9(4)V99	1152- 1157	SDR	Pay Phone Use Charge. The default value for this field is zeroes.	

**4.98 NextGen Billing Solution Specification Sub Record 50 – Type Data 303**

This sub record provides Solution ID and Solution Name for product groupings within a quote. One sub record is attached to a 25/00 record for each solution on the account. Each detail charge record associated with the 25/00 record must include a Module 077 (Supplemental Data Identifier Code set to '219') with a Solution ID that matches the value on this sub record.

C T R	Sub Record 50 - 303 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
	CAP		1-175		See 4.2 for CAP definition.	
1	Type Data	9(3)	176-178	9DR	Indicates the type of data carried in the locally defined record or sub-record. Must be populated with value '303'.	
2	Solution ID	X(30)	179-208	XDL	Identifier assigned to product grouping within a quote. Value should match Solution ID populated in the Module 077 Supplemental Data Identifier field at the detail charge record level. The default value for this field is spaces.	
3	Solution Name	X(110)	209-318	XDL	The default value for this field is spaces.	
4	MultiLocation Indicator	X(1)	319-319	XDL	This field is used to indicate if multiple addresses are associated with the solution. The default value for this field is spaces. Valid values are: 'Y' = MultiLocation Solution 'N' = Single Location Solution	
5	Filler	X(49)	320-368	XDL	The default value for this field is spaces.	

### 4.99 NextGen Billing Product Specification Sub Record 50 – Type Data 304

This sub record provides Product Specification information on the 25/00 record for solution-level attributes or the 71/00 record for charge-level attributes.

C T R	Sub Record 50 - 304 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
	CAP		1-175		See 4.2 for CAP definition.	
1	Type Data	9(3)	176-178	9DR	Indicates the type of data carried in the locally defined record or sub-record. Must be populated with value '304'.	
2	Solution ID	X(30)	179-209	XDL	The default value for this field is spaces.	
3	Product Specification Area Number of Occurrences	9(2)	209-210	9DR	Number of times the following data fields are repeated for multiple occurrences of similar data. The default value for this field is 00. Valid values: 00 thru 10.	
	Product Specification Area		211-1720		The following fields (denoted by @) are multiplied 0 to 10 times depending on the Product Specification Area Number of Occurrences field.	
4	@Product Specification Type	X(5)	211-215	XDL	Identifies the type of Product Specification. The default value for this field is spaces. Sample of valid values: 1 = Circuit speed	
5	@Product Specification Description	X(50)	216-265	XDL	Text description of the Product Specification. The default value for this field is spaces.	
6	@Product Specification Value	X(50)	266-315	XDL	Value of the Product Specification. The default value for this field is spaces.	
7	@Invoice Indicator	X(1)	316-316	XDL	Indicates whether Production Specification should be displayed on the invoice. Valid values: ' ' = Not displayed on invoice (default) 'I' = Displayed on invoice	
8	@Sequence Number	9(3)	317-319	9DR	Identifies the proper sequence for Product Specification invoice display. Populated only if Invoice Indicator is set to 'I'. The default value for this field is spaces.	
9	@Product Specification Code	X(32)	320-351	XDL	Value of the Product Specification Code The default value for this field is spaces.	
10	@Product Level Code	X(1_	352-352	XDL	<b>This field identifies what level the specification applies to.</b>	



C T R	Sub Record 50 - 304 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
					<b>Valid values are :</b> <b>P= Product/Service Level</b> <b>F= Feature level</b> <b>S= Solution level</b>	
11	@Filler	X(9)	353-361	XDL	The default value for this field is spaces.	

**4.100 Next Gen Billing LATAM Supplemental Data Sub Record 50 – Type Data 305**

This record provides supplemental data that is required to be on the paper invoice for LATAM countries such as Argentina and Brazil. This sub record is valid only for the 10/00 record.

C T R	Sub Record 50 - 305 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
	CAP		1-175		See 4.2 for CAP definition.	
1	Type Data	9(3)	176-178	9DR	Indicates the type of data carried in the locally defined record or sub-record. Must be populated with value '305'.	
2	Invoice Type	X(1)	179-179	XDL	This field contains an indicator to drive the different pre-printed forms required in EMEA countries. The default value for this field is a space. The valid values are: 'A' = Argentina Form A 'B' = Argentina Form B 'C' = SP Telecom Services 'D' = SP Rental Local 'E' = Argentina Form E 'F' = RDJ Other Services 'G' = Santa Cantarina 'H' = RDJ CPE Resale '1' = Terremark Other Services (Brazil) '2' = Terremark CPE resale (Brazil) '3' = Terremark Rental Services (Brazil) '4' = SP CPE Resale (Brazil) '5' = RDJ CPE Rental (Brazil) '6' = RDJ Telecommunication Service (Brazil) '7' = SP Other Service (Brazil) '9' = Colombia Terremark	
3	State Tax Id	X(20)	180-199	XDL	State Tax Id required for display on Invoice for Brazil Telecommunication services. The default value for this field is spaces.	
4	Municipal Tax ID	X(20)	200-219	XDL	Municipal Tax Id required for display on Invoice for Brazil Telecommunication services. The default value for this field is spaces.	
5	Physical Operation Code	X(05)	220-224	XDL	Tax Code of Operations and Benefits. This field must be displayed in Brazil Telecommunication Services Invoices.	

C T R	Sub Record 50 - 305 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
					The default value for this field is spaces.	
6	Total amount Text Format	X(200)	225-424	XDL	The text description for the total amount due in the local language. The default value for this field is spaces.	
7	Hash Number	X(40)	425-464	XDL	Hash Number required to be displayed on paper invoices in Brazil. The default value for this field is spaces.	
8	Tax Category	X(2)	465-466	XDL	Required to drive Tax description on paper invoice for LATAM invoices to English translation. Values '08' - '14' relate to Argentina. Values '16' - '21' relate to all other LATAM countries. Valid values are: ' ' = spaces '08' = IVA Responsable Inscripto Tax payer '09' = Responsable Monotributo Monotax '10' = IVA no Responsable Non tax payer '11' = IVA Sujeto Exento Exempt '12' = Consumidor Final End consumer '13' = IVA Responsable no Inscripto Not categorized consumer '14' = Cliente del Exterior Foreign End Consumer '16' = Proveedor del Exterior Foreign supplier '17' = IVA Responsable Inscripto - Agente de Percepción Tax payer - perception agent '18' = IVA Liberado - Ley N° 19.640 VAT released Law 19640 '19' = RComun- Comercializadora Common Regime - Supplier '20' = IVA Responsable Inscripto Tax payer '21' = IVA no Responsable	

C T R	Sub Record 50 - 305 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
					Non tax payer	
9	From Date	9(6)	467-472	9DR	This is the start date of the effective taxable period. A valid From Date MUST be provided. Valid Format is YYMMDD	
10	To Date	9(6)	473-478	9DR	This is the end date of the effective taxable period. A valid From Date MUST be provided. Valid Format is YYMMDD	
11	Original Invoice Sequence Number	X(25)	479-503	XDL	This is the original invoice sequence number for a credit. Required for Colombia. The default value for this field is spaces.	
12	Business Type	X(25)	504-528	XDL	This is the business type and is required by law for Chile. The default value for this field is spaces.	
13	CST	9(3)	529-531	9DR	Origination of equipment code. Required for Brazil. First digit relates to the origination of the equipment. Second and third digits are used in the tax calculation. The default value for this field is zeros.	
14	Company State ID	X(20)	532-551	XDL	This is the state that Verizon is providing the service in. Required for Brazil. The default value for this field is spaces.	
15	Credit Note Indicator	X(2)	552-553	XDL	Indicator for a Credit Note. Required for LATAM. The default value for this field is spaces.	
16	USD Conversion Factor	9(4)V9(8)	554-565	9DR	Billed currency to US Dollar conversion factor. The default value for this field is zeros.	
17	Original Conversion Rate - LATAM	9(4)V9(8)	566-577	9DR	Used for Exchange rate fluctuation message, which is related to PB-Currency. The default value for this field is zeros. Valid format is 9(4)V9(8)	
18	Original Invoice Amount - LATAM	S9(11)V99	578-590	SDR	Used for Invoice messages. The default value for this field is zeros. Valid format is S9(11)V99	
19	Invoice Change Indicator	X(1)	591-591	XDL	Used for Invoice messages. Valid values are: ' ' = space 'R' = Rebill 'M' = Modify 'C' = Cancel 'E' = Exchange Rate Fluctuation - LATAM	
20	Billed Conversion Rate	9(4)V9(8)	592-603	9DR	Contains the Conversion Rate used for the Bill, which is related to PB-Currency. The default value for this field is zeros.	

C T R	Sub Record 50 - 305 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
					Valid format is 9(4)V9(8)	
21	Adjusted Invoice Amount	S9(11)V99	604-616	SDR	Contains the adjusted invoice amount for Chile. The default value for this field is zeros. Valid format is S9(11)V99	
22	LATAM Suppress Message Indicator	X(1)	617-617	XDL	Contains the LATAM Suppress Message Indicator. The default value for this field is a space. Valid values: 'Y' = Suppress	
23	CAE Number	X(14)	618-631	XDL	CAE Number The default value for this field is spaces.	
24	CAE Due Date	X(8)	632-639	9DR	CAE Due Date YYYYMMDD The default value is zero	
25	LATAM Payment Method	X(50)	640-689	XDL	Payment method for LATAM account in Text format Default value is spaces	
26	LATAM Payment Account	X(30)	690-719	XDL	Payment Account value in text format Default value is spaces	
27	LATAM Vendor Number	X(30)	720-749	XDL	Vendor Number for display on LATAM invoice Default value is spaces	
28	Digital Signature Hash Key	X(50)	750-799	XDL	Digit Signature Hash Key used for Peru Default value is Spaces.	
29	Document type	X(2)	800-801	XDL	Customer Document type used for Peru Q code Default value is spaces Valid value are '00' and '06	

### 4.101 Component Data Record Sub Record 50 – Type Data 710

This record is a Product/Circuit Component Sub record. Used as a sub record to a 71/00 when a product/circuit has a component. Link to the 71/00 record is based on the circuit identifier.

C T R	Sub Record 50 – 710 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
	CAP		1-175		See 4.2 for CAP definition.	
1	Type Data	PIC 9(3)	176-178	9DR	Indicates the type of data carried in the locally defined record or sub-record. Must be populated with value '710'.	
2	Circuit Identifier	PIC X(42)	179-220	XDL	Unique circuit Identifier The default Value for this field is spaces.	
3	Component Number	PIC X(15)	221-235	XDL	Unique number identifying component The default value for this field is spaces.	
4	PVC Speed	PIC 9(8)V99	236-245	SDR	Permanent Virtual Connection speed, recorded in Kbps. fMCI application Singleview populates speeds in this field as Kbps multiplied by ten. The default value for this field is zeroes.	
5	Reserved	PIC X(1)	246-246	XDL	The default value for this field is spaces.	
6	Component Originating NPA	PIC X(3)	247-249	XDL	Component Originating Area Code The default value for this field is spaces.	
7	Component Originating NXX	PIC X(3)	250-252	XDL	Component Originating Central Office The default value for this field is spaces.	
8	Component Originating DLCI	PIC X(11)	253-263	XDL	Component Originating Data Link Connection ID The default value for this field is spaces.	
9	Component Terminating NPA	PIC X(3)	264-266	XDL	Component Terminating Area Code The default value for this field is spaces.	
10	Component Terminating NXX	PIC X(3)	267-269	XDL	Component Terminating Central Office The default value for this field is spaces.	
11	Component Terminating DLCI	PIC X(11)	270-280	XDL	Component Terminating Data Link Connection ID The default value for this field is spaces.	
12	Component Speed	PIC 9(13)V99	281-295	SDR	Circuit/Port Line Component Speed as Kbps times 10 (14.4 Kbps is 144) Exception: IBRS populates Circuit/Port Line Component Speed in Kbps.	

C T R	Sub Record 50 – 710 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
					The default value for this field is zeroes.	
13	ComponentSpeedLiteral Code	PIC X(1)	296-296	XDL	Valid values: ' ' = default '1' = CIR '2' = Peak Cell Rate '3' = Sustained Cell Rate '4' = PIP Connection '5' = vBNS Connection '6' = Standard QoS '7' = EF Real Time CAR '8' = Premium QoS '9' = COS5 Real Time Connection 'A' = Multicasting CAR	
14	Reserved	PIC X(14)	297-310	XDL	Reserved. The default value for this field is spaces.	
15	ComponentSettlement Code	PIC X(2)	311-312	XDL	International/Intra-country indicator Valid values: ' ' = default '1' = Metro '2' = Frame Interworking/ATM Interworking '3' = Standard '4' = Intl Intra-County '5' = Dynamic '6' = Internet Service Provider '7' = Internet '8' = Digital Gateway 'IA' = Intrastate 'IR' = Interstate	
16	ComponentService Type Code	PIC X(1)	313-313	XDL	A code that defines the type of circuit service or on-net/off-net service type. Valid values: ' ' = default 'B' = BACKUP 'C' = CONTROL 'D' = DROP	

C T R	Sub Record 50 – 710 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
					'N' = NNI 'S' = STANDARD '1' = ON-NET '2' = SECONDARY = a secondary PVC '3' = OFF-NET	
17	ComponentTypeCode	PIC X(1)	314-314	XDL	Defines type of component. Values are : '' = default 'A' = Ethernet Virtual Private Line (EVPL) 'C' = CPE 'E' = EVC 'I' = PIP 'L' = LAC 'O' = IOC 'P' = PVC 'V' = VLAN ID	
18	ComponentService Type	PIC X(15)	315-329	XDL	Text literal that identifies the circuit component type of service. The default value for this field is spaces.	
19	ComponentCIR/Non-DEDelivered Megabytes	PIC 9(9)V9	330-339	SDR	Total megabytes delivered thru Component The default value for this field is zeroes.	
20	Component Discard Eligible Delivered Megabytes	PIC 9(9)V9	340-349	SDR	Total Discard Eligible delivered thru component The default value for this field is zeroes.	
21	Component Attribute Text	PIC X(15)	350-364	XDL	Text that describes components such as 'auto redirect'. The default value for this field is spaces.	
22	Component Attribute ID	PIC X(15)	365-379	XDL	Identifier associated with component attribute. The default value for this field is spaces.	
23	BAN Number for Component	PIC X(10)	380-389	XDL	Billing Account Number for Circuit component. Contains the originating system account number when data is sent Will differ from billed account number. (note: not used for NCBS or IXplus. Expected to be used for Singleview). The default value for this field is spaces.	
24	Destination Circuit ID/Domain ID	PIC X(15)	390-404	XDL	Destination Circuit Identifier/Domain ID for VPLS service The default value for this field is spaces.	
25	Component Class of Service	PIC X(1)	405-405	XDL	Valid values: '' = default '1' = Variable Bit Rate Non Real-Time	



C T R	Sub Record 50 – 710 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
					'2' = Variable Bit Rate Real-Time '3' = Constant Bit Rate '4' = Unspecified Bit Rate '5' = Available Bit Rate '6' = Variable Frame Rate Non Real-Time '7' = Variable Frame Rate Real-Time '8' = Unspecified Frame Rate	
26	Component Pricing Option Indicator	PIC X(1)	406-406	XDL	Valid values: ' ' = default 'U'=Usage 'R'=Usage 'F'=Fixed	
27	Component Connection Speed	PIC 9(8)V99	407-416	SDR	Component connection speed in kbps. The default value for this field is zeroes.	
28	Component EF Real Time CAR Speed	PIC 9(8)V99	417-426	SDR	EF Real Time CAR speed in kbps. The default value for this field is zeroes.	
29	Component Peak Cell Rate/PIR	PIC 9(9)V9	427-436	SDR	Peak Cell Rate in kbps. Will contain PIR for circuit components. The default value for this field is zeroes.	
30	Component Sustained Cell Rate	PIC 9(9)V9	437-446	SDR	Sustained Cell Rate in kbps. The default value for this field is zeroes.	
31	Component IP Multicasting Speed	PIC 9(8)V99	447-456	SDR	IP Multicasting speed in kbps. The default value for this field is zeroes.	
32	Component Effective Date	PIC 9(6)	457-462	9DR	Date the item was originally placed in service, or billing commenced for the item. The format for this field is YYMMDD. The default value for this field is zeroes.	
33	Component Origination CLI	PIC X(8)	463-470	XDL	Originating End Office Code The default value for this field is spaces.	
34	Reserved	PIC X(8)	471-478	XDL	The default value for this field is spaces.	
35	Component Access Term	PIC 9(3)	479-481	9DR	Access term in months. The default value for this field is zeroes.	
36	Quality of Service	PIC X(1)	482-482	XDL	' ' = Default 'B' = Best Effort 'P' = Standard 'Q' = Enhanced Traffic Management 'D' = Disaster Recovery	

C T R	Sub Record 50 – 710 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
					'Y' = Disaster Recovery	
37	Reserved	PIC X(24)	483-506	XDL	The default value for this field is spaces.	
38	Circuit Component Address Number of Occurrences	PIC 9(2)	507-508	9DR	This is the number of times the following data fields are repeated for multiple occurrences of similar data. The default value is 00. Valid values: 00 through 10	
	Circuit Component Address Area		509-578		The following fields (denoted by @) are populated 0 to 10 times depending on the Bill Verification Address Number of Occurrences field.	
39	@Address Category Indicator	PIC X(1)	509-509	XDL	This is a code used to indicate the name and address category. This field directly corresponds to the Category Indicator field that appears on the xx/10 record. It is to be used as a cross-reference to associate a 70/00 record with the address that appears on a 70/10 record. This field must be populated with one of the values listed below. There is no default of spaces for this field. Valid values: ' ' = default 'E' = Circuit Originating Address 'F' = Circuit Termination Address 'G' = Circuit Component Originating Address 'H' = Circuit Component Terminating Address 'T' = Site Address 'J' = Location Origination Address 'K' = Location Origination Address	
40	@Address Sequence Code	PIC 9(6)	510-515	9DR	A uniquely assigned code used to associate 10 Sub Records to associated 70/00 records for one or more products.  This code should be uniquely assigned per category per address.  One or more 70/00 records may be associated to 10 Sub Record via the address sequence code.  It should only be populated on 70/10 records.	

C T R	Sub Record 50 – 710 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
					<p>The default value for this field is zeroes.</p> <p>Each unique combination of address category and address should be assigned a sequence code. The Category Indicator and Address Sequence Code on the 71/10 record must directly correspond to the Address Category Indicator and Address Sequence Code on any 71/00 record to which a particular address is associated.</p> <p>Each unique combination of Address Category and Address need only appear on a single 70/10 record, as the Address Category indicator and Address Sequence Code on the 71/00 records enables an association to one or multiple 71/00 records.</p> <p>By using the Address Category Indicator and Address Sequence number on the 71/00 to specify the association with the like fields on the 71/10 record, the relationship is implicit instead of implied by the order in which the records appear in the file.</p> <p>Note: Addresses should appear uniquely at the BAN level, i.e. one occurrence of each unique address per BAN.</p>	

### 4.102 Generic Data Summary Headings Sub Record 50 – Type Data 900

This record is designed to be a flexible way to communicate the column headings that align to the summarized data columns on the 910 - 925 series of 50 sub records. The "Column Type" & "Column XREF" identifies the type and position of the "Column Literal" in relation to the Generic Data Summary records.

C T R	Sub Record 50 – 900 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
	CAP		1-175		See 4.2 for CAP definition.	
1	Type Data	9(3)	176-178	9DR	Indicates the type of data carried in the locally defined record or sub-record. Must be populated with value '900'.	
2	Summary/Report Code	X(10)	179-188	XDL	Each system will generate a code to identify the summary section on their invoice or report that they are passing via this record. An accompanying 0095 will be used to decode the Summary/Report Code.	
3	Reserved	X(10)	189-198	XDL	Default to spaces	
4	Column Number of Occurrences – Column Array	9(2)	199-200	9DR	Total number of column occurrences. 1 to 20 occurrences	
5	@Column Associated Charge Code	X(4)	201-204	XDL	This field is used to signify that any value found on subsequent detail records, i.e. 910, 915 or 916 where "Record Type" = 1, within the associated column should be included for balancing to the 25 Current Charges record and it's matching charge code. The values are the same as the values for "Charge Code" on the 2500 record. See definition of "Charge Code" on the 2500 record for more detail. Spaces = Not applicable	
6	@Column Type	X(1)	205-205	XDL	This aligns to the various repeating areas on the Generic Data Summary records. Value set: 'L' = Aligns to Level Array of the Generic Data Summaries 'V' = Aligns to the Variable Array of the Generic Data Summaries	
7	@Column Cross Reference	9(2)	206-207	9DR	This field aligns the column heading to the correct occurrence of the array identified by the Column Type.	
8	@Column Literal	X(50)	208-257	XDL	Used to communicate the column heading literal. Note: if the heading for a given column is broken up into two or more rows just include them as one complete string.	
9	@Column Currency Type	X(1)	258-258	XDL	This field is used to identify the currency type needed to interpret the data found in the column.	

C T R	Sub Record 50 – 900 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
					Space = Not Applicable '1' = USD '2' = Euro	
10	@Column Suppression Indicator	X(1)	259-259	XDL	This field is used to signify whether or not the data being communicated in the column is for internal use only and should be suppressed from paper, electronic formats and VZCC display. Space = Not Applicable 'Y' = Apply suppression of data	

**4.103 Generic Data Summary Headings Sub Record 50 – Type Data 910**

This record is designed to be a flexible way to communicate summarized data from numerous billing systems. The "level" fields correspond to the hierarchical placement of the data within the summary/report being communicated. The Variable fields are used to dynamically communicate the various data elements.

C T R	Sub Record 50 – 910 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
	CAP		1-175		See 4.2 for CAP definition.	
1	Type Data	9(3)	176-178	9DR	Indicates the type of data carried in the locally defined record or sub-record. Must be populated with value '910'.	
2	Summary/Report Code	X(10)	179-188	XDL	Each system will generate a code to identify the summary section on their invoice or report that they are passing via this record. An accompanying 0095 will be used to decode the Summary/Report Code.	
3	Record Type	9(2)	189-190	9DR	Identifies the data being communicated as being either a detail, subtotal or total record of the invoice section or report. Valid values: 1 = Detail record 2 = Subtotal record 3 = Total record	
4	Reserved	X(8)	191-198	XDL	Spaces	
5	Level Number of Occurrences	9(2)	199-200	9DR	Total number of "Level" occurrences. Level Array always occurs five times, so field should always be set 5 occurrences.	
	Level Array Occurrence 1		201-205			
6	@LevelStart Symbol	X(1)	201-201	XDL	Value = "["	
7	@LevelID	9(3)	202-204	9DR		
8	@LevelEnd Symbol	X(1)	205-205	XDL	Value = "]"	
	Level Array Occurrence 2		206-210			
9	@LevelStart Symbol	X(1)	206-206	XDL	Value = "["	
10	@LevelID	9(3)	207-209	9DR		
11	@LevelEnd Symbol	X(1)	210-210	XDL	Value = "]"	
	Level Array Occurrence 3		211-215			
12	@LevelStart Symbol	X(1)	211-211	XDL	Value = "["	
13	@LevelID	9(3)	212-214	9DR		
14	@LevelEnd Symbol	X(1)	215-215	XDL	Value = "]"	

C T R	Sub Record 50 – 910 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
	Level Array Occurrence 4		216-220			
15	@LevelStart Symbol	X(1)	216-216	XDL	Value = “[”	
16	@LevelID	9(3)	217-219	9DR		
17	@LevelEnd Symbol	X(1)	220-220	XDL	Value = “]”	
	Level Array Occurrence 5		221-225			
18	@LevelStart Symbol	X(1)	221-221	XDL	Value = “[”	
19	@LevelID	9(3)	222-224	9DR		
20	@LevelEnd Symbol	X(1)	225-225	XDL	Value = “]”	
21	Variable Number of Occurrences	9(2)	226-227	9DR	Total number of “Variable” occurrences 0 to 10 occurrences.	
	Variable Array		228-437		The variable array can be used to communicate text, dates, quantity, units, currency, etc in order to capture summaries as fielded data. The variable type is used to define the type of data in the variable field and the variable format is used to determine the correct mask to use to interpret the data correctly.	
22	@ Variable Start Symbol	X(1)	228-228	XDL	Value = “{”	
23	@ Variable Type	9(3)	229-231	9DR	Identifies the type of data in the accompanying variable field	
24	@ Variable Format	X(1)	232-232	XDL	Identifies the format of data in the accompanying variable field	
25	@ Variable Field	X(15)	233-247	XDL		
26	@ Variable End Symbol	X(1)	248-248	XDL	Value = “}”	

### 4.104 Generic Data Summary by Literal Sub Record 50 – Type Data 915

This record is designed to be a flexible way to communicate summarized data from numerous billing systems. The "level" fields correspond to the hierarchical placement of the data within the summary/report being communicated. The Variable fields are used to dynamically communicate the various data elements. The difference between this record and the 50s - 910 is that this one has the level literal field within the level array.

C T R	Sub Record 50 – 915 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
	CAP		1-175		See 4.2 for CAP definition.	
1	Type Data	9(3)	176-178	9DR	Indicates the type of data carried in the locally defined record or sub-record. Must be populated with value '915'.	
2	Summary/Report Code	X(10)	179-188	XDL	Each system will generate a code to identify the summary section on their invoice or report that they are passing via this record. An accompanying 0095 will be used to decode the Summary/Report Code. Note: The value used in this field must match back to the one used on the 900 record as associated to this record.	
3	Record Type	9(2)	189-190	9DR	Identifies the data being communicated as being either a detail, subtotal or total record of the invoice section or report. Valid values: 1 = Detail record 2 = Subtotal record 3 = Total record	
4	Reserved	X(8)	191-198	XDL	Spaces	
5	Level Number of Occurrences – Level Array	9(2)	199-200	9DR	Total number of "Level" occurrences. Level Array always occurs five times, so field should always be set 4 to 5 occurrences.	
	Level Array Occurrence 1		201-253			
6	@LevelType	9(2)	201-202	9DR	Identifies the type of data in the accompanying level field. This field must be populated. Default value is zeroes.  00 = Default 01 = Product/Service 02 = Product/Service subgrouping 03 = Operating Company Number (OCN) 04 = Operating Company Name 05 = Area Code 06 = State (two byte abbreviation) 07 = State (spelled out)	



C T R	Sub Record 50 – 915 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
					08 = LATA 09 = Location 10 = Province 11 = Region 12 = Band 13 = Country Code 14 = Rate Period 15 = Origination 16 = Termination 17 = Tier 18 = EDL 19 = Contributory Plan 20 = Account Number 21 = Account Name 22 = Usage Type 23 = Paying Customer Number 24 = Fees 25 = Mobile Telephone Number 26 = Other	
7	@LevelLiteral	X(50)	203-252	XDL	Default value is spaces.	
8	@LevelEnd Symbol	X(1)	253-253	XDL	Value = "<"	
	Level Array Occurrence 2		254-306			
9	@LevelType	9(2)	254-255	9DR	Identifies the type of data in the accompanying level field. This field must be populated. See Occurrence 1 for list of valid domain values.	
10	@LevelLiteral	X(50)	256-305	XDL	Default value is spaces.	
11	@LevelEnd Symbol	X(1)	306-306	XDL	Value = "<"	
	Level Array Occurrence 3		307-359			
12	@LevelType	9(2)	307-308	9DR	Identifies the type of data in the accompanying level field. This field must be populated. See Occurrence 1 for list of valid domain values.	
13	@LevelLiteral	X(50)	309-358	XDL	Default value is spaces.	
14	@LevelEnd Symbol	X(1)	359-359	XDL	Value = "<"	
	Level Array Occurrence 4		360-412			
15	@LevelType	9(2)	360-361	9DR	Identifies the type of data in the accompanying level field. This field must be populated.	

C T R	Sub Record 50 – 915 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
					See Occurrence 1 for list of valid domain values.	
16	@Level Literal	X(50)	362-411	XDL	Default value is spaces.	
17	@Level End Symbol	X(1)	412-412	XDL	Value = “<”	
	Level Array Occurrence 5		413-465			
18	@Level Type	9(2)	413-414	9DR	Identifies the type of data in the accompanying level field. This field must be populated. See Occurrence 1 for list of valid domain values.	
19	@Level Literal	X(50)	415-464	XDL	Default value is spaces.	
20	@Level End Symbol	X(1)	465-465	XDL	Value = “<”	
21	Variable Number of Occurrences	9(2)	466-467	9DR	Total number of “Variable” occurrences. 1 to 15 occurrences.	
	Variable Array		468-752		The variable array can be used to communicate text, dates, quantity, units, currency, etc in order to capture summaries as fielded data. The variable type is used to define the type of data in the variable field and the variable format is used to determine the correct mask to use to interpret the data correctly.	
22	@Variable Type	9(2)	468-469	9DR	Identifies the type of data in the accompanying variable field. This field must be populated. 01 = Calls 02 = Minutes 03 = Charges 04 = Surcharges 05 = Average cost per minute CPM (not including surcharge) 06 = Usage Identifier 07 = # of Charges 08 = Data Factor 09 = Discount % 10 = Percentage 11 = Rate	
23	@Variable Format	X(1)	470-470	XDL	Identifies the format of data in the accompanying variable field '0' = Numeric no decimal, PIC 9(15) '1' = Numeric with one digit to the right of floating decimal, PIC S9(14)v9 '2' = Numeric with two digits to the right of floating decimal, PIC S9(13)v99 '3' = Numeric with three digits to the right of floating decimal, PIC S9(12)v9(3) '4' = Numeric with four digits to the right of floating decimal, PIC S9(11)v9(4) '6' = Numeric with six digits to the right of floating decimal, PIC S9(9)v9(6) 'A'	

C T R	Sub Record 50 – 915 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
					= Alphanumeric	
24	@ Variable Field	X(15)	471-485	XDL	Populated with the variable data associated with the column.	
25	@ Variable End Symbol	X(1)	486-486	XDL	Value = ">"	

**4.105 Generic Data Summary by Literal with Variables Sub Record 50 – Type Data 916**

This record is designed to be a flexible way to communicate summarized data from numerous billing systems. The "level" fields correspond to the hierarchical placement of the data within the summary/report being communicated. There is a place to capture variables passed with the body of the level description. The Variable fields are used to dynamically communicate the various data elements. The difference between this record and the 50s - 910 is that this one has the level literal field within the level array.

C T R	Sub Record 50 – 916 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
	CAP		1-175		See 4.2 for CAP definition.	
1	Type Data	9(3)	176-178	9DR	Indicates the type of data carried in the locally defined record or sub-record. Must be populated with value '916'.	
2	Summary/Report Code	X(10)	179-188	XDL	Each system will generate a code to identify the summary section on their invoice or report that they are passing via this record. An accompanying 0095 will be used to decode the Summary/Report Code.	
3	Record Type	9(2)	189-190	9DR	Identifies the data being communicated as being either a detail, subtotal or total record of the invoice section or report. Valid values: 1 = Detail record 2 = Subtotal record 3 = Total record	
4	Reserved	X(8)	191-198	XDL	Spaces	
5	Level Number of Occurrences	9(2)	199-200	9DR	Total number of "Level" occurrences. Level Array always occurs five times, so field should always be set to 5 occurrences.	
	Level Array Occurrence 1		201-299			
6	@LevelStart Symbol	X(1)	201-201	XDL	Value = "[	
7	@LevelID	9(3)	202-204	9DR		
8	@LevelLiteral	X(50)	205-254	XDL	Literal associated with lowest level on record spaced out for level variables.	
	@LevelV1 Type	X(1)	255-255		Allows the sending system to include variable data such as date ranges as fielded data.	
	@LevelV1 Format	X(1)	256-256		Identifies the format of data in the accompanying level literal variable field	
9	@LevelV1	X(20)	257-276	XDL		
	@LevelV2 Type	X(1)	277-277		Allows the sending system to include variable data such as date ranges as fielded data.	
	@LevelV2 Format	X(1)	278-278		Identifies the format of data in the accompanying level literal variable field	

C T R	Sub Record 50 – 916 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
10	@Level V2	X(20)	279-298	XDL		
11	@Level End Symbol	X(1)	299-299	XDL	Value = “]”	
	Level Array Occurrence 2		300-398			
12	@Level Start Symbol	X(1)	300-300	XDL	Value = “[”	
13	@Level ID	9(3)	301-303	9DR		
14	@Level Literal	X(50)	304-353	XDL	Literal as associated with lowest level on record spaced out for level variables.	
	@Level V1 Type	X(1)	354-354		Allows the sending system to include variable data such as date ranges as fielded data.	
	@Level V1 Format	X(1)	355-355		Identifies the format of data in the accompanying level literal variable field	
15	@Level V1	X(20)	356-375	XDL		
	@Level V2 Type	X(1)	376-376		Allows the sending system to include variable data such as date ranges as fielded data.	
	@Level V2 Format	X(1)	377-377		Identifies the format of data in the accompanying level literal variable field	
16	@Level V2	X(20)	378-397	XDL		
17	@Level End Symbol	X(1)	398-398	XDL	Value = “]”	
	Level Array Occurrence 3		399-497			
18	@Level Start Symbol	X(1)	399-399	XDL	Value = “[”	
19	@Level ID	9(3)	400-402	9DR		
20	@Level Literal	X(50)	403-452	XDL	Literal as associated with lowest level on record spaced out for level variables.	
	@Level V1 Type	X(1)	453-453		Allows the sending system to include variable data such as date ranges as fielded data.	
	@Level V1 Format	X(1)	454-454		Identifies the format of data in the accompanying level literal variable field	
21	@Level V1	X(20)	455-474	XDL		
	@Level V2 Type	X(1)	475-475		Allows the sending system to include variable data such as date ranges as fielded data.	
	@Level V2 Format	X(1)	476-476		Identifies the format of data in the accompanying level literal variable field	
22	@Level V2	X(20)	477-496	XDL		
23	@Level End Symbol	X(1)	497-497	XDL	Value = “]”	
	Level Array Occurrence 4		498-596			
24	@Level Start Symbol	X(1)	498-498	XDL	Value = “[”	
25	@Level ID	9(3)	499-501	9DR		
26	@Level Literal	X(50)	502-551	XDL	Literal as associated with lowest level on record spaced out for level variables.	
	@Level V1 Type	X(1)	552-552		Allows the sending system to include variable data such as date ranges as fielded data.	
	@Level V1 Format	X(1)	553-553		Identifies the format of data in the accompanying level literal variable field	

C T R	Sub Record 50 – 916 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
27	@Level V1	X(20)	554-573	XDL		
	@Level V2 Type	X(1)	574-574		Allows the sending system to include variable data such as date ranges as fielded data.	
	@Level V2 Format	X(1)	575-575		Identifies the format of data in the accompanying level literal variable field	
28	@Level V2	X(20)	576-595	XDL		
29	@Level End Symbol	X(1)	596-596	XDL	Value = “]”	
	Level Array Occurrence 5		597-695			
30	@Level Start Symbol	X(1)	597-597	XDL	Value = “[”	
31	@Level ID	9(3)	598-600	9DR		
32	@Level Literal	X(50)	601-650	XDL	Literal as associated with lowest level on record spaced out for level variables.	
	@Level V1 Type	X(1)	651-651		Allows the sending system to include variable data such as date ranges as fielded data.	
	@Level V1 Format	X(1)	652-652		Identifies the format of data in the accompanying level literal variable field	
33	@Level V1	X(20)	653-672	XDL		
	@Level V2 Type	X(1)	673-673		Allows the sending system to include variable data such as date ranges as fielded data.	
	@Level V2 Format	X(1)	674-674		Identifies the format of data in the accompanying level literal variable field	
34	@Level V2	X(20)	675-694	XDL		
35	@Level End Symbol	X(1)	695-695	XDL	Value = “]”	
36	Variable Number of Occurrences	9(2)	696-697	9DR	Total number of “Variable” occurrences. 1 to 10 occurrences.	
	Variable Array		698-907		The variable array can be used to communicate text, dates, quantity, units, currency, etc in order to capture summaries as fielded data. The variable type is used to define the type of data in the variable field and the variable format is used to determine the correct mask to use to interpret the data correctly.	
37	@ Variable Start Symbol	X(1)	698-698	XDL	Value = “{”	
38	@ Variable Type	9(3)	699-701		Identifies the type of data in the accompanying variable field	
39	@ Variable Format	X(1)	702-702	XDL	Identifies the format of data in the accompanying variable field	
40	@ Variable Field	X(15)	703-717	XDL		
41	@ Variable End Symbol	X(1)	718-718	XDL	Value = “}”	

**4.106 Generic Data Summary by Literal (One Level Array) Sub Record 50 –Type Data 917**

This record is designed to be a flexible way to communicate summarized data from numerous billing systems. The "level" fields correspond to the hierarchical placement of the data within the summary/report being communicated. The Variable fields are used to dynamically communicate the various data elements. The difference between this record and the 50s - 915 is that Level Array Number of Occurrences is a static value of 1.

C T R	Sub Record 50 – 917 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
	CAP		1-175		See 4.2 for CAP definition.	
1	Type Data	9(3)	176-178	9DR	Indicates the type of data carried in the locally defined record or sub-record. Must be populated with value '917'.	
2	Summary/Report Code	X(10)	179-188	XDL	Each system will generate a code to identify the summary section on their invoice or report that they are passing via this record. An accompanying 0095 will be used to decode the Summary/Report Code. Note: The value used in this field must match back to the one used on the 900 record as associated to this record.	
3	Record Type	9(2)	189-190	9DR	Identifies the data being communicated as being either a detail, subtotal or total record of the invoice section or report. Valid values: 1 = Detail record 2 = Subtotal record 3 = Total record	
4	Reserved	X(8)	191-198	XDL	Spaces	
5	Level Number of Occurrences – Level Array	9(2)	199-200	9DR	Total number of "Level" occurrences. Level Array only occurs once, so field should always be set to 1 occurrence.	
	Level Array		201-253			
6	@LevelType	9(2)	201-202	9DR	Identifies the type of data in the accompanying level field. This field must be populated. 1 = Product/Service 2 = Product/Service subgrouping 3 = Operating Company Number (OCN) 4 = Operating Company Name 5 = Area Code 6 = State (two byte abbreviation) 7 = State (spelled out) 8 = LATA 9 = Location	

C T R	Sub Record 50 – 917 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
					10 = Province 11 = Region 12 = Band 13 = Country Code 14 = Rate Period 15 = Origination 16 = Termination 17 = Tier 18 = EDL 19 = Contributory Plan 20 = Account Number 21 = Account Name 22 = Usage Type 23 = Paying Customer Number 24 = Fees 25 = Mobile Telephone Number 26 = Other 27 = Government Taxes, Surcharges and Fees 28 = Verizon Surcharges and Fees 29 = DIRECTV Surcharges and Fees	
7	@Level Literal	X(50)	203-252	XDL		
8	@Level End Symbol	X(1)	253-253	XDL	Value = "<"	
9	Variable Number of Occurrences	9(2)	254-255	9DR	Total number of "Variable" occurrences. 0 to 15 occurrences.	
	Variable Array		256-540		The variable array can be used to communicate text, dates, quantity, units, currency, etc in order to capture summaries as fielded data. The variable type is used to define the type of data in the variable field and the variable format is used to determine the correct mask to use to interpret the data correctly.	
10	@Variable Type	9(2)	256-257	9DR	Identifies the type of data in the accompanying variable field. This field must be populated. 1 = Calls 2 = Minutes 3 = Charges 4 = Surcharges 5 = Average cost per minute CPM (not including surcharge) 6 = Usage Identifier 7 = # of Charges	



C T R	Sub Record 50 – 917 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
					8 = Data Factor 9 = Discount % 10 = Taxes 11 = Fees	
11	@ Variable Format	X(1)	258-258	XDL	Identifies the format of data in the accompanying variable field '0' = Numeric no decimal, PIC 9(15) '1' = Numeric with one digit to the right of floating decimal, PIC S9(14)v9 '2' = Numeric with two digits to the right of floating decimal, PIC S9(13)v99 '3' = Numeric with three digits to the right of floating decimal, PIC S9(12)v9(3) '4' = Numeric with four digits to the right of floating decimal, PIC S9(11)v9(4) 'A' = Alphanumeric	
12	@ Variable Field	X(15)	259-273	XDL	Populated with the variable data associated with the column.	
13	@ Variable End Symbol	X(1)	274-274	XDL	Value = ">"	

**4.107 Additional Discount Detail Sub Record Number 60**

This optional record is used when there is need to provide additional usage-sensitive detail beyond the information included in the primary record. This sub record may be partially useful in accommodating details for measured service plans or optional calling plans. This record is used extensively when more than one discount has been applied.

C T R	Sub Record 60 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
	CAP		1-175		See 4.2 for CAP definition.	
1	Amount Subject to Discount - \$	S9(9)V99	176-186	SDR	This is the total amount subject to discount. The default value for this field is \$0.00	
2	Additional Discount Area Number of Occurrences	9(2)	187-188	9DR	This is the number of times the following data fields are repeated for 5 multiple occurrences of similar data. The default value for this field is 01 Valid values: 01 thru 05.	
	Additional Discount Area		189-403		The following fields (denoted by @) are multiplied 1 to 5 times depending on the Bill Section Detail Number of Occurrences field.	
3	@ Additional Discount %	V999	189-191	9DR	This is the additional discount percent that applies to that portion of the amount subject to discount greater than the discount upper limit of the previous occurrence through the discount upper limit of the occurrence. The default value for this field is zeroes.	
4	@ Additional Discount Type	X(2)	192-193	XDL	This indicates the type of additional discounts tallied in the Additional Discount Upper Limits. See 'Table of Values' at the end of this document for values for this field. The default value for this field is spaces	
5	@ Additional Discount Upper Limit	9(4)V99	194-199	9DR	Upper limit applies to the discount for this occurrence. The default value for this field is zeroes.	
6	@ Additional Discount Amount - \$	S9(9)V99	200-210	SDR	Amount of supplemental discount. The default value for this field is \$0.00	
7	@ Secondary Additional Discount Type	X(2)	211-212	XDL	This indicates the secondary type of additional discount that may be applied to an account under a particular discount plan. For instance, an account with the Corporate Rewards Discount may have both a monthly Aggregate discount and a site discount. A way was needed to denote these sub discount types in relation to their individual discount amounts. See 'Table of Values' at the end of this document for values for this field. The default value for this field is spaces.	

C T R	Sub Record 60 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
8	@Reserved	X(19)	213-231	XDL	The default value for this field is spaces.	

**4.108 Tables of Values**

This section contains tables of values for data elements that are generally too lengthy to include in the data layout sections, or that appear in more than one record. They are a compilation of data currently in use by the regional billing systems.

Reference Field	Description	Values/Additional Description
Additional Discount Type	This field is used to provide additional detail when a discount has been applied.	' ' = No additional discounts applied 'AH' = Home Region Usage Monthly Aggregate Discount 'AI' = Inter-region Usage Monthly Aggregate Discount 'AL' = Directly Dialed Regional Toll 'B ' = Business Link Volume Discount (NY&NE) 'BU' = Bulk Billing Discount 'C ' = Customized NetSaver (NE) 'CA' = Access Line Credit 'CD' = Charitable Discount 'CL' = Loyalty Credit 'CO' = Concession Discount 'CS' = Customer Specific Pricing Discount 'CU' = Volume Discount 'D ' = Directory Assistance Volume Discount Plan (NY) 'DA' = Toll Circuit Switched Data 'DP' = Discount Plan 'E ' = Rewarding Connections Discount Plan 'ED' = Estimated Discount 'F ' = Firm Rate Plan (NE) 'L ' = Large Volume Discount (NY & NE) 'LA' = Local Usage Monthly Aggregate Discount 'LS' = Local Usage Monthly Site Discount 'M ' = Multiple Discounts applied (multiple xx60 records generated) 'MA' = Monthly Aggregate Discount 'MS' = Monthly Site Discount 'N ' = New Hampshire Business Pkg/Pkg Plus (NE) 'R ' = Resale Discount (NY&NE) 'SH' = Home Region Usage Monthly Site Discount 'SI' = Inter-region Usage Monthly Site Discount 'T ' = Term Plan Discount (NY) 'TA' = Toll Usage Monthly Aggregate Discount 'TS' = Toll Usage Monthly Site Discount 'V ' = Toll Free Service (formally 800 Valuflex Service Volume Discount (NE, NY)

Reference Field	Description	Values/Additional Description
Band	This represents the area in which a call terminates as defined by local banding techniques.	<p>'00' = (No banding applies)</p> <p><u>when BANDIND = 1</u> (MDVW Banded Usage express TRAK/NBBE)                      '1 ' thru '6 ' = Bands 1-6                      'A ' thru 'G ' = Bands A – G                      '7', '8', '9', '10', '11', '12', 'A', 'B', 'C', 'D'</p> <p><u>when BANDIND = 2</u> (NY-Regional Banding)                      '02' = Nassau                      '03' = New York City                      '04' = West Suffolk                      '05' = East Suffolk                      '06' = Lower Westchester                      '07' = Upper Westchester                      '08' = Rockland                      '09' = Mass Announcements (reported via 30xx)                      '10' = All Other                      '11' = All Combined (used for Switchway and Virtual WATS downstate – NY)</p> <p><u>when BANDIND = 3</u> (NY/NE-Call Area Banding)                      'A ' thru 'F ' = Bands A - F (NY)                      'A ' thru 'B ' = Bands A - B (NE)</p> <p><u>when BANDIND = 4</u> (NE-Zoned)                      '01' = Zone – 1 or Peak                      '02' = Zone – 2 or Off peak</p> <p><u>when BANDIND = 5</u> (NY-Other)                      'AO' = IntraOffice                      'RO' = InterOffice                      'HR' = Home Region                      'IR' = Inter-Region/Region to Region                      'CR' = Call region (B thru D) and Inter-Region</p> <p><u>when BANDIND = 6</u> (NY/NE)                      '01' = Local                      '02' = Toll or Regional</p>
Time Period	This is the time period for which the usage is being	<p>'1' = Peak/Zone 1      7am - 7pm (M-F)                      '2' = Off peak/Zone 2      7pm - 7am (other)</p>

Reference Field	Description	Values/Additional Description
	billed	'3' = Day 8am - 5pm (M-F) '4' = Eve/Holiday 5pm - 11pm (M-F) 5pm - 11pm (Sun) '5' = Night/Weekend 8 am Sat - 5pm Sun '6' = Weekend 8 am Sat -5pm Sun (when separate from night) '7' = Other peak '9' = All periods at the same rate '0' = Day/Eve 'A' = Peak 8am – 4:59pm (M-F) 'B' = Off Peak 17:00pm – 7:59am 'E' = Weekend 12pm Fri - 12pm Sun 'D' = Weekday 24 hr period M-F <u>Holidays</u> : Christmas, New Years, Thanks giving, Independence, and Labor Day 'F' = Community Choice per minute 'G' = Community Choice timed 'C' = Community Choice unlimited
Time Used Indicator	This identifies the value of time used field data.	'10' = Calls '12' = Calls + additional minutes '13' = Calls + additional minutes/Switchway - Home Region '14' = Calls + additional minutes/Switchway - All other '15' = Calls + Minutes '17' = Seconds '19' = Minutes & Calls '20' = Minutes '21' = Minutes: seconds '22' = Hours '23' = Hours: Minutes '24' = Tenth hours '25' = Allowance Minutes '26' = Quarter Hours '28' = Half hours '29' = First Hour or Fraction thereof '30' = Messages '31' = Hours: Minutes: Seconds '32' = Units '40' = Packets

Reference Field	Description	Values/Additional Description																				
		'42' = Kilo packets '43' = Database Records '45' = Kilo characters '46' = Blocks '47' = Megabytes '48' = Gigabytes '49' = Megabits per second '50' = Segments '52' = Kilo segments '60' = Mobile recurring '65' = Normal set ups '66' = Fast select set ups '70' = Searches '71' = Screens '72' = Listings '73' = Mailboxes '74' = Transactions '75' = Miles and Minutes '76' = Mileage '77' = Number Ordered '78' = Downloads '79' = Minutes Stored '80' = Records (Message Billing Svc) '81' = Records (Processing Svc) '82' = Records (Recording Svc) '90' = Usage and Other Charges '91' = Dollars '92' = Days '93' = Users																				
Usage Service Class/Pricing Plan Code	This field provides additional information as to the services associated with this record. It can be used to pull together the various record components of a usage-based plan. Currently used by NY/NE only and is grandfathered. The Pricing Plan Code will be used going forward.	<table border="0"> <tr> <td><u>ID</u></td> <td><u>Usage Service Class/Pricing Plan Code</u></td> </tr> <tr> <td>'30'</td> <td>Local Calling Summary</td> </tr> <tr> <td>'85'</td> <td>Usage Summary</td> </tr> <tr> <td>'1B'</td> <td>Enterprise</td> </tr> <tr> <td>'1C'</td> <td>Corporate Link Summary</td> </tr> <tr> <td>'2C'</td> <td>Corporate Link Qualifying Usage Summary</td> </tr> <tr> <td>'3C'</td> <td>Corporate Link Detail Summary</td> </tr> <tr> <td>'4C'</td> <td>Corporate Link Credit Summary</td> </tr> <tr> <td>'1F'</td> <td>Remote Account Summary</td> </tr> <tr> <td>'1W'</td> <td>Weekend Choice Plan</td> </tr> </table>	<u>ID</u>	<u>Usage Service Class/Pricing Plan Code</u>	'30'	Local Calling Summary	'85'	Usage Summary	'1B'	Enterprise	'1C'	Corporate Link Summary	'2C'	Corporate Link Qualifying Usage Summary	'3C'	Corporate Link Detail Summary	'4C'	Corporate Link Credit Summary	'1F'	Remote Account Summary	'1W'	Weekend Choice Plan
<u>ID</u>	<u>Usage Service Class/Pricing Plan Code</u>																					
'30'	Local Calling Summary																					
'85'	Usage Summary																					
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'2C'	Corporate Link Qualifying Usage Summary																					
'3C'	Corporate Link Detail Summary																					
'4C'	Corporate Link Credit Summary																					
'1F'	Remote Account Summary																					
'1W'	Weekend Choice Plan																					

Reference Field	Description	Values/Additional Description
	Applicable to usage records only – 30xx, 35xx, 45xx, 55xx, 60xx, 65xx, 70xx, 80xx, 85xx & xx50.	'2D' 207 Area Toll Discount '4S' 401 Business Summary of Itemized Calls '5S' 617/508 Business Summary of Itemized Calls '6P' Call Around 603 Plus '6S' 603 Business Summary of Itemized Calls '8D' 802 Area Toll Discount '8V' 800 Toll-Free Service '8W' Toll-Free Discount Plan 'A1' Switched Wide Band 'A2' Group Bridging 'A3' IINS Plan 'A4' EconoPath 'A5' SwitchWay-Subscribed Customer 'A6' SwitchWay-non SwitchWay Customer 'A7' Electronic White Pages 'A8' Virtual WATS (outgoing) 'A9' Cents-per-Minute Plan 'AI' Advanced Intelligent Network 'AN' Access Now 'AP' AdProof Service 'AU' Automatic Savings 'AV' Automatic Volume Discount 'AS' Announcement Service 'B1' BrokerNet 'B2' Info Numbering Plan (INPS) 'B4' Automatic Meter Reading 'B5' Circuit 9 (End user Transport) 'B6' Circuit 9 (End user Details) 'B7' Circuit 9 (Subscriber Transport) 'B8' Circuit 9 (Subscriber B&C) 'B9' Personalized Rate Plan 'BC' Business Calling Plus 'BL' Business Link 'BP' Optional Calling Plan-Upstate Bus 'BS' Bay State East/West 'BT' Business Special Toll 'BU' Business Usage Discount 'C1' CallAround – Circle 'C4' CallAround 413, 413 Plus/Lata Wide



Reference Field	Description	Values/Additional Description
		'C6' CallAround 603
		'C8' CallAround 802
		'CA' Call Answering
		'CB' Consumer Opportunity Savings Plan
		'CC' Reciprocal Compensation Charge
		'CD' Customized Discounts IntraLATA Toll Calls
		'CE' Calling Card Calls
		'CF' Concession Summary
		'CG' CONNections
		'CL' Circle Calling
		'CM' Centrex Calling
		'CO' Community Choice
		'CP' Customer Specific Pricing
		'CR' Call Trace
		'CS' New York/New Jersey Corridor OCP
		'CT' Corridor Savings Plan
		'CV' IP Virtual LATA Wide Calling 21
		'CW' Corporate Rewards
		'C+' Customized Netsaver
		'DC' Discount Calling Plan
		'DD' Direct Dialed Calls
		'DP' Directory Assistance Volume Discount Plan DP
		'EA' Extended Area Calling
		'EC' Expanded Community Calling
		'ED' Electronic Directory Assistance
		'E+' Expanded Community Calling Plus
		'EM' Eastern Mass Unlimited Calling Plan
		'EN' Easy Number Service (formerly Single Number Service)
		'EP' Easy Savings Plan
		'ES' Extra Savings Plan
		'FL' Flat Rate Local Usage Summary
		'FM' Flat Minutes of Use
		'FP' Flexible Pricing Plan
		'FR' Firm Rate Plan
		'FV' FiOS Video Charges
		'GB' Gift Billing (Bill To Other)
		'GS' Granite State Calling
		'HC' HIPC
		'HH' 100 Hour Plan

Reference Field	Description	Values/Additional Description
		'HP' Hour Plus
		'IP' Packet Term & Packet Account/InfoPath
		'IE' InfoPath
		'IL' Dial Avisit
		'IN' Local ISDN Primary Service
		'IQ' IQ Card
		'IS' Information Services Calls
		'IT' Intelligent Toll Free Service
		'IU' ISDN Usage Package
		'KC' Key Connections
		'LC' Multi-Location CustomNetSaver
		'LU' Large User Discount
		'LV' Large Volume Discount
		'LP' Local Package
		'MA' Message Unit Summary
		'MC' Measured Circle Calling
		'ME' MEVS
		'MM' One Link Market Minder
		'MP' Metro Call PAK
		'MU' Measured Calls Summary
		'MV' Maximum Value Plan
		'MY' Maryland Volume Discount Plan
		'N1' BA Optional Toll Service
		'N2' CST
		'N3' Business Calling Plans
		'N5' Sound Dialing
		'N7' NJ Large User Discount
		'N8' Expanded Calling Area Service
		'N9' Winback
		'NA' (Rewarding Connections) Bonus Discount OCP's
		'NB' Automatic Volume Discount
		'NC' Value Cents
		'NE' Big Deal
		'NP' Verizon Choose Your Neighborhood Plan
		'NS' NetSaver
		'NV' National Voice Plan Flex Grow
		'OA' Operator Assisted Calls
		'OC' Operator Applied Credit for Unbundled Port Usage
		'OI' Measured Service (MU) Summary

Reference Field	Description	Values/Additional Description
		'OT' Optional Toll Treatment Plan
		'P2' NH Business Package
		'P3' NH Business Package Plus
		'P4' Vermont Business Package
		'P5' Vermont Business Package +
		'PC' Call Package
		'PP' PRI Plus – 10K
		'PR' PRI Plus – 20K
		'PS' Pay-Per-Use/Intellisart
		'PU' Personal; Unlimited Plan
		'PT' Pine Tree State
		'R+' Residence Calling Plus
		'RC' Local Usage Summary
		'RE' Rewarding Connections Plan
		'RP' Optional Calling Plan-Upstate Residence
		'RS' Resale Services
		'RU' Rhode Island Unlimited OCP
		'RW' Rhode Island State-Wide
		'RX' Audiotex
		'S5' Switched 56 Service
		'SB' Special BOC 800 Rates
		'SC' Selective Calling/Community Calling
		'SD' Calling Card Discount
		'SM' By-line/Line Level Local Usage
		'SM' By-line/Line Level Directory Assistance
		'SN' Sound Deal (referred to as Local and Toll Package in MDVW)
		'SO' Sound Minutes
		'SP' Six Second Pricing
		'SS' Select Saver
		'ST' Sensible Minutes
		'S+' NetSaver Plus
		'TA' Term and Volume Plan
		'TB' Toll Free Basic Service
		'TF' Toll Free Standard Service
		'TP' Tele-Plan
		'TS' Toll Savings
		'TV' Tel-A-Visit
		'UP' Unbundled Port
		'V5' Verizon Five Cents Plan

Reference Field	Description	Values/Additional Description
		<p> ‘VB’ Vermont Business Calling  ‘VE’ Veriations FreedomExtra Plan  ‘VF’ Verizon FreedomPlan  ‘VM’ Voice Messaging Service  ‘VN’ Virtual Private Network Calls  ‘VP’ Vpath  ‘VR’ Virtual Flat Rate  ‘VS’ Volume Savings Plan  ‘VU’ Verizon Online Usage  ‘VW’ Virtual WATS  ‘V+’ Vermont Business Calling Plus  ‘W1’ Intrastate 800 Service  ‘W2’ Interstate Outward WATS  ‘W2’ Intrastate Outward WATS  ‘WA’ Wide Area Centrex/Centrex Extend  ‘WB’ Dedicated Toll Free Service  ‘ZZ’ Miscellaneous Charges (used for Plug Records only)   <u>ID</u> <u>Usage Service Class-AT&amp;T</u>  ‘MD’ Massachusetts Intrastate Discount </p>
Usage Type Indicator	This indicates the type of usage units tallied in the usage increment fields.	<p> ‘00’ = VIT Service Desk  ‘01’ = COD  ‘02’ = EOD  ‘03’ = HSIM  ‘04’ = Utility Storage  ‘05’ = Back-up Storage  ‘06’ = Bandwidth  ‘07’ = Reusable UBB  ‘08’ = Akamai  ‘09’ = VIT Outsourcing (DCO)  ‘10’ = Calls  ‘12’ = Calls + additional minutes  ‘13’ = Calls + additional minutes/Switchway - Home Region  ‘14’ = Calls + additional minutes/Switchway - All other  ‘15’ = Calls + Minutes  ‘17’ = Seconds  ‘19’ = Minutes &amp; Calls </p>

Reference Field	Description	Values/Additional Description
		'20' = Minutes '21' = Minutes: seconds '22' = Hours '23' = Hours: Minutes '24' = Tenth hours '25' = Allowance Minutes '26' = Quarter Hours '27' = Labor Hours '28' = Half hours '29' = First Hour or Fraction thereof '30' = Messages '31' = Hours: Minutes: Seconds '32' = Units '34' = Each '35' = Collocation '36' = Kbps '37' = Hosting '38' = Roaming '39' = Pass Through '40' = Packets '41' = Kilobytes '42' = Kilo packets '43' = Database Records '44' = Terabytes '45' = Kilo characters '46' = Blocks '47' = Megabytes '48' = Gigabytes '49' = Megabits per second '50' = Segments '52' = Kilo segments '53' = Page '54' = Temporary '59' = Seats '60' = Mobile recurring '61' = Event (related to cellular) '62' = Incident '63' = Resources '64' = SCPH 9am-4pm

Reference Field	Description	Values/Additional Description
		'65' = Normal set ups '66' = Fast select set ups '67' = SCPH 4pm-9am '68' = SCPH '69' = Per Tape Mount '70' = Searches '71' = Screens '72' = Listings '74' = Transactions '75' = Miles and Minutes '76' = Mileage '77' = Number Ordered '78' = Downloads '79' = Minutes Stored '80' = Records (Message Billing Svc) '81' = Records (Processing Svc) '82' = Records (Recording Svc) '89' = New Users '90' = Usage and Other Charges '91' = Dollars '92' = Days '93' = Users '94' = SMS Messages '95' = MMS Messages '96' = Concurrent Call Limit '97' = Bytes '98' = Licenses '99' = Storage Units 'A1' = Instance 'A2' = Server 'A3' = Device 'A4' = Flat 'A5' = Month 'A6' = Shipment 'A7' = Trunks 'AU' = Average Users 'BX' = Boxes 'CC' = Concurrent Calls 'CH' = Characters

Reference Field	Description	Values/Additional Description
		'DS' = Discs 'FE' = Features 'FL' = Files 'FT' = Feet 'GB' = Gigabytes per second 'GS' = GB Stored 'HD' = IMACs 'IM' = Images 'IN' = Inserts 'MC' = Machines 'P1' = MPV 'P2' = PV 'PR' = Ports 'QM' = QTR MBPS (Quarter Mega Bits per second) 'SS' = Sessions 'ST' = Stations 'UA' = Usage Allowance 'UB' = Usage Billed 'UU' = Usage Used 'TD' = Tax Discounts 'TG' = Trunk Group 'TN' = Telephone Number 'TR' = Transfers 'TS' = Terabytes per second 'TT' = Titles 'XX' = Custom* * 'XX = Custom' is used in conjunction with Module 077/079 Supplemental Data Identifier Code = 115 to display application/contract-specific Usage Type Indicator text.

Transaction Code	Transaction Code	Classification
	'02' = Payment	Payment
	'03' = Payment reversal - correction	Adjustment
	'04' = Advance payment	Payment
	'05' = Payment Reversal - backout	Adjustment
	'06' = Transfer payment - credit	Payment
	'07' = Prepayment Reversal	Adjustment
	'08' = Transfer payment - debit	Payment

Transaction Code	Transaction Code	Classification
	'09' = National Bill Payment	Payment
	'10' = Bogus payment	Payment
	'12' = Adjustment – credit	Adjustment
	'14' = Adjustment - debit	Adjustment
	'16' = Recovery of Uncollectible	Adjustment
	'18' = Uncollectible delayed tolls	Adjustment
	'20' = Canceled tolls	Adjustment
	'22' = Dishonored check	Payment
	'23' = Return check charge	Adjustment
	'24' = Uncollectible	Adjustment
	'25' = Verizon Credit Card Rewards	Adjustment
	'26' = Transfer in credit balance	Transfer
	'27' = USSL "E Rate" Discount	Adjustment
	'28' = Transfer in debit balance	Transfer
	'29' = USSL "E-Rate" Tax Discount	Adjustment
	'30' = Transfer out credit balance	Transfer
	'32' = Transfer out debit balance	Transfer
	'34' = Refund balance	Adjustment
	'36' = Telegram charge back	Adjustment
	'37' = Calling Certificate	Adjustment
	'38' = Other-credit	Adjustment
	'40' = Other-debit	Adjustment
	'42' = Punched cash	Adjustment
	'44' = Partial cash	Adjustment
	'46' = Memo cash	Adjustment
	'48' = Bank draft	Adjustment
	'50' = Summary-credit	Adjustment
	'52' = Summary-debit	Adjustment
	'53' = Transfer – Live to Final	Transfer
	'54' = Transfer – Final to Live	Transfer
	'56' = Cash-key punched by Business Office	Adjustment
	'58' = Refer to agency	Adjustment
	'60' = Advance transfer to agency	Transfer
	'62' = Defer to agency	Adjustment
	'64' = Scheduled transfer to agency	Transfer
	'66' = Message rate Adjustment-credit	Adjustment
	'68' = Recourse advanced systems -credit	Adjustment
	'72' = Misc. charges & credits (other provider)	Adjustment
	'80' = Prepayment	Payment



Transaction Code	Transaction Code	Classification
	'82' =Deposit Applied	Adjustment
	'84' = Interest on Deposit	Adjustment
	'86' = Restoral Fee	Adjustment
	'88' = Restoral Fee credit	Adjustment
	'90' = Transfer To Summary Acct	Transfer
	'91' = Transfer to National Summary Bill	Transfer
	'95' = Summarized Transfer	Transfer
	'99' = Summarized Pay/Adj.	Adjustment
	'D*' = Reverse Deferred Payment Plan	Payment
	'DP' = Deferred Payment Plan	Payment
	'XD' = Bill Deferred Payment Plan in Full	Payment
	'CC' = Credit Card	Payment
	'T1' = Transfer Monthly Charges due to Bankruptcy	Transfer/Adjustment
	'T2' = Transfer Other Charges and Credits due to Bankruptcy	Transfer/Adjustment
	'T3' = Transfer Usage Charges due to Bankruptcy	Transfer/Adjustment
	'T4' = Transfer Taxes due to Bankruptcy	Transfer/Adjustment
	'T5' = Transfer Surcharges due to Bankruptcy	Transfer/Adjustment
	'T6' = Transfer Balance due to Bankruptcy	Transfer/Adjustment
	'T7' = Transfer Discount Credit due to Bankruptcy	Transfer/Adjustment
	'T8' = Transfer Toll Money Due to Non-Payment	Transfer/Adjustment
	'DC' = Disputed Charge	Adjustment
	'NF' = Non- basic transfer to Final	Transfer
	'NK' = Non-basic leakage	Transfer
	'NL' = Non-basic transfer from Live	Transfer

# MODULES SECTION

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## 4.109 MODULES

### Overview

With the addition of modules to the VZ450 specification Information Technology (IT) will be better able to respond quickly to the growing needs of both our internal “Lines of Business” (LOB) channels and our external end-users. LOB channels such as Long Distance, ESG, General Business, Consumer, Marketing, Finance, & Security are looking towards the Verizon 450 Standard to help them provide complex-billing solutions to their respective end users. They don’t want to, and in today’s competitive marketplace can ill afford to, wait for complete account conversion into the strategic billing systems.

Modules provide a means for dynamic, rapid deployment of additional data elements to the VZ450 base records for use in business applications such as bill presentment, financial tracking and rollup, Cash Remittance & Invoice Processing Systems (CRIPS), error processing and general customer CARE. They also provide the most efficient file structure for these new elements since space is only used when needed or applicable.

Finally since the modules are used for the communication of data between internal Verizon applications they can be dropped for easy distribution of the base records to Verizon’s external customers. This will insulate the Verizon end users from file content bloat and frequent base record changes.

### Module Processing Rules

VZ450 modules are designed to be easy and straightforward to use however there are some specific processing rules, which need to be strictly adhered to for Verizon uniformity.

- Maximum variable length record with modules is 4500 bytes.
- If record contains modules, the field “Module Indicator”, located within the CAP, must contain a value of “1”.
- Module length is equal to the number of bytes in the module number, module version, module length, and module data fields.
- A record may contain multiple modules.
  - Modules can be appended in random order with the 999A Module always being the last module ID.
  - A record may have modules with different Module ID's appended (e.g., 001A and 004A).
  - A record may have multiples of the same Module ID's appended (e.g., 004A and 004A).
- Existing modules may be enhanced. The original module will contain an "A" in the "Module Version" field. Based on corporate requirements, subsequent versions could replace the original version.
- No “filler” or “reserved” fields are allowed within a module since data elements are added as needed
- Module content is both numeric and alphanumeric
- Every module, except “999A”, must contain the following standard fields:
  - Module number is a 3 byte numeric
  - Module Version is a 1 byte alpha
  - Module length is a 3 byte numeric
- Module “999A” contains only the fields Module Number and Module Version

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- To avoid confusion with field initialization values module number “000” will never be assigned
  - Last module ID appended to a record is always “999A” to indicate the end of modules
  - If there are no other modules present on the record then “999A” is not needed

## Module Descriptions

Module Number	Version	Module Name	Module Length
003	C	Multi-line Text Code Module	053
004	A	Short Text Module	117
008	B	NBBE Account Information Module	059
009	B	Centrex Summary Module	040
012	A	NBBE Miscellaneous Credits Additional Info	070
018	A	NBBE Product Level Re-Rate Module	260
023	B	NBBE NICB Account Level Contract Information Module	111
024	A	Contract Identification Detail Level Module	039
026	B	Invoice Number Module	035
027	D	International Invoice Account Information Module	058
029	A	Email Address Module	067
031	A	Past Due Amounts Module	067
034	A	Charge Code Identifier Charge Code Identifier (CCID) Module	112
035	A	Call Line Identifier Module	079
037	A	Parent Module	023
038	A	Node Type Module	008
039	A	Text Pointer Module	015
045	A	Product Line Code Module	019
046	A	Jurisdiction Identification Module	042
047	A	Circuit Attribute Module	177
048	C	Expanded Tax/Surcharge Module	72
049	A	Usage Grouping Module	075
050	A	Inter-exchange Carrier Selection Data Module	024
051	C	Detail Charge Information Module	075
056	A	Voice Trunk Module	044
057	A	IP Service ID Module	137
058	A	Generic Product Description	167
059	A	Expanded Currency Conversion Factor	023
062	B	Supplemental Debit/Credit Note Detail Module	081
065	A	Tax Summarization Key Module	016
066	A	Usage Surcharge Information Module	033
067	A	Generic Code Module	020
069	A	CPE Quote Module	065
070	E	Product Information Module	139
071	D	Product Information Array Module	130-274
072	A	Product Information Overflow Array Module	52-181
074	A	Contract Line Item Module	022
075	A	Purchase Order Number Module	027
076	A	Product Line Item Module	074
077	A	Supplemental Data Identifier	040
079	A	Expanded Supplemental Data Identifier Module	110
081	A	ESG Adjustment Tracking Number Module	020
082	A	Retained Accounts USOC Module	019
084	A	Account Transaction Date Module	024
092	A	CABS Unit Pricing Module	073
093	A	DSNA Identifier Module	034
097	A	Long Text Module	192

Module Number	Version	Module Name	Module Length
098	A	Related Product Information Module	029
099	A	<b>Enhanced Text Pointer Module</b>	018
101	A	Signed Quantity and Rate Module	038
102	B	Bill Bundle Identifier Module	035
103	B	Feature Detail Module	69
104	B or C	Additional Call Detail Module	B: 105 C: 107
106	A	Generic Date Range Module	024
107	A	Generic Count Module	029
108	A or B	Enhanced Generic Amount Module	A: 027 B: 031
109	A	Generic Amount Module	023
110	A	Extended Phrase Code Module	040
111	B	Circuit Sub Services Module	123
112	A	City-State Module	038
113	A	Product Grouping Module	025
114	B	Contract Fulfillment Account Attributes Module	061-073
115	A	Grouping Module	030
116	A	Usage Amount Module	022
117	A	Conferencing Attributes Module	073
118	A	Video Conference Attributes Module	123
120	A	Generic Amount with Floating Decimal Module	032
124	B	Per Call Surcharges Module	027
125	A	Additional Circuit Data Module	022
126	A	Promotion Information Module	027
128	A	Expanded Amount Module	036
129	A	Enhanced Call Routing (ECR) Call Detail Module	047
130	A	Enhanced Call Routing (ECR) Feature Detail Module	021
140	B	Resource Unit (RU) Billing Module	160-524
163	A	Target Summary Bundle Module	35
200	A	Wireless Voice Non-Call Summary	040
201	A	Wireless Voice Call Summary by Toll Type	041-066
202	A	Wireless Voice Call Summary by Call Type	055-172
203	A	Wireless Data Call Summary	027
204	A	Wireless Data Call Summary by Call Type	055-172
205	A	Wireless Voice Details	023
210	A	Wireless Event Detail Voice Specific	117
212	A	Wireless Event Detail Data Specific	089
213	B	Wireless Share Group	200
214	A	Wireless Usage Grouping	097
999	A	End of Modules	004

## Module to Record Relationship Matrix

Module Number	Module Name	Applicable Records
003	Multi-line Text Code Module	All
004	Short Text Module	All
008	NBBE Account Information Module	10/00
009	Centrex Summary Module	70/00
012	NBBE Miscellaneous Credits Additional Info	20/00
018	NBBE Product Level Re-rate Module	30/00, 35/00, 45/00, 55/00, 60/00, 65/00, 67/00, 70/00, 80/00, 85/00
023	NBBE NICB Account Level Contract Information Module	10/00
024	Contract Identification Detail Level Module	30/00, 35/00, 45/00, 55/00, 60/00, 65/00, 67/00, 70/00, 80/00, 85/00
027	International Invoice Account Information Module	10/00
029	Email Address Module	10/11, 25/40, 25/41
031	Past Due Amounts Module	10/00, 20/00
034	Charge Code Identifier Charge Code Identifier (CCID) Module	62/00
035	Call Line Identifier Module	62/00, 71/00
037	Parent Module	10/00
038	Node Type Module	10/00
039	Text Pointer Module	All
045	Product Line Code Module	62/00, 71/00
046	Jurisdiction Identification Module	62/00
047	Circuit Attribute Module	62/00, 71/00
048	Expanded Tax/Surcharge Module	25/50, 30/00, 62/00, 64/00, 64/50, 71/00
049	Usage Grouping Module	62/00
050	Inter-exchange Carrier Selection Data Module	70/00
051	Detail Charge Information Module	60/00
056	Voice Trunk Module	62/00
057	IP Service ID Module	62/00, 71/00
058	Generic Product Description	62/00, 71/00
059	Expanded Currency Conversion Factor	10/00
062	Supplemental Debit/Credit Note Detail Module	62/00, 64/50, 71/00
065	Tax Summarization Key Module	62/00, 64/50
066	Usage Surcharge Information Module	62/00
067	Generic Code Module	10/00, 62/00, 64/00, 64/50, 65/00, 70/00, 71/00
069	CPE Quote Module	65/00, 70/00, 71/00
070	Product Information Module	30/00, 35/00, 45/00, 50/00, 55/00, 60/00, 65/00, 67/00, 70/00, 75/00, 80/00, 85/00
071	Product Information Array Module	80/00
072	Product Information Overflow Array Module	80/00
074	Contract Line Item Module	30/00, 35/00, 45/00, 55/00, 60/00, 62/00, 65/00, 70/00, 71/00, 80/00
075	Purchase Order Number Module	10/00, 70/00

Module Number	Module Name	Applicable Records
076	Product Line Item Module	65/00, 70/00
077	Supplemental Data Identifier	All Records
079	Expanded Supplemental Data Identifier Module	All records
081	ESG Adjustment Tracking Number Module	20/00, 65/00
082	Retained Accounts USOC Module	71/00
084	Account Transaction Date Module	10/00
092	CABS Unit Pricing Module	70/00
093	DSNA Identifier Module	35/00
097	Long Text Module	All Records
098	Related Product Information Module	71/00
099	<b>Enhanced Text Pointer Module</b>	62/00,64/50,71/00
101	Signed Quantity and Rate Module	71/00
102	Bill Bundle Identifier Module	10/00
103	Feature Detail Module	62/00
104	Additional Call Detail Module	62/00
106	Generic Date Range Module	10/00, 25/00, 62/00, 71/00
107	Generic Count Module	All Records
108	Enhanced Generic Amount Module	All Records
109	Generic Amount Module	All Records
110	Extended Phrase Code Module	All Records
111	Circuit Sub Services Module	71/00
112	City-State Module	62/00, 71/00, 65/00, 70/00,
113	Product Grouping Module	25/50, 30/00, 61/00, 62/00, 64/00, 64/50, 65/00, 70/00, 71/00
114	Contract Fulfillment Account Attributes Module	10/00
115	Grouping Module	71/00
116	Usage Amount Module	29/00, 30/00, 62/00, 63/00, 71/00
117	Conferencing Attributes Module	62/00, 71/00
118	Video Conference Attributes Module	62/00
120	Generic Amount with Floating Decimal Module	All Records
124	Per Call Surcharges Module	62/00, 64/00, 64/50
125	Additional Circuit Data Module	62/00, 71/00
126	Promotion Information Module	20/00, 62/00, 71/00
128	Expanded Amount Module	10/00, 62/00, 71/00
129	Enhanced Call Routing (ECR) Call Detail Module	62/00
130	Enhanced Call Routing (ECR) Feature Detail Module	62/00
140	Resource Unit (RU) Billing Module	71/00
200	Wireless Voice Non-Call Summary	63/00
201	Wireless Voice Call Summary by Toll Type	63/00
202	Wireless Voice Call Summary by Call Type	63/00
203	Wireless Data Call Summary	63/00
204	Wireless Data Call Summary by Call Type	63/00
205	Wireless Voice Details	63/50
210	Wireless Event Detail Voice Specific	63/50
212	Wireless Event Detail Data Specific	63/50
213	Wireless Share Group	72/00
300	IPCC Usage Detail Information	62/00
999	End of Modules	All records



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There are three fields, which are common to all of the modules defined in this specification. They are Module Number, Module Version and Module Length.

- Module Number – A three position numeric field that identifies the module
- Module Version – A one-position alpha field that identifies the module version. The initial version of a module will contain an “A” in the “Module Version” field. Subsequent versions of a module will follow in alphabetical order.
- Module Length – A three-position numeric field that will contain the total length of the module, i.e., Module Number plus Module Version plus Module Length plus Module Data equals Module Length.

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### 4.110 Multi-line Text Code Module 003

This module is used to pass along the code for multiple line text messages. The codes are needed by online bill presentment and paper bill formatting applications that use the VZ450 as their input. The codes are used to retrieve the full text from a reference table and make it unnecessary to pass the full text through the internal VZ450 file to the VAM Gateway. The start and end dates must always be populated.

Text processing has been enhanced with this release to eliminate some of the data redundancies inherent in prior releases.<sup>5</sup> The '20' text sub record can now be used to pass static text once per file. The text will be tagged with a text code that can then be referenced by the 'Multi-line Text Code' Module<sup>6</sup> at a detail record level. Three new fields were added to the '20' sub record for this enhancement: Text Code, Text Start Date and Text Stop Date.

When the enhanced features of the '20' sub record are utilized, the mappings will be as follows:

- CAP:
  - Record Level = 0
  - Record Number = 00
  - Sub-record Number = 20
  - Sequence Number = 1 through Nth with restart occurring at appearance of first account level '00' record.
  - Master Account Number = zeroes
  - Billed Account Number = zeroes
  - Working Telephone Number = Spaces
  - Basic Service Code = space
  - Adjustment Line Code = space
  - Module Indicator = space
  - Text Indicator = space
  - Overflow Indicator = space
  - Regulatory Bucket Display Code = space
  - Sub Carrier Identification = spaces
  - Bill Page Number = zeroes
  - Item Number = zeroes

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<sup>5</sup> The problem is that static text such as Bill Messages and FYIs are being formatted at the individual account level today causing significant increases in transmitted file sizes as well as growing our various data repositories.

<sup>6</sup> See Appendix 'A' for definition of Multi-line Text Code Module

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- Associated Billing Account Number = spaces
  - Associated Charge Code = spaces
  - Global Item Reference Number = zeroes
  - Customer ID = initialized
  - Invoice Billing Indicator = space
  - State Code = 'XX' when text is applicable to multiple states and specific state values as appropriate<sup>7</sup>
  - Entity Code = populated with valid entity code for text owner, i.e. '00698' if Verizon text
  - Bill Date = zeroes
  - Classification Code = space
  - Pricing Plan Code = spaces
  - Revenue Identifier Code = space
  - Revenue Identifier = spaces
  - Paper Bill Indicator = populated as defined in the CAP 'Paper Bill Indicator' field
  - Associated Bill Section Code = spaces
  - '20' sub record
    - Text Line Number = populated as defined in the '20' sub record
    - Total Number Text Lines = populated as defined in the '20' sub record
    - Text - 1 = populated as defined in the '20' sub record
    - Text - 2 = populated as defined in the '20' sub record
    - Text Code = assigned by formatting application to uniquely identify code within their billing system
    - Text Start Date = populated with the date that the text can start being used. Needed by downstream processes such as remake.
    - Text Stop Date = populated with date that the text can no longer be used after. Needed by downstream processes such as remake.
    - Text Location Code = populated as defined in the '20' sub record
    - Text type = populated as defined in the '20' sub record
  - The enhanced process can also be used for the uniform processing of invoice ready billing text. The file level records would be populated as described above with the following exceptions:
    - Invoice Billing Indicator = 'T', 'L' or 'A' as described in CAP definition for Invoice Billing Indicator
    - Text Line Number = zeroes (applicable information is located within the '4351XX' records)
    - Total Number Text Lines = zeroes (applicable information is located within the '4351XX' records)
    - Text - 1 = populated with first 110 bytes of EMI '4351XX' records

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<sup>7</sup> See CAP State Code definition for complete population rules

Text – 2 = populated with second 110 bytes of EMI ‘4351XX’ records  
 Text Code = spaces (applicable information is located within the ‘4351XX’ records)  
 Text Start Date = zeroes (applicable information is located within the ‘4351XX’ records)  
 Text Stop Date = zeroes (applicable information is located within the ‘4351XX’ records)

C T R	Multi-line Text Code Module 003 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
1	Module Number	9(3)	1-3	9DR	See above for description Valid value = 003	
2	Module Version	X(1)	4-4	XDL	See above for description Valid value = C	
3	Module Length	9(3)	5-7	9DR	See above for description Valid Value = 053	
4	MultiLine Text Code 1	X(8)	8-15	XDL	Code used to retrieve multi line text messages from a National reference table. The default value for this field is spaces.	
5	Text Type 1	X(1)	16-16	XDL	Values for this field are the same values that are used in the subrecord 20. The default value for this field is zeroes. See subrecord 20 for values. NOTE: there is a definition mismatch between the module and the 0020 record. This field should be a text field, but was defined as numeric. We will not report an error on this field until the field can be updated. Must equal the value of the Text Type on the matching 0020 record This field is not required to be populated and may be populated with the default value.	
6	Text Location Code 1	X(1)	17-17	XDL	Values for this field are the same values that are used in the subrecord 20. The default value for this field is spaces. See subrecord 20 for values. Must equal the Text Location Code on the matching 0020 record This field is not required to be populated and may be populated with the default value.	
7	Text Control Number 1	X(10)	18-27	XDL	Control Number associated with targeted marketing messages. The default value for this field is spaces.	
8	MultiLine Text Code 2	X(8)	28-35	XDL	Code used to retrieve multi line text messages from a National reference table. The default value for this field is spaces.	
9	Text Type 2	X(1)	36-36	XDL	Values for this field are the same values that are used in the subrecord 20. See subrecord 20 for values. The default value for this field is zeroes. This field is not required to be populated and may be populated with the default value.	

C T R	Multi-line Text Code Module 003 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
10	Text Location Code 2	X(1)	37-37	XDL	Values for this field are the same values that are used in the subrecord 20. See sub record 20 for values. The default value for this field is spaces. This field is not required to be populated and may be populated with the default value.	
11	Text Control Number 2	X(10)	38-47	XDL	Control Number associated with targeted marketing messages. The default value for this field is spaces.	
12	Text Priority Code 1	X(2)	48-49	XDL	A two digit code that defines the priority order of the text message for display on the paper bill. The default value for this field is spaces. Valid values are '01' through '99'.	
13	Text Position Code 1	X(1)	50-50	XDL	A one byte code that defines the physical real estate position (location) for placement of the message on the paper bill. The default value for this field is spaces. Valid values are 'A' through 'F'.	
14	Text Priority Code 2	X(2)	51-52	XDL	A two digit code that defines the priority order of the text message for display on the paper bill. The default value for this field is spaces. Valid values are '01' through '99'.	
15	Text Position Code 2	X(1)	53-53	XDL	A one byte code that defines the physical real estate position (location) for placement of the message on the paper bill. The default value for this field is spaces. Valid values are 'A' through 'F'.	

### 4.111 Short Text Module 004

This module is used to pass along miscellaneous text that appeared on the customer bill. It should be used for short, single line text strings that are associated with the data record being processed. Examples would be; single line headings, sub-headings, legends, margin messages, etc. The use of this module in these cases is more efficient than the use of a xx20 record.

C T R	Short Text Module 004 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
1	Module Number	9(3)	1-3	9DR	See above for description Valid value = 004	
2	Module Version	X(1)	4-4	XDL	See above for description Valid value = 'A'	
3	Module Length	9(3)	5-7	9DR	See above for description Valid value = 117	
4	Text Type	X(1)	8-8	XDL	Values for this field are the same values that are used in the sub record 20	
5	Text Location Code	X(1)	9-9	XDL	Values for this field are the same values that are used in the sub record 20	
6	Text Phrase Code	X(8)	10-17	XDL	This is a text phrase code that can be used to look up static text. The default value of this field is spaces. The phrase code will be used to lookup 'static' text messages associated on the short text module. Currently this field is being used in conjunction with the text phrase code that appears on the XX/30 record. Each unique Text Phrase Code will have an associated short text module with the same text phrase code for which the associated text can be obtained.	
7	Short Text	X(100)	18-117	XDL		

### 4.112 NBBE Account Information Module 008

This module is used to pass along account information needed for bill presentation by the DOC1 application. This module will be attached once on every 10/00 record.

C T R	NBBE Account Information Module 008 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
1	Module Number	9(3)	1-3	9DR	See above for description Valid value = 008	
2	Module Version	X(1)	4-4	XDL	See above for description Valid value = 'B'	
3	Module Length	9(3)	5-7	9DR	See above for description Valid value = 059	
4	Balance Transferred to Summary Bill Master	S9(9)V99	8-18	SDR	<i>For Summary Bill Master Accounts:</i> Populate with the amount of balance transferred to the Summary Bill Master when new Invoice Points join its arrangement. This is the amount displayed on NBBE SBM's previous charges section <i>For Sub-Accounts and Standalone Accounts:</i> This field should be \$0.00. Field format is S9(9)V99.	
5	Adjustments on Invoice Points	S9(9)V99	19-29	SDR	<i>For Summary Bill Master Accounts:</i> Populate with the amount of Adjustments applied on Invoice points and displayed on the Summary Bill Master's previous charges section <i>For Sub-Accounts and Standalone Accounts:</i> This field should be \$0.00. Field format is S9(9)V99.	
6	Multi-payment Indicator	9(6)	30-35	9DR	<i>For Summary Bill Master and Standalone Accounts:</i> Populate the new field using this condition: IF no payment made Set new field to all zeroes ELSE IF only a single payment made Set new field to the date the payment was made ELSE meaning multiple payments were made Set new field to all 9's. <i>For Sub-Accounts:</i>	

C T R	NBBE Account Information Module 008 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
					Not applicable. Default to zeroes.	
7	Summary Bill New Charges	S9(9)V99	36-46	SDR	<p><i>For Summary Bill Master Accounts:</i> This field would be equal to the 0100 charge code on the 25/00 record for the Summary Bill Master account.</p> <p><i>For Sub-Accounts and Standalone Accounts:</i> This field should be \$0.00. Field format is S9(9)V99.</p>	
8	Bill Mailed Date	9(6)	47-52	9DR	<p>This field will hold the bill mailed on date that appears on the face page of the NBBE bill.</p> <p>Default value of this is zeroes when not applicable.</p>	
9	Account Multi-line Indicator	9(1)	53-53	9DR	<p>This field will indicate whether the account is single line or multi-line.</p> <p>Domain values below: 0 = single line 1 = multi-line</p>	
10	Unpaid Balance Date	9(6)	54-59	9DR	<p>This field contains the date associated with the unpaid balance displayed on the bill.</p> <p>The format is YYMMDD.</p> <p>The default value for this field zeroes.</p>	



### 4.113 Centrex Summary Module 009

This module is used to report Centrex offset amounts applied at an account level and appropriated at an individual line or charge level.

This module may be attached to a 70/00 record sent by NPD at the Centrex BTN level.

C T R	Centrex Summary Module 009 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
1	Module Number	9(3)	1-3	9DR	See above for description Valid value = 009	
2	Module Version	X(1)	4-4	XDL	See above for description Valid value = 'B'	
3	Module Length	9(3)	5-7	9DR	See above for description Valid value = 040	
4	Centrex Total Summary Amount	S9(9)V99	8-18	SDR	This is the net total amount of the Centrex charge at a BTN level. It reflects the Centrex Amount with the Centrex Offset applied. The default value for this field is zeroes. Format is S9(9)V99.	
5	Centrex Net Summary Rate	S9(9)V99	19-29	SDR	This is the net rate obtained from the Centrex Rate with the Centrex Offset rate applied. The default value for this field is zeroes. Format is S9(9)V99.	
6	Centrex Total Summary Offset	S9(9)V99	30-40	SDR	This is the sum of any Centrex Offset details. The default value for this field is zeroes. Format is S9(9)V99.	

#### 4.114 NBBE Miscellaneous Credits Additional Info 012

This module will be attached to record 20 when additional information is needed to describe the adjustment record. This module can only appear once in the record. NBBE does detailed adjustments related to call detail data that appear in the adjustment section of the bill.

C T R	NBBE Miscellaneous Credits Additional Info Module 012 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
1	Module Number	9(3)	1-3	9DR	See above for description Valid value = 012	
2	Module Version	X(1)	4-4	XDL	See above for description Valid value = 'A'	
3	Module Length	9(3)	5-7	9DR	See above for description Valid value = '070'	
4	Miscellaneous Credit Type	X(1)	8-8	XDL	This identifies the type of miscellaneous credit. There is no default value for this field. Domain Values: 'O' – Other Credits – Toll 'S' – Other Credits – State Tax 'C' – Card Call Credits 'B' – Billed on Behalf Sub-carrier Credits 'T' – Tax and Surcharges Credits	
5	Time of Call	9(6)	9-14	9DR	This is the time when the call is placed. This field will be populated by NBBE on the credited usage as well as the state tax associated with it. Default value of zeroes.	
6	To Number	X(16)	15-30	XDL	This is the called-number. This field will be populated by NBBE on the credited usage as well as the state tax associated with it. Default value of spaces.	
7	Type of Call	X(6)	31-36	XDL	This describes the placement of the call. Default value of spaces.	
8	Rate of Call	X(5)	37-41	XDL	This is the rate of the call. Default value of spaces.	
9	Minutes of Call	9(7)	42-48	9DR	This is the duration of the call. This is an integer field. Default value of zeroes.	
10	From Number	X(16)	49-64	XDL	This is the called-from number.	

C T R	NBBE Miscellaneous Credits Additional Info Module 012 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
					Default value of spaces.	
11	Calling Card Number	X(4)	65-68	XDL	This is populated with the calling card number when applicable. Default value of spaces.	
12	Tax and Surcharges Type	9(2)	69-70	9DR	This identifies the type of tax and surcharges being credited. This is an integer field. Domain values: 01 – Federal Subscriber Line Charge 02 – Billing Surcharge 03 – Virginia Relay Center Surcharge 04 – Telecommunications Access Fee 05 – Subscriber Plant Factor 06 – Federal Tax 07 – State Tax 08 – Local Tax Default value of zeroes	

### 4.115 NBBE Product Level Re-Rate 018

This module is used to relate information related to charges that are re-rated by NBBE as part of the National ICB process. It may be attached to any detail VZ450 charge record. This module will contain the individual product/service rate as well as determinants relevant to how a discount was populated. The base record that the module is attached to will contain the re-rated charge amount after discounting/customer specific pricing is applied by NBBE. It is used within NBBE to represent discount data between applications, as well as 'externally' on the billed data VZ450's sent to VAM.

C T R	NBBE Product Level Re-Rate Module 018 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
1	Module Number	9(3)	1-3	9DR	See above for description Valid value = 018	
2	Module Version	X(1)	4-4	XDL	See above for description Valid value = 'A'	
3	Module Length	9(3)	5-7	9DR	See above for description Valid Value = 260	
4	Contract ID	X(32)	8-39	XDL	Contains the ECMS assigned contract id. The default value for this field is spaces.	
5	Plan Type	X(2)	40-41	XDL	The default value for this field is spaces. Valid values: 'VR' = Rerate Plan 'VC' = Discount Plant	
6	Plan POF	X(8)	42-49	XDL	Product Offering Family for the Plan, not the product being discounted. In combination with Plan POE and Plan REM, is used to uniquely identify the Plan. The default value for this field is spaces.	
7	Plan POE	X(8)	50-57	XDL	Product Offering Element for the Plan, not the product being discounted. In combination with Plan POF and Plan REM, is used to uniquely identify the Plan. The default value for this field is spaces.	
8	Plan REM	X(8)	58-65	XDL	Rate Element for the Plan, not the product being discounted. In combination with Plan POF and Plan POE, is used to uniquely identify the Plan. The default value for this field is spaces.	
9	Phrase Code	X(3)	66-68	XDL	Phrase code for 'spontaneous' OCC's that are created within NBBE for various scenarios related to contract re-rating (i.e. rate changes, fractional charges, bill round changes, contract termination, etc.)	

C T R	NBBE Product Level Re-Rate Module 018 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
					The default value for this field is spaces. Valid values: 'EX1' = Re-rate phrase 'EX2' = Discount phrase	
10	Record Type	X(2)	69-70	XDL	Defines internal record type used within the NBBE applications to carry re-rated data/ The default value for this field is spaces. Values are : '09' = VC record type 'RE' = Retro Adjustment 'SF' = Shortfall 'TL' = Term Liability	
11	Contract Type	X(1)	71-71	XDL	Defines the type of contract at a less granular level than Plan Type definition of a contract. The default value for this field is spaces. Valid values: 'R' = Re-rate Contract 'D' = Discount Contract	
12	Original Charge - \$	S9(9)V9(6)	72-86	SDR	Contains the original VZ450 charge for the item on the record to which this module is attached before any re-rate or discount was applied. Format is S9(9)V9(6). The default value for this field is zeroes.	
13	Reserved	X(15)	87-101	XDL	The default value for this field is spaces.	
14	Contract Unit Rate - \$	S9(9)V9(6)	102-116	SDR	Contains the new rate for the product in a re-rating scenario. It is the contracted rate for the product. Format is S9(9)V9(6). The default value for this field is zeroes.	
15	Re-Rate Gross Charge - \$	S9(9)V9(6)	117-131	SDR	Not applicable in a Discount scenario (re-rate only).  Same as contract unit rate but in fractional scenarios it represents the partial month charge. Only applicable if contract rate has been applied. And in a contract scenario, this would be actual contract amount that we are charging the customer.  Format is S9(9)V9(6).	

C T R	NBBE Product Level Re-Rate Module 018 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
					The default value of this field is zeroes.	
16	Eligible Charge - \$	S9(9)V9(6)	132-146	SDR	<p>Amount or charges eligible for a discount. Not applicable for contract re-rating scenario.</p> <p>Only applicable for discounting scenario. If a discount scenario then this would contain the amount of charges that are eligible for a discount. Example: If legacy charge was 100.00 and contract rate brings it down to 80.00. Then the charges eligible for the discount would be 80.00, not 100.00.</p> <p>Whatever is used as GROSS for the discount. Format is S9(9)V9(6).</p> <p>The default value of this field is zeroes.</p>	
17	Discount Percentage	S9(3)V9(4)	147-153	SDR	<p>Not applicable for contract re-rating scenario.</p> <p>For discount scenario, it would be populated with the percentage "off" that is being given. Example 10%.</p> <p>For TBR we do a flat rate or a discount %. Thus, If contract type = D and Discount % not populated, THEN this is automatically a flat rate discount scenario. Format is S9(3)V9(4). The default value for this field is zeroes.</p>	
18	Discount Amount - \$	S9(9)V9(6)	154-168	SDR	<p>For discounts only.</p> <p>In a discount scenario, this is the actual discount credit amount. (example: if the percentage off is 10% and the eligible amount is 100.00, then the discount credit will be populated with - 10.00.) Format is S9(9)V9(6). The default value for this field is zeroes.</p>	
19	Reserved	X(15)	169-183	XDL	The default value for this field is spaces.	
20	Contract Start date	9(6)	184-189	9DR	Start date that contract is effective.	

C T R	NBBE Product Level Re-Rate Module 018 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
					Format is YYMMDD. The default value for this field is zeroes.	
21	Contract End Date	9(6)	190-195	9DR	End date that contract is effective. Format is YYMMDD. The default value for this field is zeroes.	
22	NBBE Tracking Number	9(10)	196-205	9DR	NBBE internally generated tracking number assigned to every discount. The default value for this field is zeroes.	
23	Reserved	X(55)	206-260	XDL	The default value for this field is spaces.	

### 4.116 NBBE NICB Account Level Contract Information Module 023

This module is used to capture account level contract attributes for National Individual Case Basis contracts billed from NBBE. It may be attached to a record 10/00. One or more modules may be attached to a single record 10/00 since one or more contracts may apply to a single account. This module will be used for bill display on the portal to display contract attributes at the account level.

C T R	NBBE NICB Account Level Contract Information Module 023 Field Name	PIC	POS	ATTR	Descriptions/Values
1	Module Number	9(3)	1-3	9DR	See above for description Valid value =023
2	Module Version	X(1)	4-4	XDL	See above for description Valid Value = 'B'
3	Module Length	9(3)	5-7	9DR	See above for description Valid Value = 111
4	Contract Number	X(32)	8-39	XDL	Contains the ECMS assigned contract id. The default value for this field is spaces
5	Contract Start Date	9(6)	40-45	9DR	Contains the start date associated with the contract. The default value of this field is zeros. Format is YYMMDD
6	Contract End Date	9(6)	46-51	9DR	Contains the end date associated with the contract. Format is YYMMDD
7	Contract TermIn Months	9(3)	52-54	9DR	Contract duration measured in months. The default value for this field is zeros.
8	Contract Termin Days	9(2)	55-56	9DR	Contract duration measured in days. The default value for this field is zeros. Format is PIC 9(2).  Note: you may actually have a contract for which there is NO MONTHS, only DA YS.
9	Contract Type	X(3)	57-59	XDL	Contains a NICB contract indicator. Possible domain values include: NCB - NICB Re-rate contract NCC - NICB Combo contact NCV - NICB Volume-only contract  Format is PIC X(3).



C T R	NBBE NICB Account Level Contract Information Module 023 Field Name	PIC	POS	ATTR	Descriptions/Values
10	Contract Description	X(30)	60-89	XDL	Contains a NICB Contract Description. IF contract type=NCB THEN populate as 'Re-rate Contract'. IF contract type=NCC THEN populate as 'Combo Contract'. IF contract type=NCV THEN populate as 'NICB Volume only Contract'.  Format is PIC X(30).
11	Contract Ramp-Up Start Date	9(6)	90-95	9DR	Contains the start date for the contract ramp up period. The default value of this field is zeros. Format is YYMMDD
12	Contract Ramp-Up End Date	9(6)	96-101	9DR	Contains the end date for the contract ramp up period. The default value of this field is zeros. Format is YYMMDD  IT WILL NOT APPEAR in the portal display or the paper bill doc 1 display.  If it is populated in the EPS table, Media will populate it on the vz450.
13	Ramp-Up Indicator	X(1)	102-102	XDL	Y or N If ramp up period is currently in effect as of the billing, then Media will set this indicator to Y. If ramp up dates are populated, perform the following checks: IF RAMP UP END DATE >= current bill round date Move 'Y' to the RAMP UP INDICATOR ELSE Move 'N' to RAMP UP INDICATOR.  The RAMP UP INDICATOR field will be used by DOC1 and PORTAL, to trigger the following message: IF ramp up indicator = Y then the message text as follows will be written by doc 1 and portal in the contract display: 'Contract is currently under a ramp up period.'

C T R	NBBE NICB Account Level Contract Information Module 023 Field Name	PIC	POS	ATTR	Descriptions/Values
					Format is PIC X(1).
14	Contract Evergreen Indicator	X(1)	103-103	XDL	<p>rule: if contract end date is high values, it is an evergreen contract. and Media will set this field will = Y, Else N.</p> <p>The message below will be displayed by doc1 and portal, if Media has set the INDICATOR field to Y: 'Contract is an evergreen contract'. Also doc1 and portal will move spaces to the 'contract expiration' column of the DISPLAY, rather than showing the high values in the end date.</p> <p>Format is PIC X(1).</p>
15	Amendment Number	9(2)	104-105	9DR	<p>This is a separate field in the EPS tables and it will be a 2 byte field. Value examples are: 01, 02, 03, etc. Only one amendment can be live at one time on a contract.</p> <p>Format is PIC 9(2).</p>
16	Amendment Effective Date	9(6)	106-111	9DR	<p>Contains the date for the last amendment made to the contract. The default value of this field is zeros. Format is YYMMDD</p> <p>IF the amendment number is populated, the amendment effective date field will also be populated.</p>

### 4.117 NBBE Contract Identification Detail Level Module 024

This module is used to capture the contract number associated with each detail item. This is the link from the account level contract to each detail item under that contract. This module may be attached to record 30/00, 35/00, 45/00, 55/00, 60/00, 65/00, 67/00, 70/00, 80/00, 85/00. One or more modules may be attached to a single detail record since one or more contracts may apply to a single item. This module will be used for bill display on the portal to link account level contracts to the individual items covered under that contract.

C T R	NBBE Contract Identification Detail Level Module 024 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
1	Module Number	9(3)	1-3	9DR	See above for description Valid value = 024	
2	Module Version	X(1)	4-4	XDL	See above for description Valid Value = 'A'	
3	Module Length	9(3)	5-7	9DR	See above for description Valid Value = 039	
4	Contract Number	X(32)	8-39	XDL	Contains the ECMS assigned contract id. The default value for this field is spaces	

**4.118 International Invoice Account Information Module 027**

This module is used to pass account level data associated to international invoices. This may be attached to the 10/00 record.

C T R	International Invoice Account Information Module 027 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
1	Module Number	9(3)	1-3	9DR	See above for description Valid value = 027	
2	Module Version	X(1)	4-4	XDL	See above for description Valid Value = 'D'	
3	Module Length	9(3)	5-7	9DR	See above for description Valid Value = 058	
4	VAT ID	X(20)	8-27	XDL	A unique alphanumeric code released by each country to their citizens and organizations related to Value Added Tax ( <i>a tax that is added to the value of a product when it is manufactured and is paid by the customer at the time of purchase</i> ). The default value for this field is spaces.	
5	Currency Code	X(3)	28-30	XDL	Code to represent the currency of choice for a customer's bill. In currency conversion scenarios, this field contains the convert from conversion code. The default value for this field is spaces. Values are: AED = United Arab Emirates Dirham ALL = Albanian Lek ANG = Netherlands Antilles Guilder ARS = Argentine Peso AUD = Australian Dollar AWG = Aruban Guilder BBD = Barbados Dollar BGN = Bulgarian Lev BHD = Bahraini Dinar BIF = Burundi Franc BOB = Bolivian Boliviano BRL = Brazilian Real BWP = Botswana Pula CAD = Canadian Dollar	

C T R	International Invoice Account Information Module 027 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
					CHF = Swiss Franc CLP = Chilean Peso CNY = China Renminbi COP = Colombian Peso CRC = Costa Rican Colon CZK = Czech Koruna DKK = Danish Krone DOP = Dominican Peso ECS = Ecuadorean Sucre EGP = Egyptian Pound EUR = Euro FJD = Fiji Dollar GBP = British Pound Sterling GTQ = Guatemalan Quetzal HKD = Hong Kong Dollar HRK = Croatian Kuna HUF = Hungarian Forint IDR = Indonesian Rupiah ILS = Israeli Shekel INR = Indian Rupee JMD = Jamaican Dollar JOD = Jordanian Dinar JPY = Japanese Yen KES = Kenyan Shilling KRW = South Korea WON KZT = Kazakhstan Tenge LTL = Lithuanian Litas LVL = Latvian Lats MAD = Moroccan Dirham MDL = Moldova Leu MUR = Mauritis Rupee MXN = Mexico Peso MYR = Malaysian Ringgit NAD = Namibia Dollar NGN = Nigerian Naira	

C T R	International Invoice Account Information Module 027 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
					NOK = Norwegian Krone NZD = New Zealand Dollar OMR = Omani Rial PAB = Panamanian Balboa PEN = Peruvian New Sol PHP = Philippines Peso PKR = Pakistan Rupee PLN = Polish Zloty PYG = Paraguay Guarani QAR = Qatar Rial ROL = Romanian Leu RON = New Romanian Leu RSD = Serbian Dinar RUB = Russian Ruble SAR = Saudi Riyal SCR = Seychelles Rupee SDR = Special Drawing Rights SEK = Swedish Krona SGD = Singapore dollar SVC = El Salvador Colon THB = Thai Baht TND = Tunisia Dinar TRY = New Turkish Lira TTD = Trinidad/Tobago Dollar TWD = Taiwan Dollar UAH = Ukrainian Grivna USD = US Dollar UYU = Uruguay Peso Uruguayo VEB = Venezuelan Bolivar VEF = Venezuelan Bolivar Fuerte XAF = CFA Franc BEAC ZAR = South African Rand ZMK = Zambian Kwacha	
6	To Currency Code	X(3)	31-33	XDL	In currency conversion scenarios, this field contains the convert to conversion code. The default value for this field is spaces.	

C T R	International Invoice Account Information Module 027 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
					Values are: AED = United Arab Emirates Dirham ALL = Albanian Lek ANG = Netherlands Antilles Guilder ARS = Argentine Peso AUD = Australian Dollar AWG = Arubian Guilder BBD = Barbados Dollar BGN = Bulgarian Lev BHD = Bahraini Dinar BIF = Burundi Franc BOB = Bolivian Boliviano BRL = Brazilian Real BWP = Botswana Pula CAD = Canadian Dollar CHF = Swiss Franc CLP = Chilean Peso CNY = China Renminbi COP = Colombian Peso CRC = Costa Rican Colon CZK = Czech Koruna DKK = Danish Krone DOP = Dominican Peso ECS = Ecuadorean Sucre EGP = Egyptian Pound EUR = Euro FJD = Fiji Dollar GBP = British Pound Sterling GTQ = Guatemalan Quetzal HKD = Hong Kong Dollar HRK = Croatian Kuna HUF = Hungarian Forint IDR = Indonesian Rupiah ILS = Israeli Shekel INR = Indian Rupee	

C T R	International Invoice Account Information Module 027 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
					JMD = Jamaican Dollar JOD = Jordanian Dinar JPY = Japanese Yen KES = Kenyan Shilling KRW = South Korea WON KZT = Kazakhstan Tenge LTL = Lithuanian Litas LVL = Latvian Lats MAD = Moroccan Dirham MDL = Moldova Leu MUR = Mauritis Rupee MXN = Mexico Peso MYR = Malaysian Ringgit NAD = Namibia Dollar NGN = Nigerian Naira NOK = Norwegian Krone NZD = New Zealand Dollar OMR = Omani Rial PAB = Panamanian Balboa PEN = Peruvian New Sol PHP = Philippines Peso PKR = Pakistan Rupee PLN = Polish Zloty PYG = Paraguay Guarani QAR = Qatar Rial ROL = Romanian Leu RON = New Romanian Leu RSD = Serbian Dinar RUB = Russian Ruble SAR = Saudi Riyal SCR = Seychelles Rupee SDR = Special Drawing Rights SEK = Swedish Krona SGD = Singapore dollar SVC = El Salvador Colon	



C T R	International Invoice Account Information Module 027 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
					THB = Thai Baht TND = Tunisia Dinar TRY = New Turkish Lira TTD = Trinidad/Tobago Dollar TWD = Taiwan Dollar UAH = Ukranian Grivna USD = US Dollar UYU = Uruguay Peso Uruguayo VEB = Venezuelan Bolivar VEF = Venezuelan Bolivar Fuerte XAF = CFA Franc BEAC ZAR = South African Rand ZMK = Zambian Kwacha	
7	Company Registration Code	X(4)	34-37	XDL	Contains the code that defines the legal fMCI entity for each international company. The default value for this field is spaces.	
8	Currency Conversion Factor	9(4)V9(8)	38-49	9DR	The current conversion rate at which the currency code may be converted to the To Currency Code. The rate reflects the conversion factor at the time the invoice was rendered. Format is 9(4)V9(8). The default value for this field is zeroes.	
9	Language Code	X(3)	50-52	XDL	A three character value that defines the language in which a bill is presented to a customer. For use in the fMCI international billing arena. The default value for this field is spaces. ALB = Albanian BEF = Belgian French BRP = Brazilian Portuguese BUL = Bulgarian CAF = Canadian French CHI = Simplified Chinese CZE = Czech DAN = Danish DEU = German DUT = Dutch ENG = English (UK) EST = Estonian	

C T R	International Invoice Account Information Module 027 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
					FIN = Finnish FRA = French FSW = Swiss French GRE = Greek GSW = Swiss German HRV = Croatian HUN = Hungarian ITA = Italian JPN = Japanese LAV = Latvian LIT = Lithuanian NLD = Dutch, Flemish NOB = Norwegian (Bokmål) NOR = Norwegian OST = Austrian German POL = Polish POR = Portuguese ROU = Romanian RUS = Russian SLE = Slovene SLO = Slovak SPA = Spanish SRP = Serbian SWE = Swedish TUR = Turkish UKR = Ukrainian ZHO = Chinese EN1 = Australian English EN2 = Japanese English EN3 = South Asia English EN4 = North Asia English EN5 = American English EN6 = English (Canadian) EN7 = English (India)	
10	Currency Use Indicator	9(2)	53-54	9DR	Delineates the use of the from and to currency fields and how they relate to the display	

C T R	International Invoice Account Information Module 027 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
					of billable amounts and billable currency. Format is 9(2). The default value for this field is zeroes. 01 = Currency conversion is limited to total amount due and is billable currency 02 = Currency conversion is limited to total amount due and is informational only 03 = Currency conversion is applicable for all currency amounts on invoice 04 = Currency conversion is applicable for all currency amounts on invoice. The customer may pay with either one or the displayed currencies 05 = Currency conversion is applicable to invoice front page only 06 = Currency conversion limited to VAT/GSP only	
11	CustomerTaxCategory	X(1)	55-55	XDL	Customer TaxCategory for Argentina. Default value is space. Valid values: '1' = Responsible Enrolled '2' = Responsible Not Enrolled '3' = Responsible for Special Tax '4' = Tax Exempt '5' = Final Consumer '6' = Final Consumer Export	
12	Country Code	X(3)	56-58	XDL	International Organization for Standardization (ISO) Country Code. The default value for this field is spaces.	

**4.119    Email Address Module 029**

This module is used to pass along the email address for the Entity Contact Information on the Sub-record Number 40

This module can only be attached to record/sub-record numbers 10/11, 25/40 and 25/41 and can appear multiple times per record.

C T R	Email Address Module 029 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
1	Module Number	9(3)	1-3	9DR	See above for description Valid Value = 029	
2	Module Version	X(1)	4-4	XDL	See above for description Valid Value = A	
3	Module Length	9(3)	5-7	9DR	See above for description Valid Value = 067	
4	Email Address	X(60)	8-67	XDL	Email address. The default value for this field is spaces.	

### 4.120 Past Due Amounts Module 031

This module is used to pass Past Due Amount information on the 10/00 and 20/00 records.

It can only appear once per record. This module is an account summary of past due amounts by time frame and doesn't apply to any particular invoice number. Hence, the information on 20/00 record is not directly related to this module (i.e. the audit number or date on the 20/00 record is not directly related to this module).

C T R	Past Due Amounts Module 031 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
1	Module Number	9(3)	1-3	9DR	See above for description Valid Value = 031	
2	Module Version	X(1)	4-4	XDL	See above for description Valid Value = A	
3	Module Length	9(3)	5-7	9DR	See above for description Valid Value = 067	
4	Amount Due 0-30 Days - \$	S9(13)V9(2)	8-22	SDR	Format is S9(13)V9(2) The default value for this field is zeroes.	
5	Amount Due Over 30 Days - \$	S9(13)V9(2)	23-37	SDR	Format is S9(13)V9(2) The default value for this field is zeroes.	
6	Amount Due Over 60 Days - \$	S9(13)V9(2)	38-52	SDR	Format is S9(13)V9(2) The default value for this field is zeroes.	
7	Amount Due Over 90 Days - \$	S9(13)V9(2)	53-67	SDR	Format is S9(13)V9(2) The default value for this field is zeroes.	

### 4.121 Charge Code Identifier (CCID) Module 034

This module is used to convey the Dial Code, Charge Code Identifier (CCID) and Extension information that needs to be included to correlate to report EMEA CDR summaries.

The Charge Code Identifier (CCID) Module may be attached to a 62/00 record

C T R	CCID Module 034 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
1	Module Number	9(3)	1-3	9DR	See above for description Valid value = 034	
2	Module Version	X(1)	4-4	XDL	See above for description Valid value = 'A'	
3	Module Length	9(3)	5-7	9DR	See above for description Valid value = 112	
4	Dial Code	X(20)	8-27	XDL	Dial Code prefix.	
5	CCID	9(5)	28-32	9DR	Charge Code identifier to represent call distances.	
6	Extension	X(30)	33-62	XDL	Extension identifier used for Extension Summary reporting. The default value for this field is spaces.	
7	Terminating City/Country	X(50)	63-112	XDL	City or Country called.	

### 4.122 Call Line Identifier (CLI) Module 035

This module is used to convey the Call Line Identifier (CLI) as a Working Telephone Number (WTN), Originating Number or Terminating Number. When used to convey WTN, the Working Telephone Number in the CAP will be populated with CLI and this module must be attached.

The Call Line Identifier (CLI) Module may be attached to a 62/00 or 71/00 record.

C T R	CLI Module 035 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
1	Module Number	9(3)	1-3	9DR	See above for description Valid value = 035	
2	Module Version	X(1)	4-4	XDL	See above for description Valid value = 'A'	
3	Module Length	9(3)	5-7	9DR	See above for description Valid value = 079	
4	CLI Use Indicator	X(2)	8-9	XDL	This field provides codes to distinguish the use of the CLI being provided. There is no default for this field. Valid values: 'ON' = Working Telephone/Originating Number 'TN' = Terminating Number	
5	CLI Number	X(70)	10-79	XDL	The CLI is treated similarly to the Working Telephone Number. CLI is an identification of a line or web address. When the Working Telephone Number in the CAP is populated with 'CLI', this module is attached to the record  This value is also used as the originating or terminating number.	

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### 4.123 Parent Module 037

This module is used to provide Parent Node Type and Customer Number information. It may be attached to a 10/00 record.

C T R	Parent Module 037 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
1	Module Number	9(3)	1-3	9DR	See above for description Valid value = 037	
2	Module Version	X(1)	4-4	XDL	See above for description Valid value = 'A'	
3	Module Length	9(3)	5-7	9DR	See above for description Valid value = 023	
4	Node Indicator	X(1)	8-8	XDL	This field provides codes to distinguish the type of parent node. There is no default for this field. Valid values: 'A' = Advice (reporting) 'I' = Invoice (billing)	
5	Parent Customer Number	X(15)	9-23	XDL	Customer Number of the parent node. Default value is spaces.	



### 4.124 Node Type Module 038

This module is used to convey the Type of Node: Invoice, Advice or Null. Advice and Null nodes are not remit documents; their charges are informational only.

The Node Type Module may be attached to a 10/00 record.

C T R	Node Type Module 038 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
1	Module Number	9(3)	1-3	9DR	See above for description Valid value = 038	
2	Module Version	X(1)	4-4	XDL	See above for description Valid value = 'A'	
3	Module Length	9(3)	5-7	9DR	See above for description Valid value = 008	
4	Node Indicator	X(1)	8-8	XDL	This field provides codes to distinguish the type of node being presented. There is no default for this field. Valid values: 'A' = Advice (reporting) 'I' = Invoice (billing) 'N' = None (no reporting) 'P' = Invoice (billing) with Parent Value Added Taxreporting	

### 4.125 Text Pointer Module 039

This module is used to append a text pointer code to be used to associate binary text from an associated binary text file to the Vz450 data file. Binary text files are used to display double byte character sets such as Kanji and Polish.

The Text Pointer Module may be attached to any record with text.

C T R	Text Pointer Module 039 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
1	Module Number	9(3)	1-3	9DR	See above for description Valid value = 039	
2	Module Version	X(1)	4-4	XDL	See above for description Valid value = 'A'	
3	Module Length	9(3)	5-7	9DR	See above for description Valid value = 015	
4	Text Pointer Code	X(8)	8-15	XDL	Unique value within a file, this is a code to point to the insertion of text stored in the binary file.	

### 4.126 Product Line Code Module 045

This module is used to append a Product Line ID and a Product ID Code to a detail charge. The Product Line ID and a Product ID Code are decoded with 95/00 records.

The Product Line Code Module may be attached to a 38/00, 62/00 or 71/00 record.

C T R	Product Line Code Module 045 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
1	Module Number	9(3)	1-3	9DR	See above for description Valid value = 045	
2	Module Version	X(1)	4-4	XDL	See above for description Valid value = 'A'	
3	Module Length	9(3)	5-7	9DR	See above for description Valid value = 019	
4	Product Line ID Code	X(5)	8-12	XDL	Product Line ID code to identify a particular product line, usually a higher category than a product. Field will be defaulted to spaces when module is attached to a 38/00 record or 71/00 record.	
5	Product ID Code	X(7)	13-19	XDL	Product ID code to identify a specific product. Default value is spaces.	

### 4.127 Jurisdiction Identification Module 046

This module is used to append a Jurisdiction, Point Class and Event Type ID to usage records.

The Jurisdiction Module may be attached to a 62/00 record.

C T R	Jurisdiction Identification Module 046 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
1	Module Number	9(3)	1-3	9DR	See above for description Valid value = 046	
2	Module Version	X(1)	4-4	XDL	See above for description Valid value = 'A'	
3	Module Length	9(3)	5-7	9DR	See above for description Valid value = 042	
4	Jurisdiction ID	X(5)	8-12	XDL	Code to identify Jurisdiction	
5	Point Class ID	X(5)	13-17	XDL	Code to identify Point Class. Default is spaces.	
6	Extension	X(20)	18-37	XDL	Extension Description. Default is spaces.	
7	Event Type ID	X(5)	38-42	XDL	Code to present a Usage event, for example a VOIP/IP event type.	

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### 4.128    **Circuit Attribute Module 047**

This module is used to provide circuit attribute descriptions. It may be attached to a 62/00 record.

C T R	Circuit Attribute Module 047 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
1	Module Number	9(3)	1-3	9DR	See above for description Valid value = 047	
2	Module Version	X(1)	4-4	XDL	See above for description Valid value = 'A'	
3	Module Length	9(3)	5-7	9DR	See above for description Valid value = 177	
4	A Company	X(75)	8-82	XDL	Description of Originating Circuit end Default value is space	
5	B Company	X(75)	83-157	XDL	Description of Terminating Circuit end Default value is space	
6	Speed Description	X(20)	158-177	XDL	Description of speed Default value is spaces	

### 4.129 Expanded Tax/Surcharge Module 048

This module is used to report taxes and surcharges when they are available at the detail level. This functionality doesn't exist in most of the existing billing systems but it is a feature that is being requested more and more. It is needed by the online adjustment systems to properly calculate adjustments at the detail level.

Note that the structure is similar to the XX30 record and can be appended to any base record where detail level taxing and surcharge breakout is available/applicable. Also, notice that the charge code field is not part of this module because the same information would be available in the "Associated Charge Code" field within the base record's CAP area.

This module may be attached to 25/50, 30/00, 62/00, 64/00, 64/50 and 71/00 records.

C T R	Expanded Tax/Surcharge Module 048 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
1	Module Number	9(3)	1-3	9DR	See above for description Valid value = 048	
2	Module Version	X(1)	4-4	XDL	See above for description Valid value = 'C'	
3	Module Length	9(3)	5-7	9DR	See above for description Valid value = 72	
4	Tax Type Code	9(3)	8-10	9DR	This code represents the type of tax being billed. This field must be populated with one of the values listed in the "@Tax Type Code" field on the XX30.	
5	Tax Percent	V9(5)	11-15	9DR	This indicates the tax percent used to calculate the tax detail amount.	
6	Tax Amount - \$	S9(11)V9(4)	16-30	SDR	This is the tax billed for this detail record. The formula used to calculate this field is: (Tax Base Amount - \$) * Tax Percent = Tax Amount Format is S9(11)V9(4)	
7	Tax Base Amount - \$	S9(11)V9(4)	31-45	SDR	This is the detail's base amount upon which the tax was calculated. Format is S9(11)V9(4)	
8	Phrase Code	X(8)	46-53	XDL	Phrase code associated with tax literal. Can be decoded via XX/20 record or 95/00 record.	
9	Tax Category Code	X(1)	54-54	XDL	This code identifies the type of tax being billed. Valid values are listed in the Tax Category field found on Sub Records 30 and 32. The default value for this field is spaces.	

C T R	Expanded Tax/Surcharge Module 048 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
10	GEO Code	X(16)	55-70	XDL	Geo Code associated with most commercial taxing software. May be populated without TAR code being populated. The values and format are jurisdictionally defined. The default value for this field is spaces.	
11	Tax Code	X(2)	71-72	XDL	Identifies tax at the lowest BMCT TaxEngine level. The default value for this field is spaces.	

### 4.130 Usage Grouping Module 049

This module is used to convey the Line Type, Cost Center, Group Codes, and Descriptive Group of usage.

The Usage Grouping Module may be attached to a 62/00 record.

C T R	Usage Grouping Module 049 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
1	Module Number	9(3)	1-3	9DR	See above for description Valid value = 049	
2	Module Version	X(1)	4-4	XDL	See above for description Valid value = 'A'	
3	Module Length	9(3)	5-7	9DR	See above for description Valid value = 075	
4	Line Type	X(1)	8-8	XDL	Code to identify Line Type, may be associated with switch name code. Default value is space. Valid values: 'A' = AXE 'D' = DMS	
5	Cost Center Code	X(14)	9-22	XDL	Cost Center identification code Default value is spaces.	
6	Group Code	X(3)	23-25	XDL	Group Code identifier. Default value is spaces.	
7	Descriptive Group	X(50)	26-75	XDL	Descriptive identifier for grouping calls, used as a grouping of calls, such as city, used mainly for national and international calls. Default value is spaces	



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### **4.131 Inter-exchange Carrier Selection Data Module 050**

This module is used to report inter-exchange carrier selection data in a standardized fashion.. This functionality doesn't exist in most of the existing billing systems but it is a feature that is being requested more and more. It is needed by the online adjustment systems to properly calculate adjustments at the detail level.

This module can only be present on a "70/00" record. This module should be appended to each 70/00 line level record that the PIC data is currently associated with. A separate module is written for each applicable inter-exchange carrier selection type (i.e. PIC, LPIC, and IPIC).

#### **PIC Data Standardization Requirement**

The business has a need to identify and field inter-exchange carrier selection data for customer reporting purposes. Thus, a standardized approach must be implemented via the VZ450 standard to identify and classify inter-exchange carrier selection data.

PIC data is REQUIRED for LEC billing. Every WTN must have reporting of a specific PIC or the designation that the PIC is 'NONE'.

Currently, inter-exchange carrier selection data is being formatted on the following records:

- 70/20 containing floating FID text
- 70/20 containing text descriptions of type of carrier selection and carrier name (no codes are provided to distinguish PIC type or carrier)
- 70/20 containing PIC and LPIC code and name.

#### **Approach:**

A new module '050' has been defined to capture inter-exchange carrier selection information. This new module is documented below.

- Primary, Local and International Inter-exchange Carrier selection information is documented within this module for each line present on an account.
- This module will appear in conjunction with a 70/00 record.
- One or multiple modules may be appended to a single 70/00 record to provide PIC, LPIC and ICPIC information as applicable.
- At least one PIC module is required for each working telephone number. Note: Only one set of PIC modules per WTN should be sent. Receiving systems should not see a WTN with PIC modules on every 7000 record.

C T R	Inter-exchange Carrier Selection Data Module 050 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
1	Module Number	9(3)	1-3	9DR	See above for description Valid value = 050	
2	Module Version	X(1)	4-4	XDL	See above for description Valid value = 'A'	
3	Module Length	9(3)	5-7	9DR	See above for description Valid value = 024	
4	PIC Indicator	9(1)	8-8	9DR	Indicates the type of Inter-exchange carrier selection information being provided. Valid values: P = Primary Inter-exchange Carrier selection information L = Local Inter-exchange Carrier selection information I = International Inter-exchange Carrier selection information	
5	PIC CIC Code	X(5)	9-13	XDL	Carrier Identification Code used to identify inter-exchange carrier. When there is no carrier selected 'None ' will be populated in this field.	
6	PIC Carrier ACNA	X(5)	14-18	XDL	Standard Code used to identify inter-exchange carrier name.	
7	PIC Date	9(6)	19-24	9DR	Date on which inter-exchange carrier selection went into effect. Format is mm/dd/yy. This field may be populated with zeros when the PIC = NONE.	

### 4.132 Detail Charge Information Module 051

This module is used to report high level precision dollar amounts for VSSI LD usage detail for both the charge amount and associated tax amount for all charge details represented by an EMI record. This module will contain charge amounts with 6 level precision and tax amounts with 8 level precision. The charge amount is to be used for both bill display and reporting purposes. The Tax amount is to be used as input to reports and for bill display in relation to new tax section.

This module can be present on a 60/00 record. This module must be appended to every 60/00 EMI Charge detail for VSSI LD usage charges. It is important to note for VSSI LD usage data that the EMR CHARGE OR AMOUNT COLLECTED field within the 60/00 record itself will contain \$0.00. The charge amount will be only be populated within the module.

C T R	Detail Charge Information Module 051 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
1	Module Number	9(3)	1-3	9DR	See above for description Valid value = 051	
2	Module Version	X(1)	4-4	XDL	See above for description Valid value = 'C'	
3	Module Length	9(3)	5-7	9DR	See above for description Valid value = '075'	
4	Circuit ID	X(26)	8-33	XDL	Circuit ID associated with usage access facility. The default value for this field is spaces.	
5	Charge or Amount Collected - \$	S9(4)V9(6)	34-43	SDR	A ten-position signed numeric field in the format \$\$\$\$ <i>cccccc</i> . This field contains the amount for which a customer is to be billed excluding any taxes. Unlike the field in the EMI record itself, the sign will be carried in this field. The default value for this field is zeroes.	
6	Charge or Amount Collected Tax Amount - \$	S9(4)V9(8)	44-55	SDR	A twelve-position signed numeric field in the format \$\$\$\$ <i>cccccccccc</i> . This field contains the tax amount associated to each Charge amount for which a customer is to be billed. The sign will also be carried in this field. The default value for this field is zeroes.	
7	Switch/Trunk ID	9(7)	56-62	9DR	Contains the seven byte switch/trunk identifier. The first 3 bytes is the Switch id and the last 4 bytes are the trunk id. The default value for this field is zeroes.	
8	Combined Charge Sort Code	9(1)	63-63	9DR	Specified sort sequence for charge and surcharge detail 60/00 records that are logically the same record but appear as two separate records. Records must appear in order as denoted by the sort criteria.	

C T R	Detail Charge Information Module 051 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
					The default value for this field is zeroes Valid values: 0 = main record 1 = secondary record	
9	Charge or Amount Collected Discount Amount - \$	S9(4)V9(8)	64-75	SDR	A twelve-position signed numeric field in the format \$\$\$\$ <i>cccccc</i> \$. This field contains the discount amount associated to each Charge amount for which a customer is to be billed. The sign will also be carried in this field. Only populated when detail level discounts are applicable. The default value for this field is zeroes.	

### 4.133 Voice Trunk Module 056

This module is used to convey rating and trunk information.

The Voice Trunk Module may be attached to a 62/00 record.

C T R	Generic Product Description Module 056 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
1	Module Number	9(3)	1-3	9DR	See above for description Valid value = 056	
2	Module Version	X(1)	4-4	XDL	See above for description Valid value = 'A'	
3	Module Length	9(3)	5-7	9DR	See above for description Valid value = 044	
4	Rate	9(10)V99	8-19	9DR	This field provides the price per unit tariff Format is 9(10)V99. The default value for this field is zeroes.	
5	Trunk ID	9(10)	20-29	9DR	The field provides the trunk number. The default value for this field is zeroes.	
6	Trunk Extension	X(15)	30-44	XDL	This field provides the trunk extension number or description. The default value for this field is spaces.	

**4.134 IP Service ID Module 057**

This module is used to convey IP service ID information.

The IP Service ID Module may be attached to a 62/00 or 71/00 record.

C T R	IP Service ID Module 057 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
1	Module Number	9(3)	1-3	9DR	See above for description Valid value = 057	
2	Module Version	X(1)	4-4	XDL	See above for description Valid value = 'A'	
3	Module Length	9(3)	5-7	9DR	See above for description Valid value = 087	
4	Service ID	X(30)	8-37	XDL	This field provides the IP service number. The default value for this field is spaces.	
5	Chargeable Service ID	X(30)	38-67	XDL	The field provides chargeable IP service number. The default value for this field is spaces.	
6	Speed Description	X(70)	68-137	XDL	This field provides the access or circuit speed description. The default value for this field is spaces.	

### 4.135 Generic Product Description Module 058

This module is used to convey product and product component descriptions.

The Product Description Module may be attached to a 62/00 or 71/00 record.

C T R	Generic Product Description Module 058 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
1	Module Number	9(3)	1-3	9DR	See above for description Valid value = 058	
2	Module Version	X(1)	4-4	XDL	See above for description Valid value = 'A'	
3	Module Length	9(3)	5-7	9DR	See above for description Valid value = 167	
4	Product	X(80)	8-87	XDL	This field provides the product description.	
5	Product Component	X(80)	88-167	XDL	The field provided the product component description.	

**4.136 Expanded Currency Conversion Module 059**

This module is used to pass currency conversion factors larger than allowed on the International Invoice Account Information Module (027) for international invoices. This may be attached to the 10/00 record.

C T R	Expanded Currency Conversion Factor Module 059 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
1	Module Number	9(3)	1-3	9DR	See above for description Valid value = 059	
2	Module Version	X(1)	4-4	XDL	See above for description Valid Value = 'A'	
3	Module Length	9(3)	5-7	9DR	See above for description Valid Value = 023	
4	Currency Conversion Factor	9(8)V9(8)	8-23	9DR	The current conversion rate at which the currency code may be converted to the To Currency Code of the International Invoice Account Information Module (027m). The rate reflects the conversion factor at the time the invoice was rendered. Format is 9(8)V9(8).	



### 4.137 Supplemental Debit/Credit Note Detail Module 062

This module is used to convey information regarding the original invoice for credit notes.

Attached to 62/00, 64/50 Type Data 302 and 71/00 records.

C T R	Supplemental Debit/Credit Note Detail Module 062 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
1	Module Number	9(3)	1-3	9DR	See above for description Valid value = 062	
2	Module Version	X(1)	4-4	XDL	See above for description Valid value = 'C'	
3	Module Length	9(3)	5-7	9DR	See above for description Valid value = 081	
4	Original Invoice Number	X(25)	8-32	XDL	Original Invoice Number against which the credit is issued, if available. Default value is spaces.	
5	Original Bill Date	9(6)	33-38	9DR	This is the Original Bill Date, for the invoice being credited. The format is YYYYMMDD.	
6	Original Currency Conversion Rate	9(4)V9(8)	39-50	9DR	The conversion rate from billing currency to Alternate currency used on the original invoice that is being credited. Default value is zeroes. The format is 9(4)V9(8)	
7	Subsequently Credited Indicator	X(1)	51-51	XDL	This is for Debit Adjustments where a previously issued Invoice has been raised and has now been Credited and Rebilled on an Invoice. Default value is spaces.	
8	Original SAF-T Number	X(30)	52-81	XDL	Original SAF_T numbers passed on invoice. Used for Portugal, Hungary, UK	

**4.138 Tax Summarization Key Module 065**

This module is used to append a tax key to detail records when taxes and or discounts are summarized. It may be attached to 62/00 and 64/50 records.

C T R	Tax Summarization Key Module 065 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
1	Module Number	9(3)	1-3	9DR	See above for description Valid value = 065	
2	Module Version	X(1)	4-4	XDL	See above for description Valid value = 'A'	
3	Module Length	9(3)	5-7	9DR	See above for description Valid value = 016	
4	Tax Summarization Key	9(9)	8-16	9DR	Nine character code containing the taxkey that is being summarized. The default value for this field is zeroes.	

### 4.139 Usage Surcharge Information Module 066

This module is used to display surcharges associated with usage detail.

It may be attached to a 62/00 record.

C T R	Usage Surcharge Information Module 066 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
1	Module Number	9(3)	1-3	9DR	See above for description Valid value = 066	
2	Module Version	X(1)	4-4	XDL	See above for description Valid Value = 'A'	
3	Module Length	9(3)	5-7	9DR	See above for description Valid Value = 033	
4	Surcharge Feature ID	X(8)	8-15	XDL	This field associates the surcharge with the usage detail and is used to group charges on the invoice. There is no default of spaces for this field.	
5	Surcharge Type	X(2)	16-17	XDL	This field identifies the surcharge assessed against the usage detail. There is no default of spaces for this field. Valid values: '01' = Per Call Surcharge	
6	Surcharge Amount	S9(4)V99	18-23	SDR	Surcharge amount for usage charge. There is no default of zeroes for this field. Format is S9(4)V99.	
7	Surcharge TaxAmount	S9(4)V9(6)	24-33	SDR	Tax amount assessed against the usage surcharge. The default value for this field is zeroes. Format is S9(4)V9(6)	

**4.140 Generic Code Module 067**

This module is used to pass a 10-byte text literal at the detail charge level.

It may be attached to 10/00, 62/00, 65/00, 70/00 and 71/00 records.

C T R	Generic Code Module 067 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
1	Module Number	9(3)	1-3	9DR	See above for description Valid value = 067	
2	Module Version	X(1)	4-4	XDL	See above for description Valid Value = 'A'	
3	Module Length	9(3)	5-7	9DR	See above for description Valid Value = 020	
4	Code Identifier	9(3)	8-10	9DR	This field identifies the data stored in the Code Value field. There is no default of zeroes for this field. Valid values: 001 = PPV Event Type (1)/Customer Viewing Code (1)/Fire Code Occupancy(4) 002 = CLEC ID 003 = Out of Franchise 004 = Terminal ID 107 = Product Grouping 4	
5	Code Value	X(10)	11-20	XDL	This field stores the Code Value literal. There is no default of spaces for this field.	

### 4.141 CPE Quote Module 069

This module is used to provide CPE quote information when applicable. The Quote-to-Bill Automation project will provide automation of the CPE quote generated in PremiSys into the billing systems. The customer invoice will match the CPE quote.

It may be attached to 65/00, 70/00 and 71/00 records.

C T R	CPE Quote Module 069 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
1	Module Number	9(3)	1-3	9DR	See above for description Valid value = 069	
2	Module Version	X(1)	4-4	XDL	See above for description Valid value = 'A'	
3	Module Length	9(3)	5-7	9DR	See above for description Valid value = 065	
4	Service Order Code	X(5)	8-12	XDL	Service Order Code (SOC) for CPE quote. The default value for this field is spaces.	
5	Quote ID	X(15)	13-27	XDL	CPE quote identifier. The default value for this field is spaces.	
6	Inventory Category	X(1)	28-28	XDL	Inventory category. The default value for this field is spaces. Valid values: 'D' = Site Level Discount 'E' = Equipment 'T' = Labor/Installation 'L' = Landed Cost 'M' = Maintenance 'S' = Shipping 'V' = VAT	
7	Payment Option	X(2)	29-30	XDL	Payment option. The default value for this field is spaces. Valid values: 'M' = Monthly	
8	Manufacturer's Part Number	X(35)	31-65	XDL	Manufacturer's part number. The default value for this field is spaces.	

### 4.142 Product Information Module 070

This module is used to pass along the information required to allow for discounting of charges (by NBBE) and adjusting of charges (by Portal) for National customers. This module will be appended to any detail record (i.e. Records 30, 35, 45, 50, 55, 60, 65, 70, 75, 80 and 85) and can appear either on direct bills or accounts with converted EMI IRBs.

This will be the first module appended to any record on any data from NBBE.

C T R	Product Information Module 070 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
1	Module Number	9(3)	1-3	9DR	See above for description Valid value = 070	
2	Module Version	X(1)	4-4	XDL	See above for description Valid value = 'E'	
3	Module Length	9(3)	5-7	9DR	See above for description Valid value = 139	
4	POF	X(8)	8-15	XDL	Product Offering Family: used in express TRAK to identify a product.	
5	REM	X(8)	16-23	XDL	Rating Element: used in express TRAK to identify a product.	
6	Adjustment Line Indicator	X(1)	24-24		This indicates whether the line item is adjustable or not adjustable.  '0' = Not Adjustable '1', '2', '3', '4', '5', '6', '7', '8', '9' = Adjustable	
7	Interstate/Intrastate Indicator	X(1)	25-25	XDL	' ' = Not Applicable '1' = Intrastate '2' = Interstate	
8	Balance Type Code	X(8)	26-33	XDL	A code used to identify a type of billing account balance.	
9	POE	X(8)	34-41	XDL	Product Offering Element. In NBBE, used in combination with POF and REF to uniquely identify a product. The default value for this field is spaces.	
10	Product Jurisdiction Code	X(2)	42-43	XDL	This field contains the standard 2-character abbreviation for the State to which this product revenue must be journalized.  The default value for this field is spaces. This field can be will be populated with the default value except in West jurisdictions for former GTE accounts.	

C T R	Product Information Module 070 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
					Other valid values: 'VC' = Former Contel Virginia 'VG' = Former GTE Virginia 'PC' = Former Contel Pennsylvania 'PG' = Former GTE Pennsylvania 'PQ' = Former Quaker Pennsylvania 'FO' = Foreign Office (valid for international account in express TRAK and NBBE)	
11	Company Code	X(4)	44-47	XDL	West company code required to distinguish west Verizon companies for revenue booking. The default value for this field is spaces. This field will be populated with the default value except in West jurisdictions for former GTE accounts	
12	Call Type/POF Sort Sequence Code	9(4)	48-51	9DR	This contains the sequence code that should be used for sorting the POF in relation to how the call types need to be displayed on the VSSILD Usage summarized reports built from the 96/00 record. POF values cannot be assigned in a manner that can be used to create proper sort sequencing. As such, an additional sequence code is required to ensure desired sort sequence is achieved. The default value for this field is zeroes. This is required to be populated on record 60/00 for VSSI LD usage, but may be defaulted on any other record type.	
13	Jurisdiction/POE Sort Sequence Code	9(4)	52-55	9DR	This contains the sequence code that should be used for sorting the POE in relation to how the jurisdictions need to be displayed on the VSSILD Usage summarized reports built from the 96/00 record. POE values cannot be assigned in a manner that can be used to create proper sort sequencing. As such, an additional sequence code is required to ensure desired sort sequence is achieved. The default value for this field is zeroes. This is required to be populated on record 60/00 for VSSI LD usage, but may be defaulted on any other record type.	
14	Bill To Other Account Number	X(13)	56-68	XDL	Contains the recipient account id in a bill to other relationship. The default value for this field is spaces.	
15	Geo Code	X(16)	69-84	XDL	Geo Code associated with most commercial taxing software. May be populated without TAR code being populated. The values and format are jurisdictional defined. The default value for this field is spaces.	
16	Tax Association Code	X(20)	85-104	XDL	The default value for this field is spaces,	
17	Tax Engine Code	X(1)	105-105	XDL	Identifier used to denote the tax engine that originally taxed as particular item. The default value for this field is spaces, Valid values:	

C T R	Product Information Module 070 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev		
					'1' = VTLM '2' =DPC '3' = Legacy '4' = Hybrid Engine			
18	Allocation Code	X(1)	106-106	XDL	For packages, such as Freedom, denotes whether a revenue split or revenue and tax split applies for how the revenue needs to be booked. Populated for non-MDVW accounts only. The default value of this field is spaces. Valid values: 'R' = Revenue package split only 'B' = Revenue package split and tax split 'T' = Transport allocation			
19	Commitment View Code	X(6)	107-112	XDL	The default value for this field is spaces,			
20	Original Revenue Identifier	X(8)	113-120	XDL	This field contains the revenue tracking code applicable to a particular item. It is the identifier from the system that originally booked the charge when the item is in a re-rate or discount scenario. The default value of this field is spaces.			
21	National Product Identifier Code	X(1)	121-121	XDL	A one byte code that identifies the type of data being adjusted when required for specific bill display purposes. Used in conjunction with the national product identifier which contains the look-up value for the bill display. Identifies the type of data held in the National Product Identifier field, The default value for this field is spaces. Valid values: 'A' = USOC 'B' = POE 'C' = Pricing Plan Code 'D' = Directory Assistance Category 'E' = Phrase Code			
22	National Product Identifier	X(8)	122-129	XDL	Used in conjunction with the National Product Identifier Code, this field contains the look up value for key fields for adjustment bill displays. The default value for this field is spaces.			
23	Customer Line Type Identifier	9(9)	130-138	9DR	Defines NBBE customer line type. The default value of this field is spaces. Values are: <table border="1"> <tr> <td>0</td> <td>Service Point Product</td> </tr> </table>	0	Service Point Product	
0	Service Point Product							



C T R	Product Information Module 070 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
					1 POTS	
					10 ISDN-BRI Single Line Business Pipe	
					107 ANOMALY	
					11 ISDN-PRI Channel	
					12 Remote Call Forwarding	
					13 Digital Circuit	
					14 Analog Circuit Line	
					15 Pub	
					16 Semi-Pub	
					17 PBX Inward Line	
					18 PBX Outward Line	
					19 PBX Combination Line	
					2 POTS Two Party Line	
					20 ISDN-BRI Centrex Pipe	
					21 WATS Outward	
					22 Pager	
					23 COCOTS	
					24 Cellular	
					25 Flexpath	
					29 Feature Group A	
					3 Analog Centrex Line	
					30 911 Line	
					34 LD OOF	
					35 ISDN-PRI Pipe	
					36 ISDN-BRI Centrex Channel	
					37 ISDN BRI Single Line Business Channel	
					38 ISDN PRI Channel Incoming	
					39 ISDN PRI Channel Outgoing	
					4 POTS 4-party line	
					40 Switched Redirect Service	
					41 Trunk Group	

C T R	Product Information Module 070 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev																																																								
					<table border="1"> <tr><td>42</td><td>Coin Custom VIB</td></tr> <tr><td>43</td><td>Coin Inmate</td></tr> <tr><td>44</td><td>Cion IPP</td></tr> <tr><td>45</td><td>CustomABS Line</td></tr> <tr><td>47</td><td>Sacrifice Telephone Number</td></tr> <tr><td>48</td><td>UNE/UNE-P Coin</td></tr> <tr><td>49</td><td>UNE/UNE-P PAL</td></tr> <tr><td>5</td><td>Digital Centrex</td></tr> <tr><td>50</td><td>LD Dial One</td></tr> <tr><td>51</td><td>MEVS</td></tr> <tr><td>52</td><td>iobi Professional - Added in DCR 7177</td></tr> <tr><td>53</td><td>Flexgrow</td></tr> <tr><td>54</td><td>Damp Loop</td></tr> <tr><td>57</td><td>COVA IP Centrex Line</td></tr> <tr><td>6</td><td>Marine Air to Ground Lines</td></tr> <tr><td>60</td><td>Non-Exchange ISCP (AIN) Provisioning</td></tr> <tr><td>63</td><td>ANOMALY</td></tr> <tr><td>7</td><td>Coin Public</td></tr> <tr><td>70</td><td>Unknown*</td></tr> <tr><td>71</td><td>Enhanced Call Forwarding</td></tr> <tr><td>73</td><td>B1 Access</td></tr> <tr><td>74</td><td>Key Access</td></tr> <tr><td>77</td><td>ANOMALY</td></tr> <tr><td>777</td><td>Fictitious Calling Card</td></tr> <tr><td>778</td><td>Domestic Fictitious Calling Card</td></tr> <tr><td>8</td><td>POTS 8-party line</td></tr> <tr><td>888</td><td>Unknown*</td></tr> <tr><td>9</td><td>WATS Inward Line</td></tr> </table>	42	Coin Custom VIB	43	Coin Inmate	44	Cion IPP	45	CustomABS Line	47	Sacrifice Telephone Number	48	UNE/UNE-P Coin	49	UNE/UNE-P PAL	5	Digital Centrex	50	LD Dial One	51	MEVS	52	iobi Professional - Added in DCR 7177	53	Flexgrow	54	Damp Loop	57	COVA IP Centrex Line	6	Marine Air to Ground Lines	60	Non-Exchange ISCP (AIN) Provisioning	63	ANOMALY	7	Coin Public	70	Unknown*	71	Enhanced Call Forwarding	73	B1 Access	74	Key Access	77	ANOMALY	777	Fictitious Calling Card	778	Domestic Fictitious Calling Card	8	POTS 8-party line	888	Unknown*	9	WATS Inward Line	
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24	Package Code	X(1)	139-139	XDL	Defines whether a particular charge record that is related to a package is the main package product itself or a record representing one of the component products. Example: feature like CALL WAITING or CALL FORWARDING would each be																																																									

C T R	Product Information Module 070 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
					<p>components of the package. The main package would come in on a 70 record, and the PACKAGECODE would be set to M. The component items would each come in on a 70 record, and would have PACKAGE CODE set to C.</p> <p>The default value for this field is spaces. Values are: 'M' = Main Package Record 'C' = Component Record</p>	

### 4.143 Product Information Array Module 071

This module is used to pass along the product level information required for VSSI LD Usage billed in NBBE. LD usage is summarized by product type on record 80/00. This module will be appended to record 80/00 and can appear either on direct bills or accounts with converted EMI IRBs. The data that appears in the array on record 80/00 will directly correspond to the instance in the array in this module so the correct product type (POF/POE) can be ascertained.

Note: This module is not required on account level 80/00 records where level code = 0 and inclusion code = 15 or 00.

C T R	Product Information Array Module 071 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
1	Module Number	9(3)	1-3	9DR	See above for description Valid value = 071	
2	Module Version	X(1)	4-4	XDL	See above for description Valid value = 'D'	
3	Module Length	9(3)	5-7	9DR	See above for description Valid value = 130-274	
4	Product Information Array Area Number of Occurrences	9(2)	8-9	9DR	The following fields occur 1 to 4 times depending on the number in this field. The default value for this field is 01.	
	Product Information Grouping Area		10-201	GRP	The following fields (denoted by @) are multiplied 1 to 4 times depending on the Product Information Array Area Number of Occurrences field.	
5	@POF	X(8)	10-17	XDL	Product Offering Family: used in express TRAK to identify a product.	
6	@REM	X(8)	18-25	XDL	Rating Element: used in express TRAK to identify a product.	
7	@POE	X(8)	26-33	XDL	Product Offering Element. In NBBE, used in combination with POF and REF to uniquely identify a product. The default value for this field is spaces.	
8	@Call Type/POF Sort Sequence Code	9(4)	34-37	9DR	This contains the sequence code that should be used for sorting the POF in relation to how the call types need to be displayed on the VSSI LD Usage summarized reports built from the 96/00 record. POF values cannot be assigned in a manner that can be used to create proper sort sequencing. As such, an additional sequence code is required to ensure desired sort sequence is achieved. The default value for this field is zeroes.	
9	@Jurisdiction/POE Sort Sequence Code	9(4)	38-41	9DR	This contains the sequence code that should be used for sorting the POE in relation to how the jurisdictions need to be displayed on the VSSI LD Usage summarized reports built from the 96/00 record. POE values cannot be assigned in a manner that can be	

C T R	Product Information Array Module 071 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
					used to create proper sort sequencing. As such, an additional sequence code is required to ensure desired sort sequence is achieved.  The default value for this field is zeroes.	
10	@Geo Code	X(16)	42-57	XDL	Geo Code associated with most commercial taxing software. May be populated without TAR code being populated. The values and format are jurisdictionally defined. The default value for this field is spaces.	
11	Product Jurisdiction Code	X(2 )	58-59	XDL	This field contains the standard 2-character abbreviation for the State to which this product revenue must be journalized.  The default value for this field is spaces. This field can be will be populated with the default value except in West jurisdictions for former GTE accounts.  Other valid values: 'VC' = Former Contel Virginia 'VG' = Former GTE Virginia 'PC' = Former Contel Pennsylvania 'PG' = Former GTE Pennsylvania 'PQ' = Former Quaker Pennsylvania 'FO' = Foreign Office (valid for international account in express TRAK and NBBE)	
12	Company Code	X(4)	60-63	XDL	West company code required to distinguish west Verizon companies for revenue booking. The default value for this field is spaces. . This field can be wile b populated with the default value except in West jurisdictions for former GTE accounts	
13	Bill To Other Account Number	X(13)	64-76	XDL	Contains the recipient account id in a bill to other relationship. The default value for this field is spaces.	
14	Interstate/Intrastate Indicator	X(1)	77-77	XDL	' ' = Not Applicable '1' = Intrastate '2' = Interstate	
15	Balance Type Code	X(8)	78-85	XDL	A code used to identify a type of billing account balance.	
16	Tax Association Code	X(20)	86-105	XDL	The default value for this field is spaces,	
17	Tax Engine Code	X(1)	106-106	XDL	Identifier used to denote the tax engine that originally taxed as particular item. The default value for this field is spaces, Valid values: '1' = VTLM '2' =DPC	

C T R	Product Information Array Module 071 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev																																														
					'3' = Legacy '4' = Hybrid Engine																																															
18	Commitment View Code	X(6)	107-112	XDL	The default value for this field is spaces,																																															
19	National Product Identifier	X(8)	113-120	XDL	Used in conjunction with the National Product Identifier Code, this field contains the look up value for key fields for adjustment bill displays. The default value for this field is spaces.																																															
20	Customer Line Type Identifier	9(9)	121-129	9DR	Defines NBBE customer line type. The default value of this field is spaces. Valid values: <table border="1" style="margin-left: 20px;"> <tbody> <tr><td>0</td><td>Service Point Product</td></tr> <tr><td>1</td><td>POTS</td></tr> <tr><td>10</td><td>ISDN-BRI Single Line Business Pipe</td></tr> <tr><td>107</td><td>ANOMALY</td></tr> <tr><td>11</td><td>ISDN-PRI Channel</td></tr> <tr><td>12</td><td>Remote Call Forwarding</td></tr> <tr><td>13</td><td>Digital Circuit</td></tr> <tr><td>14</td><td>Analog Circuit Line</td></tr> <tr><td>15</td><td>Pub</td></tr> <tr><td>16</td><td>Semi-Pub</td></tr> <tr><td>17</td><td>PBX Inward Line</td></tr> <tr><td>18</td><td>PBX Outward Line</td></tr> <tr><td>19</td><td>PBX Combination Line</td></tr> <tr><td>2</td><td>POTS Two Party Line</td></tr> <tr><td>20</td><td>ISDN-BRI Centrex Pipe</td></tr> <tr><td>21</td><td>WATS Outward</td></tr> <tr><td>22</td><td>Pager</td></tr> <tr><td>23</td><td>COCOTS</td></tr> <tr><td>24</td><td>Cellular</td></tr> <tr><td>25</td><td>Flexpath</td></tr> <tr><td>29</td><td>Feature Group A</td></tr> <tr><td>3</td><td>Analog CentrexLine</td></tr> <tr><td>30</td><td>911 Line</td></tr> </tbody> </table>	0	Service Point Product	1	POTS	10	ISDN-BRI Single Line Business Pipe	107	ANOMALY	11	ISDN-PRI Channel	12	Remote Call Forwarding	13	Digital Circuit	14	Analog Circuit Line	15	Pub	16	Semi-Pub	17	PBX Inward Line	18	PBX Outward Line	19	PBX Combination Line	2	POTS Two Party Line	20	ISDN-BRI Centrex Pipe	21	WATS Outward	22	Pager	23	COCOTS	24	Cellular	25	Flexpath	29	Feature Group A	3	Analog CentrexLine	30	911 Line	
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C T R	Product Information Array Module 071 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
					35 ISDN-PRI Pipe	
					36 ISDN-BRI Centrex Channel	
					37 ISDN BRI Single Line Business Channel	
					38 ISDN PRI Channel Incoming	
					39 ISDN PRI Channel Outgoing	
					4 POTS 4-party line	
					40 Switched Redirect Service	
					41 Trunk Group	
					42 Coin Custom VIB	
					43 Coin Inmate	
					44 Cion IPP	
					45 Custom ABS Line	
					47 Sacrafice Telephone Number	
					48 UNE/UNE-P Coin	
					49 UNE/UNE-P PAL	
					5 Digital Centrex	
					50 LD Dial One	
					51 MEVS	
					52 iobi Professional - Added in DCR 7177	
					53 Flexgrow	
					54 Damp Loop	
					57 COVA IP Centrex Line	
					6 Marine Air to Ground Lines	
					60 Non-Exchange ISCP (AIN) Provisioning	
					63 ANOMALY	
					7 Coin Public	
					70 Unknown*	
					71 Enhanced Call Forwarding	
					73 B1 Access	
					74 Key Access	
					77 ANOMALY	

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					<table border="1"> <tr> <td>777</td> <td>Fictitious Calling Card</td> </tr> <tr> <td>778</td> <td>Domestic Fictitious Calling Card</td> </tr> <tr> <td>8</td> <td>POTS 8-party line</td> </tr> <tr> <td>888</td> <td>Unknown*</td> </tr> <tr> <td>9</td> <td>WATS Inward Line</td> </tr> </table>	777	Fictitious Calling Card	778	Domestic Fictitious Calling Card	8	POTS 8-party line	888	Unknown*	9	WATS Inward Line	
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8	POTS 8-party line															
888	Unknown*															
9	WATS Inward Line															
21	Package Code	X(1)	130-130	XDL	<p>Defines whether a particular charge record that is related to a package is the main package product itself or a record representing one of the component products.                      Example: feature like CALL WAITING or CALL FORWARDING would each be components of the package.                      The main package would come in on a 70 record, and the PACKAGECODE would be set to M. The component items would each come in on a 70 record, and would have PACKAGE CODE set to C.</p> <p>The default value for this field is spaces.                      Valid values:                      'M' = Main Package Record                      'C' = Component Record</p>											



#### 4.144 Product Information Overflow Array Module 072

This module is used to pass along the product level information required for VSSI LD Usage billed in NBBE. LD usage is summarized by product type on record 80/00. This module will be appended to record 80/00 and can appear either on direct bills or accounts with converted EMI IRBs. The data that appears in the array on record 80/00 will directly correspond to the instance in the array in this module so the correct relationship can be maintained for the usage by product.

This module must be attached to all record 80/00s created for VSSI LD usage accounts.

The fields in this record only exist solely to correspond to either:

- ascertain the proper relationship to fields on the record 80/00 with the array
- the fields on the record 80/00 are not large enough to populate the full precision required. In this case, only the field in this module should be trusted as the like field on record 80/00 may contain truncated amounts whether usage or dollars.

Note: This module is not required on account level 80/00 records where level code = 0 and inclusion code = 15 or 00.

This module is being created as a result of an issue found in testing very close to the release date for VSSI LD usage.

This module will be attached to all VSSI LD record 80/00 usage summaries created from NBBE. It will be attached to all record 80/00s on VSSI LD usage accounts when:

Originating System ID = 22

Entity Code = 06953

When present, the field in this module should be trusted over the like field in the 80/00 record. The field in the 80/00 record may be truncated due to high volumes of usage.

C T R	Product Information Overflow Array Module 072 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
1	Module Number	9(3)	1-3	9DR	See above for description Valid value = 072	
2	Module Version	X(1)	4-4	XDL	See above for description Valid value = 'A'	
3	Module Length	9(3)	5-7	9DR	See above for description Valid value = 052-181	
4	Product Information Array	9(2)	8-9	9DR	The following fields occur 1 to 4 times depending on the number in this field.	

C T R	Product Information Overflow Array Module 072 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
	Area Number of Occurrences				The default value for this field is 01.	
	Usage Information Grouping Area		10-181	GRP	The following fields (denoted by @) are multiplied 1 to 4 times depending on the Product Information Array Area Number of Occurrences field.	
5	@Usage Type Indicator	X(2)	10-11	XDL	Indicates the type of usage units tallied in the initial/Additional usage fields. See 'Table of Values' at the end of this main specification document for values for this field. This field must be populated with a value from the values list for each occurrence populated in the array (spaces not allowed).	
6	@Initial Usage	S9(11)V9(3)	12-25	SDR	Initial usage or basic allotment of usage for the measuring period: contains quantity. The default value for this field is spaces. This is a 14 position signed numeric field with format S9(11)V9(3) When module 072 is attached to record 80/00 for VSSI LD Usage, the total number of minutes should be taken from this field and ignored in the Initial Usage field on the record 80/00.	
7	@Additional Usage	S9(11)V9(3)	26-39	SDR	Additional usage beyond the initial rate period. The default value for this field is zeroes. This is a 14 position signed numeric field with format S9(11)V9(3) When module 072 is attached to record 80/00 for VSSI LD Usage, the total number of calls should be taken from this field and ignored in the Additional Usage field on the record 80/00.	
8	@Total Usage Amount	S9(11)V9(2)	40-52	SDR	This is the amount billed for the usage per feature type per service type, as applicable. The formula used to calculate this field is: (Initial Usage * Rate Initial) + (Additional Usage * Rate Additional) The default value for this field is zeroes. This is a 13 position signed numeric field with format S9(11)V9(2) When module 072 is attached to record 80/00 for VSSI LD Usage, the Total Usage Amount should be taken from this field and ignored in the Total Usage Amount - \$ field on the record 80/00.	

### 4.145 Contract Line Item Module 074

This module contains the unique contractual product identifier for federal accounts billed from Bill@Once. Contract Line Item Number (CLIN) is used in place of a USOC, IOSC, POE, etc to uniquely identify a product billed under a contract. It may differ by customer by jurisdiction. It may pertain to Monthly Recurring Charges, Non Recurring Charges or Usage.

It may be attached to a record 30/00, 35/00, 45/00, 55/00, 60/00, 62/00, 65/00, 70/00, 71/00, 75/00, or 80/00.

C T R	Contract Line Item Module 074 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
1	Module Number	9(3)	1-3	9DR	See above for description Valid value = 074	
2	Module Version	X(1)	4-4	XDL	See above for description Valid value = 'A'	
3	Module Length	9(3)	5-7	9DR	See above for description Valid value = 022	
4	Contract Line Item Number	X(13)	8-20	XDL	Unique identifier for each contract product. The default value for this field is spaces.	
5	Action Code	X(2)	21-22	XDL	Invoice element that provides transaction description for contract-related charges. The default value for this field is spaces. Sample of possible values: 'AS' = Assigned Set (old) 'CC' = Cancellation Charge 'CY' = Certify Serialized Standard CPE 'DC' = Disconnect of a Line 'DN' = Deinstall Equipment 'FC' = Feature Change 'FI' = Feature Install 'FR' = Feature Remove 'HC' = Hard Change 'HR' = Hourly Labor 'IN' = Install Equipment 'IP' = Install Premium (ONBD) 'IS' = Install Setup (NBD) 'IV' = Obtain from Inventory 'LD' = Lease Deinstall	

C T R	Contract Line Item Module 074 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
					'LI' = Lease Install New 'LN' = Lease New 'LO' = Lease Used (Old) 'LR' = Lease Rearrange 'M1' = Maintenance, Year 1 'M2' = Maintenance, Year 2-5 'M4' = Maintenance, 4-hr 'M6' = Maintenance, Year 6-10 'ME' = Maintenance Exchange 'MT' = Maintenance 'MW' = In-Warranty Maintenance 'NA' = Additional Charge - NBD 'NR' = Non-Recurring Misc. 'PN' = Purchase New Equipment 'PU' = Purchase Used Equipment 'RA' = Recurring Annual 'RB' = Per Mb Bandwidth per month 'RC' = Recurring Charge 'RL' = Per Mile per month 'RM' = Per Mb Storage (web) 'RS' = Stop Recurring Charge for RC 'RT' = Stop Recurring Charge for RL 'RY' = Recertify Serialized Standard CPE 'SI' = Subsequent Install 'SL' = Subsequent Install Leased 'SS' = Shelf Stock Set (old) 'TM' = Usage Time (NBD) 'TP' = Usage Time Premium (ONBD)	

**4.146 Purchase Order Number Module 075**

This module contains the purchase order number associated to an invoice or monthly recurring charge within a bill/invoice.

It may be attached to a record 10/00 or 70/00.

C T R	Purchase Order Number Module 075 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
1	Module Number	9(3)	1-3	9DR	See above for description Valid value = 075	
2	Module Version	X(1)	4-4	XDL	See above for description Valid value = 'A'	
3	Module Length	9(3)	5-7	9DR	See above for description Valid value = 027	
4	Purchase Order Number	X(20)	8-27	XDL	Customer specified tracking number associated with the ordering of items on an invoice. The default value for this field is spaces.	

### 4.147 Product Line Item Module 076

This module is used to pass along the line Item Information on the 65/00 and 70/00 records.

This module can only appear on a 65/00 or 70/00 record and can only appear once per that record.

C T R	Product Line Item Module 076 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
1	Module Number	9(3)	1-3	9DR	See above for description Valid value = 076	
2	Module Version	X(1)	4-4	XDL	See above for description Valid value = 'A'	
3	Module Length	9(3)	5-7	9DR	See above for description Valid value = 074	
4	Line Item Charge Billing Units	9(10)V9(3)	8-20	9DR	Format is 9(10)V9(3) The default vale for this field is zeroes	
5	Usage Type Indicator	X(2)	21-22	XDL	Indicates the type of usage units tallied in the Line Item Charge Billing Units field. See 'Table of Values' at the end of this document for values for this field.  This field must be populated with a value from the values list.	
6	Line Item Information Only Amount - \$	S9(9)V99	23-33	SDR	Format is S9(9)V99 The default value for this field is zeroes. This amount is provided for information only. This amount was included in another billable record.	
7	Line Item Charge Rate	9(10)V9(5)	34-48	9DR	Format is 9(10)V9(5) The default value for this field is zeroes.	
8	Line Item Charge Rate Unit of Measure	X(1)	49-49	XDL	The default value for this field is spaces. Valid values: '1' = Dollars	
9	Line Item Charge Discount A Code	X(1)	50-50	XDL	1-byte ("Y" or "N" or blank) to indicate if Discount A applied The default value for this field is spaces. Valid values: ' ' = default ' Y' = Discount A applicable ' N' = Discount A not applicable	
10	Line Item Charge Discount B	X(1)	51-51	XDL	1-byte ("Y" or "N" or blank) to indicate if Discount B applied	

C T R	Product Line Item Module 076 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
	Code				The default value for this field is spaces. Valid values: ' ' = default ' Y' = Discount B applicable ' N' = Discount B not applicable	
11	Line Item Charge Minimum Eligible Code	X(1)	52-52	XDL	1-byte ("Y" or "N" or blank) to indicate if the charge was eligible for a minimum The default value for this field is spaces. Valid values: ' ' = default ' Y' = Charge is Minimum eligible ' N' = Charge is not Minimum eligible	
12	Line Item Charge Taxable Code	X(1)	53-53	XDL	1-byte ("Y" or "N" or blank) to Indicate if the line item is "taxable" or not The default value for this field is spaces. Valid values: ' ' = default ' Y' = Charge is taxable ' N' = Charge is not taxable	
13	Line Item Charge Discount Percent Rate	9(3)V9(2)	54-58	9DR	Format is 9(3)V9(2) The default value for this field is zeroes.	
14	Line Item Charge Dis count Eligible Amount - \$	9(13)V9(2)	59-73	9DR	Format is 9(13)V9(2) The default value for this field is zeroes.	
15	Line Item Charge Relationship Code	X(1)	74-74	XDL	1-byte ("I" or "N" or blank) to indicate if line item is info only such as a discount and should not be added to determine total amount as the discount is already factored into the unit price. "I" = Info only.	
16	Usage Amount	S9(13)V9(2)	75-89	SDR	Dollar amount as associated with the product usage. Format is S9(13)V9(2). The default value of this field is spaces.	
17	Unit of Measure	X(2)	90-91	XDL	The default value for this field is spaces. These field as may contain the same values as defined for Usage Type Indicator in the Tables of Values in the main specification documentation.	

**4.148 Supplemental Data Identifier Module 077**

This module is used to associate detail charges to a service reference, service location, node, etc. to enable the breakdown of charges by the supplemental identifier. This can be used in the future to include any type of supplemental identifier.

This module can appear on all records and can appear multiple times per record.

C T R	Supplemental Data Identifier Module 077 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
1	Module Number	9(3)	1-3	9DR	See above for description Valid value = 077	
2	Module Version	X(1)	4-4	XDL	See above for description Valid value = 'A'	
3	Module Length	9(3)	5-7	9DR	See above for description Valid value = 040	
4	Supplemental Data Identifier Code	9(3)	8-10	9DR	Three byte field that defines the type of supplemental data identifier contained in the Supplemental Data Identifier field. The default value for this field is zeroes Format is 9(3). Valid values: 001 = Service Reference Identifier 002 = Location Identifier 003 = Account Name 004 = UCIN 005 = Circuit Identifier 006 = Number Called 007 = Project Number (16) 008 = Department Number (7 for IXplus)/GSA 009 = Project Department Number/Division (16 for IXplus) 010 = Contract Identifier 011 = Host ID Name 013 = Case Number 014 = Conference ID 015 = Conference Suite Description 016 = Cost Center 017 = PIN (Paging)	



C T R	Supplemental Data Identifier Module 077 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
					018 = Service Purchase Order Number 020 = CLIN (Networx) (used when more than one CLIN is applicable for a given detail record). 021 = Unique Billing Identifier (Networx) 022 = Agency Service Request Number (Networx) 023 = Allocation Percentage 024 = ICB Case number 027 = Market Type 028 = Location Contact Name (30) 029 = Location Contact Telephone Number (13) 030 = Customer Reference Number/Text (40) 032 = Network Duration 033 = Talk Duration 034 = Summarization Literal Description 039 = ANI Name 040 = TP Document Number 041 = Contract Number 042= Deactivation Date (date will be formatted YYYYMMDD) 043 = Marketing Product Identifier 044 = Network Start Time 045 = Service ID 048 = GL/Product Surrogate Key 049 = Bundle or Summarization ID 050 = Promotion Code 051 = PSA 052 = Tax Charge Type 053 = Broadband Type 055 = Price Quote Text 056 = Customer Type 057 = Application Identifier 058 = Service Provider Number 059 = Major Account Number 060 = Revolution Bill Identifier Code 061 = Revenue Category 062 = Agent ID	

C T R	Supplemental Data Identifier Module 077 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
					063 = USOC 065 = Related Circuit 066 = Billing Account Number 067 = Partner 068 = Multiple Related Circuit IDs 069 = Additional Location Identifier 070 = Circuit Line Type 071 = Statement of Work 072 = Project Phase 073 = Charge Type 074 = Secondary ID 075 = Origination CLI Code 076 = Termination CLI Code 077 = Retained Account Original Billing Reference Number 078 = Customer Dispute Number 079 = Verizon Dispute Number 080 = Service Order Number 081 = Access Speed 085 = CPE Package ID 087 = Ethernet Virtual Connection ID 088 = Ethernet Virtual Connection Speed 091 = Port Speed 092 = Permanent Virtual Connection Effective Date 093 = Permanent Virtual Connection ID 095 = Permanent Virtual Connection Speed 096 = Racer Quote ID 097 = Router Service Order Code 098 = Service Industry General 1 Equipment 099 = Effective Date 100 = Verizon Tax Registration Number 101 = Service Type ID Equipment 103 = Statement of Work ID 104 = Service Level 105 = Attention/Contact Name International 106 = PST/QST registration number 107 = Company Registration Number	

C T R	Supplemental Data Identifier Module 077 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
					108 = GST/HST registration number 109 = Invoice Control Number 110 = Operation Description 111 = Second Taxregistration Number 112 = Account Code 114 = Case Number Key 115 = Customer Labeled Unit of Measure 116 = Payment Terms 117 = Bank Account Number 118 = ABA/Sort Code 119 = Swift Code 120 = BSB 121 = IBAN 122 = Salesperson 123 = ABN 124 = Solomon Purchase Order Number 125 = Employee Name 126 = Country or State of Service 127 = Closed Transaction Group ID 128 = Federal Tax Registration Number 129 = Quote Number 130 = Singleview Charge Code Description 131 = GP Service ID Label 132 = Corporate Billing Reference Number 133 = VADI Native OEO Bill Round Date 134 = Bridging Indicator 136 = Percent Interstate Usage 137 = Network Channel Code 138 = Network Channel Interface Code 139 = Access Customer Terminal Location (ACTL) 141 = Secondary NCI (Network Channel Interface Code) 142 = VEC Payment Tracking ID 144 = Access Type 145 = Speed 146 = Class of Service	

C T R	Supplemental Data Identifier Module 077 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
					147 = PIP Connection 148 = Service Location ID 149 = CBSS Bill Indicator 150 = Grade of Service 151 = Tax District Code (6)/Company Code (4)/Location Code (4)/State Code (2) 153 = NSAP Tax Code 154 = Customized Grouping 155 = Trip Number 156 = Employee Number 157 = Service Order Code (SOC) 160 = Customer Type Attribute 161 = Dynamic User 163 = Dial Prefix 164 = Destination Class 165 = Time Zone 166 = Resource Level 167 = Invoice Dispatch Option 168 = Account Type 169 = Revenue Exclude Flag 170 = Item Code 171 = Toll Free Corporate Identifier 172 = Revenue Include Flag 173 = Destination Group 174 = Mileage 175 = Milestone 176 = Network Element ID 183 = Site ID 184 = Business Unit 186 = Criticality 187 = Product Code 188 = FID 189 = Customer Code Identifier 194 = Resource Unit In-Service Date (YYMMDD) 195 = Charge-Level PIP Port Speed 197 = Restricted Numeric Exchange (RNX)	

C T R	Supplemental Data Identifier Module 077 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
					198 = Third-Party Vendor 199 = Adjustment Identifier 200 = Z-End Site ID 201 = Z-End Branch Criticality 202 = Z-End Business Unit 204 = Discount Key 205 = Multi-Cast CARTier 206 = XtraConnect Reference 207 = Term Agreement Date (MM-DD-YY) 208 = Coupon Code 209 = Verizon Online Account Number 210 = Access Digital Category 211 = Contract Type 212 = Delivery Order Number 213 = Task Order Number 214 = Service Pack 215 = Purchase Type 216 = Part Number 217 = Managed 218 = Global Customer Hierarchy (GCH) ID 219 = ConceptWave Solution ID 220 = Extended Specification Related Product 221 = Product Legal Entity 222 = Master Service Agreement 224 = Disconnect Date Group 225 = ConceptWave Product Instance ID 226 = Applicable Discount Amount 227 = Extended Specification Financing Agreement Contract ID 228 = Extended Specification Financing Model 229 = Extended Specification Procurement Model 230 = CPE Evergreen 231 = Maintenance Evergreen 232 = Contract Term 233 = Lease Term 234 = Exchange Key	

C T R	Supplemental Data Identifier Module 077 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
					235 = Service NPA/NXX 236 = Local Service Office 237 = OCC Code Type 238 = Series Number for LATAM Billing 239 = Sequence Number for LATAM Billing 240 = Detail Charges for LATAM. A = Taxable, E = Exempt 241 = Address Format Code 242 = Bill Run ID 243 = OPCO Identifier 244 = Feature Instance ID 245 = Facility 249 = Target Summary Bundle ID 250 = Ownership Type Description 251 = Product Type Description 252 = Usage Type Description 253 = Contract Family ID. ('CP' = Custopak Family, 'DT' = Dial Tone Family, 'SO' = Solutions Bundle) 254 = Transactional Contract vs. an RTB Contract 255 = Secondary Instance ID 256 = Conference Leader Name 257 = PVC ID 258 = Termination Name 259 = Amendment ID 260 = Inquiry Number 261 = Vacation Suspend 263 = GCH/CLE ID 264 = International Tax Effective Date. Format YYMMDD. 265 = Terremark Project ID/Service ID 266 = Application Type 267= VAT exemption Number 269 = Geography 270 = SAF-T Number 271 = HSN/SAC Number 272= XO Vertex Cat Code /Service Code 273= XO Companion Product Instance ID (Identifies charges that are combined on	

C T R	Supplemental Data Identifier Module 077 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
					Invoice display) 274= Vendor Price Plan code 275= SCM Tax Code 276 = Invoice Point Id 277 = Alternate Caller Id 278 = Alternate CLI 279 = DNIS Number 280 = Tax charge group 281 = Invoice Line item number 282 = Adjust reason code 283 = GDS Key 284 = NUID 285 = Lag ID	
5	Supplemental Data Identifier	X(30)	11-40	XDL	Indicates the type of usage units tallied in the Line Item Charge Billing Units field. See 'Table of Values' at the end of this document for values for this field.  This field must be populated with a value from the values list.	

### 4.149 Extended Supplemental Data Identifier Module 079

This module is used to associate additional optional data tags to charge detail account information record types. This can be used in the future to include any type of supplemental identifier.

It differs from module 077 in that it allows for an identifier up to 100 bytes rather than 30 bytes. Only identifiers that are greater than 30 bytes would be mapped to this module.

This module can appear on any record type record and may appear multiple times per record.

C T R	Extended Supplemental Data Identifier Module 079 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
1	Module Number	9(3)	1-3	9DR	See above for description Valid value = 079	
2	Module Version	X(1)	4-4	XDL	See above for description Valid value = 'A'	
3	Module Length	9(3)	5-7	9DR	See above for description Valid value = 110	
4	Supplemental Data Identifier Code	9(3)	8-10	9DR	Three byte field that defines the type of supplemental data identifier contained in the Supplemental Data Identifier field. The default value for this field is zeroes. Format is 9(3). Valid values: 003 = Account Name 007 = Project Number (16) 012 = Schedule ID 016 = Cost Center 018 = Service Purchase Order Number 019 = Secondary Number Identifier 020 = Expanded Clin 021 = Unique Billing Identifier (Networx) 022 = Agency Service Request Number (Networx) 025 = Package Feature 026 = Circuit Attribute (includes circuit attribute and value) 028 = Customer Name	



C T R	Extended Supplemental Data Identifier Module 079 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
					029 = Location Contact Telephone Number (13) 030 = Customer Reference Number/Text (40) 031 = Conference Description 034 = Summarization Literal Description 035 = Promotion Description 036 = Egress Connection 037 = Expanded Customer Name 038 = Expanded Entity Name 043 = Marketing Product Identifier 045 = Service ID 054 = Tracking ID Number 061 = Revenue Category 064 = Directory Name Service 067 = Partner 068 = Multiple Related Circuit IDs 082 = Circuit Description 083 = Circuit Literal 084 = Circuit Message 086 = Equipment Name 089 = Manufacturer 090 = Model 094 = Permanent Virtual Connection Literal 102 = Origination 105 = Attention/Contact Name 107 = Company Registration Number 112 = Account Code 113 = Host Name 115 = Customer Labeled Unit of Measure 117 = Bank Account Number 125 = Employee Name 132 = Corporate Billing Reference Number 135 = Connecting Facility Arrangement 140 = End User Address 143 = Billing Type 152 = Resource Unit Name	

C T R	Extended Supplemental Data Identifier Module 079 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
					158 = PVC Termination Address 159 = Virtual LAN ID 162 = Domain 170 = Revenue Exclude Reason Code 177 = Cardholder Name 178 = User Name 179 = Service ID Text 180 = Company Code 181 = Project Code 182 = Work Request 185 = Site Type Detail 187 = Product Code 190 = Profile Name 191 = Stock Keeping Unit (SKU) 192 = Bundle Instance ID 193 = Bundle Name 196 = Instance ID 203 = Public Telephone and Telegraph (PTT) Access Provider 223 = Price Book Line Item ID 224 = Solution Code 241 = Price Plan Description 242 = Bill Schedule Name 246 = Service Group ID 247 = Ticket Number 248 = Ticket Description 262 = Multiple Related PVC IDs 263= Package Grouper ID 264 = Feature Code for Usage 265= Cisco WebexHost ID 266 = CUFE ID 267 = ECNE Group 268 = Invoice Notes 269 = high level Product description 270 = GLID	
5	Supplemental Data Identifier	X(100)	11-110	XDL	Unique reference value used to breakdown charges for bill display. May be	

C T R	Extended Supplemental Data Identifier Module 079 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
					customer supplied, account specific, location specific value. The default value for this field is spaces.	

**4.150 ESG Adjustment Tracking Number Module 081**

This module is used to pass the ESG Adjustment Tracking Number on the VZ450 on Adjustment and OC&C records. It may be related to a claim initiated and tracked through the ESG Portal or an ESG adjustment initiated through the ESG Portal

This Tracking Number will tie an adjustment or OC&C back to the Claim for which they were issued on the VZ450. If an adjustment or OC&C does not have a Claim Number, i.e. it was not issued in relation to an ESG Claim or adjustment, then the module should not be appended.

This module is valid on the Record 20/00 and Record 65/00 only. This is related to the functionality being delivered for initiative 393304.

C T R	ESG Adjustment Tracking Number Module 081 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
1	Module Number	9(3)	1-3	9DR	See above for description Valid Value = '081'	
2	Module Version	X(1)	4-4	XDL	See above for description Valid Value = 'A'	
3	Module Length	9(3)	5-7	9DR	See above for description Valid Value = 020	
4	ESG Adjustment Tracking Number	X(13)	8-20	XDL	A unique number assigned by the ESG portal used to track an Adjustment or OC&C back to the Claim or adjustment for which it was issued. The default value for this field is spaces.	

### 4.151 Retained Accounts USOC Module 082

This module is valid on the Record 71/00 only.

C T R	Retained Accounts USOC Module 082 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
1	Module Number	9(3)	1-3	9DR	See above for description Valid value = 082	
2	Module Version	X(1)	4-4	XDL	See above for description Valid value = 'A'	
3	Module Length	9(3)	5-7	9DR	See above for description Valid value = 019	
4	USOC/IOSC	X(5)	8-12	XDL	The universal service order code is used to describe the service or equipment being supplied. The default value for this field is spaces.	
5	Class of Service USOC	X(5)	13-17	XDL	This is the Universal Service Order code of the primary class of service of the account. The default value for this field is spaces.	
6	OC&C Category	X(2)	18-19	XDL	Refer to the OC&C Category field on the primary 65/00 record. The default value for this field is spaces.	

**4.152 Account Transaction Date Module 084**

This module is used to provide account level payment date and previous Bill Round date information.

This module is valid only on the Record 10/00.

C T R	Account Transaction Date Module 084 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
1	Module Number	9(3)	1-3	9DR	See above for description Valid Value = '084'	
2	Module Version	X(1)	4-4	XDL	See above for description Valid Value = 'A'	
3	Module Length	9(3)	5-7	9DR	See above for description Valid Value = 024	
4	Debit/Credit Date	9(6)	8-13	9DR	Invoice payment date for account enrolled in automatic payment option (reference Record 10/00 Payment Option Code field). Valid format is YYMMDD. The default value for this field is zeroes.	
5	Last Bill Round Date	9(6)	14-19	9DR	Invoice date prior to current Bill Round. Valid format is YYMMDD. The default value for this field is zeroes.	
6	Line Of Business	X(2)	20-21	XDL	Account level Business Unit indicator. There is no default value for this field.	
7	Sub-Segment Code	X(3)	22-24	XDL	Lower level Line of Business qualifier. The default value for this field is spaces.	

### 4.153 CABS Unit Pricing Module 092

This module is used to pass CABS Unit and Mileage rates and any Discount Factor and or Percentage. When present, the Billed Amount on the 70/00 record is calculated as  $(1.00 - \text{Discount Percentage if not zero}) * (\text{Quantity} * \text{Unit Rate or Unit Rate Mileage}) * (\text{Discount Factor})$ .

This module can only be present on a 70/00 record and can only appear one time on that record.

C T R	CABS Unit Pricing Module 092 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
1	Module Number	9(3)	1-3	9DR	See above for description Valid value = 092	
2	Module Version	X(1)	4-4	XDL	See above for description Valid value = 'A'	
3	Module Length	9(3)	5-7	9DR	See above for description Valid value = 073	
4	Unit Type	X(2)	8-9	XDL	A code describing the type of unit being reported. The default value for this field is spaces. Valid values: '01' = Interstate '02' = Interstate/Intralata '03' = Intrastate '04' = Intrastate/Intralata '05' = Local	
5	Unit Rate	S9(7)V9(4)	10-20	SDR	Decimal S9(7)V9(4) number used to convey the tariffed unit rate for a service or feature. The default value for this field is zeros.	
6	Unit Rate - mileage	S9(7)V9(4)	21-31	SDR	Decimal S9(7)V9(4) number used to convey the tariffed mileage rate for a service or feature. The default value for this field is zeros.	
7	Initial Rate - mileage	S9(7)V9(4)	32-42	SDR	Decimal S9(7)V9(4) number used to convey the tariffed mileage rate for a service or feature. The default value for this field is zeros.	
8	Unit Percentage	9(3)V9(3)	43-48	9DR	Decimal 9(3)V9(3) number used to convey the portion of the service or facility assigned to a Unit Type. The default value for this field is zeros.	
9	Discount Factor	9(1)V9(4)	49-53	9DR	Decimal 9(1)V9(4) number applied to the tariffed rate to calculate the billed amount.	

C T R	CABS Unit Pricing Module 092 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
					The default value for this field is zeros.	
10	Border Interconnection Percentage	9(3)	54-56	9DR	The percentage of a specific rate element that is to be billed by a given exchange carrier or to be rated under a given jurisdiction's tariff on a multiple jurisdiction account. Format is 9(3).	
11	Ratchet Factor	9(1)V9(7)	57-64	9DR	Decimal 9(1)V9(7) format - A factor used to apportion channels on a facility	
12	USOC Quantity-Quantity	9(9)	65-73	9DR	The number of BHMS, channel terminations or links display behind the QTYFID or its equivalent. Format is 9(9).	



### 4.154 DSNA Identifier Module 093

This module is used to pass the DSNA identifier associated with an ISDN BRI/PRI circuit.

It may be associated to a 35/00 record.

C T R	DSNA Identifier Module 093 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
1	Module Number	9(3)	1-3	9DR	See above for description Valid value = 093	
2	Module Version	X(1)	4-4	XDL	See above for description Valid value = 'A'	
3	Module Length	9(3)	5-7	9DR	See above for description Valid value = 034	
4	DSNA Identifier	X(27)	8-34	XDL	DSNA value associated with a ISDN BRI/PRI circuit. The default value for this is spaces.	

### 4.155 Long Text Module 097

This module is used to pass along miscellaneous text that appears on the customer bill. It is similar to the Short Text Module 004 except that the text field is 175 bytes in length. It should be used for long text strings that are associated with the data record being processed. The use of this module is more efficient than the use of an xx20 record.

C T R	Long Text Module 097 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
1	Module Number	9(3)	1-3	9DR	See above for description Valid value = 097	
2	Module Version	X(1)	4-4	XDL	See above for description Valid value = 'A'	
3	Module Length	9(3)	5-7	9DR	See above for description Valid value = 192	
4	Text Type	X(1)	8-8	XDL	Values for this field are the same values that are used in the sub record 20	
5	Text Location Code	X(1)	9-9	XDL	Values for this field are the same values that are used in the sub record 20	
6	Text Phrase Code	X(8)	10-17	XDL	This is a text phrase code that can be used to look up static text. The default value of this field is spaces. The phrase code will be used to lookup 'static' text messages associated on the short text module. Currently this field is being used in conjunction with the text phrase code that appears on the XX/30 record. Each unique Text Phrase Code will have an associated short text module with the same text phrase code for which the associated text can be obtained.	
7	Long Text	X(175)	18-192	XDL		

### 4.156 Related Product Information Module 098

This module is used to pass related product information and can be attached to 71/00 records.

C T R	Related Product Information Module 098 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
1	Module Number	9(3)	1-3	9DR	See above for description Valid value = 098	
2	Module Version	X(1)	4-4	XDL	See above for description Valid value = 'A'	
3	Module Length	9(3)	5-7	9DR	See above for description Valid value = 029	
4	Related LV2 Product	X(6)	8-13	XDL	Related LV2 Product. Default value is non-spaces.	
5	Related Product Instance ID	X(16)	14-29	XDL	Related Product Instance ID. Default value is non-spaces.	

### 4.157 Enhanced Text Pointer Module 099

This module is used to append a text pointer code to be used to associate binary text from an associated binary text file to the VZ450 data file. Binary text files are used to display double byte character sets such as Kanji and Polish. This module differs from the Text Pointer Module 039 in that it can be used for individual fields within a VZ450 record rather than apply to the entire record.

This module can only appear on 62/00 or 64/50 type data 301 records.

C T R	Enhanced Text Pointer Module 099 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
1	Module Number	9(3)	1-3	9DR	See above for description Valid value = 099	
2	Module Version	X(1)	4-4	XDL	See above for description Valid value = 'A'	
3	Module Length	9(3)	5-7	9DR	See above for description Valid value = 018	
4	Text Pointer Code	X(8)	8-15	XDL	Unique value within a file, this is a code to point to the insertion of text stored in the binary file.	
5	Supplemental Data Identifier Code	9(3)	16-18	9DR	Three byte field that defines the text fields on the VZ450 field that is being replaced with an entry in the Binary file to support special characters.  Format is 9(3). Valid values are: 001 = Originating City on 62/00 record. 002 = Terminating City on 62/00 record. 003 = Moderator First, Initial, Last Name on 64/50 type 301.	

**4.158 Signed Quantity and Rate Module 101**

This module is used to convey a negative billed quantity and/or unit rate or a rate that is too large to fit into the rate field of the base record to which this module is attached. When either a negative quantity or rate is supplied, the charge amount is negative. When both a negative quantity and rate are supplied, the charge amount is positive. This module may be attached to a 71/00 record when needed.

C T R	Signed Quantity and Rate Module 101 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
1	Module Number	9(3)	1-3	9DR	See above for description Valid value =101	
2	Module Version	X(1)	4-4	XDL	See above for description Valid value = 'A'	
3	Module Length	9(3)	5-7	9DR	See above for description Valid value = 038	
4	Signed Quantity	S9(10)V9(3)	8-20	SDR	Billed Quantity or units when a negative amount or the quantity field on the base record is not large enough. Format is S9(10)V9(3). The default value for this field is zeroes.	
5	Signed Rate	S9(13)V9(5)	21-38	SDR	Unit rate or unitary price for the product when negative or when the rate field on the base record is not large enough. Format is S9(13)V99999. The default value for this field is zeroes.	

### 4.159 Bill Bundle Identifier Module 102

This module is used to pass bill bundling information related to a Revolution or Simple bill. This may be attached to the account level 10/00 record. When attached to the 10/00 record, it represents the invoice number that a particular payment or adjustment is applied to.

C T R	Bill Bundle Identifier Module 102 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
1	Module Number	9(3)	1-3	9DR	See above for description Valid value = 102	
2	Module Version	X(1)	4-4	XDL	See above for description Valid Value = 'B'	
3	Module Length	9(3)	5-7	9DR	See above for description Valid Value = 035	
4	Type of Bill Indicator	X(1)	8-8	XDL	The purpose of this field is simply to identify the bill as a Revolution bill Valid values: 'R' = Revolution bill with Bundling 'W' = Revolution bill without Bundling  Note: No default value. If the bill is NOT a revolution bill, this module would not be present on the 00 record.	
5	High Level Bundle Category	X(1)	9-9	XDL	Used to identify the high level category of bundles such as FiOS Valid values: 'F' = Identifies it as a FiOS bundle 'N' = No Bundling 'P' = Identifies it as a PSTN bundle 'X' = Identifies it as a FiOS FLEX bundle 'Y' = Identifies it as a PSTN FLEX bundle	
6	Low Level Bundle Category	X(1)	10-10	XDL	Unique reference value used to identify level of bundle, such as double, triple Valid values: 'D' = Double Bundle 'N' = No Bundling 'Q' = Quad Bundle 'T' = Triple Bundle	
7	Voice Component Indicator	X(1)	11-11	XDL	Used simply to identify if VOICE service (LEC & LD) is a component of the bundle or not. Valid values:	

C T R	Bill Bundle Identifier Module 102 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
					'Y' = VOICE is a component of this bundle 'N' = VOICE is not a component of this bundle	
8	Video Component Indicator	X(1)	12-12	XDL	Used simply to identify if VIDEO service (LEC & LD) is a component of the bundle or not. Valid values: 'Y' = VIDEO is a component of this bundle 'N' = VIDEO is not a component of this bundle	
9	Internet Component Indicator	X(1)	13-13	XDL	Used simply to identify if VOL INTERNET service (LEC & LD) is a component of the bundle or not. Valid values: 'Y' = VOL Internet is a component of this bundle 'N' = VOL Internet is not a component of this bundle	
10	Wireless Component Indicator	X(1)	14-14	XDL	Used simply to identify if WIRELESS service (LEC & LD) is a component of the bundle or not. Valid values: 'N' = WIRELESS is not a component of this bundle 'Y' = WIRELESS is a component of this bundle	
11	DIRECTV Component Indicator	X(1)	15-15	XDL	Used simply to identify if DIRECTV service (LEC & LD) is a component of the bundle or not. Valid values: 'N' = DIRECTV is not a component of this bundle 'Y' = DIRECTV is a component of this bundle	
12	Future Component Indicators	X(5)	16-20	XDL	5 bytes reserved for future expansion to allow for up to 5 other new components Valid values: 'N' = Not a component of this bundle Note: 'N' is the only valid value at this time (Default value)	
13	Single Page Bill Indicator	X(1)	21-21	XDL	Identifies single page invoices. Valid values: ' ' = Not a Single Page Bill (default) 'S' = Single Page Bill	
14	Red Zone Indicator	X(1)	22-22	XDL	This field identifies an account's migration, Red Zone and Final Bill status. Note: NBBE Billing recognizes migrated accounts by a Disconnect Reason Code set to 'VM', 'VF', or 'XF'. Valid values: ' ' = Account that has not been migrated (default)	

C T R	Bill Bundle Identifier Module 102 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
					'N' = Migrated account not in the Red Zone receiving a First Final Bill or a Subsequent/Revised Final Bill 'R' = Account Migrating to Thunder that is in the Red Zone 'T' = Account Migrating to Thunder that is not in the Red Zone 'Y' = Migrated account in the Red Zone receiving a First Final Bill	
15	Reverse Migration Indicator	X(1)	23-23	XDL	This field identifies an account that has reverse-migrated from RIBS back to NBBE. This indicator is set to 'Y' only for the first bill period associated with NBBE account establishment. Valid values are: ' ' = Account that has not been migrated (default) 'Y' = FDV Reverse-Migrated Account 'T' = Thunder Reverse-Migrated Account	
16	Treatment Indicator	X(1)	24-24	XDL	This field identifies an account's treatment status. Valid values are: ' ' = Account is not in Treatment (default) 'Y' = Account is in Treatment	
17	MDV Tier Code	X(2)	25-26	XDL	This field identifies a Maryland, District of Columbia or Virginia account's Tier Code. Default value is spaces.	
18	Rate change Indicator	X(1)	27-27	XDL	This field identifies if there has been a rate change in the current months billing on the account Valid values = 'Y' A rate change has occurred in current months billing Default values is spaces	
19	Promotion Expiration Indicator	X(1)	28-28	XDL	<b>This field Identifies if a Promotion expires on an account</b> <b>Valid values = 'Y' Promotion is expiring in current month on account</b> <b>Default value is spaces.</b>	
20	Reserved	X(7)	29-35	XDL	Default value is spaces.	



### 4.160 Feature Detail Module 103

This module contains additional feature detail fields for Interactive Voice Response (IVR) service.

C T R	Feature Detail Module 103 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
1	Module Number	9(3)	1-3	9DR	See above for description Valid Value = 103	
2	Module Version	X(1)	4-4	XDL	See above for description Valid Value = 'C'	
3	Module Length	9(3)	5-7	9DR	See above for description Valid Value = 70	
4	DNIS ID (Digital Network Info SystemID)	X(10)	8-17	XDL	Identifier for Network Interactive Voice Response (NIVR)/Speech Interactive Voice Response Service.	
5	NIVR/SIVR Indicator	X(1)	18-18	XDL	Indicates the type of NIVR/SIVR service. Valid values: ' ' = spaces 'N' = NIVR 'S' = SIVR	
6	Feature Type	X(5)	19-23	XDL	Identifies the Feature Type. Default value is space. Valid values: 'DIAL ' = IVM Voice 'DIALI' = IVM Voice-IP 'EMAIL' = IVM Email 'FAX ' = IVM Fax 'GNLNG' = Citi IVR Google Natural Language 'NIVR ' = NIVR 'NIVRI' = NIVR-IP 'NLVR ' = NLVR 'NLVRI' = NLVR-IP 'NTWKQ' = Network Queuing 'PRPD ' = Citi IVR Prepaid Application 'PRPDI' = Citi IVR Prepaid Application-IP 'SIVR ' = SIVR 'SIVRI' = SIVR-IP 'SMS ' = IVM SMS 'SPKV ' = IVM Speech 'VXML ' = VXML	

C T R	Feature Detail Module 103 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
					'VXMLI' = VXML-IP	
7	Feature Quantity	9(5)	24-28	9DR	Number of instances of a feature, if applicable. Default value is zeroes.	
8	Feature Minutes	9(8)V99	29-38	9DR	Number of minutes used of a feature, if applicable. Default value is zeroes. Format is 9(8)V99	
9	Feature Add-on Minutes	9(8)V99	39-48	9DR	Number of Add-on minutes used of a feature, if applicable. Default value is zeroes. Format is 9(8)V99	
10	Feature Charge	9(8)V99	49-58	9DR	Charge amount of a feature. Default value is zeroes. Format is 9(8)V99	
11	Switch Code	X(4)	59-62	XDL	Switch code for taxing Geo Code indicator – used for NIVR only.	
12	Call Segments	9(7)	63-69	9DR	Feature call segments. Default value is zero. Format is 9(7).	
13	Utterance	X(1)	70-70	XDL	Used to pass values for Utterance. Default value is a space Valid Values 0-7.	

### 4.161 Additional Call Detail Module 104

This module contains additional call detail fields for NIVR and Toll Free.

C T R	Additional Call Detail Module 104 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
1	Module Number	9(3)	1-3	9DR	See above for description Valid Value = 104	
2	Module Version	X(1)	4-4	XDL	See above for description Valid Value = 'C'	
3	Module Length	9(3)	5-7	9DR	See above for description Valid Value = 107	
4	DNIS ID (Digital Network Info SystemID)	X(10)	8-17	XDL	(Used for NIVR/SIVR Service only) Valid values: N = NIVR S = SIVR (Used for NIVR/SIVR Service only)	
5	NIVR/SIVR Indicator	X(1)	18-18	XDL	Indicates the type of NIVR/SIVR service. This field may be populated with spaces for both ECR and Call Center Charges. Valid values: ' ' = spaces 'L' = Natural Language Voice Response (NLVR) 'N' = NIVR 'S' = SIVR (Used for NIVR/SIVR Service only) 'V' = Voice Extensible Markup Language (VXML)	
6	Switch Code	X(4)	19-22	XDL	Switch code for taxing geo code indicator - used for NIVR only	
7	Quantity	9(5)	23-27	9DR	Number of individual calls with same attributes rolled up into this call detail record.	
8	Platform Minutes	9(8)V99	28-37	9DR	(Toll Free Service & NIVR only) Format is 9(8)V99	
9	Platform Usage Charges	9(8)V99	38-47	9DR	(Toll Free Service & NIVR only) Format is 9(8)V99	
10	Transport Usage Charges	9(8)V99	48-57	9DR	(Toll Free Service only) Format is 9(8)V99	
11	# of Caller Takeback Enhanced Features Used	9(2)	58-59	9DR	(Toll Free Service only) Format is 9(2)	
12	# of Menu Routing Enhanced Features used	9(2)	60-61	9DR	(Toll Free Service only) Format is 9(2)	

C T R	Additional Call Detail Module 104 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
13	# of Message Announcement Enhanced Features used	9(2)	62-63	9DR	(Toll Free Service only) Format is 9(2)	
14	# of Database Routing Enhanced Features used	9(2)	64-65	9DR	(Toll Free Service only) Format is 9(2)	
15	# of Busy/Announcement Enhanced Features used	9(2)	66-67	9DR	(Toll Free Service only) Format is 9(2)	
16	# of Takeback & Transfer Enhanced Features used	9(2)	68-69	9DR	(Toll Free Service only) Format is 9(2)	
17	Count for Announced Connect	9(2)	70-71	9DR	Format is 9(2)	
18	ECR Legend Code	X(6)	72-77	XDL	Character string of applicable ECR feature codes that correspond to the legend. The default value for this field is spaces.	
19	Transport Minutes	9(8)V99	78-87	9DR	Toll Free ECR Transport Minutes Format is 9(8)V99	
20	Queuing Minutes	9(8)V99	88-97	9DR	Toll Free ECR Queuing Minutes Format is 9(8)V99	
21	Queuing Usage Charges - \$	9(8)V99	98-107	9DR	Toll Free ECR Queuing Usage Charges Format is 9(8)V99	

### 4.162 Generic Date Range Module 106

This module captures date ranges associated with all charge types.

It may be attached to a 10/00, 25/00, 62/00 and 71/00 record.

C T R	Generic Date Range Module 106 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
1	Module Number	9(3)	1-3	9DR	See above for description Valid Value = 106	
2	Module Version	X(1)	4-4	XDL	See above for description Valid Value = 'A'	
3	Module Length	9(3)	5-7	9DR	See above for description Valid Value = 024	
4	Date Range Identifier	X(1)	8-8	XDL	Field identifies type of charge associated with date range. Valid values: 'A' = Usage Charge 'B' = Last Activity Date 'L' = Last Bill Date 'S' = Service Period Charge	
5	Start Date	9(8)	9-16	9DR	Field stores the start date of the date range. Valid Format is YYYYMMDD.	
6	End Date	9(8)	17-24	9DR	Field stores the end date of the date range. Valid Format is YYYYMMDD.	

**4.163 Generic Count Module 107**

This module may be attached to any record type. This module is to be used to capture and count a usage amount that exceeds an amount that is populated in the primary record or sub record itself.

The initial implementation is related to the overflow of the record count field in the 99/00 record. When the record count of a certain record type exceeds 8 bytes, or the total record count exceeds 9 bytes, the record count field should be initialized and the actual record count carried here. The record count field in the 99/00 record should be initialized to zeroes. The key to look for the presence of this module will be an array entry for a particular record/sub record type with the record count initialized to zeroes.

When the total record count of exceeds 9 bytes, the Total Record Count field should be initialized and the actual record count carried here. The Record Number is populated with 99, the Sub Record Number is populated with 99, and the Count Type Code is populated with 002. The Total Record count field in the 99/00 record should be initialized to zeroes.

The record number and sub record number fields are related to the array entry rather than the primary record or sub record the module is attached to.

C T R	Generic Count Module 107 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
1	Module Number	9(3)	1-3	9DR	See above for description Valid Value = 107	
2	Module Version	X(1)	4-4	XDL	See above for description Valid Value = 'A'	
3	Module Length	9(3)	5-7	9DR	See above for description Valid Value = 029	
4	Record Number	9(2)	8-9	9DR	Identifies the record layout or type of record. On the Account Trailer and File Trailer, this field must be populated with one of the values listed below (there is no default of spaces). are: 00 = Header 10 = Account Summary 15 = Summary Account Listing 16 = Related Invoice Listing 17 = Child Advice/Invoice Listing 20 = Payment & Adjustment 25 = Summary of Current Charges	

C T R	Generic Count Module 107 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
					26 = Hierarchical Data Group Listing 28 = Invoice Ready Bill Detail 29 = Summarized Service Charges (non-derivable) 30 = Local Usage 35 = Calling Plan Summary 36 = Rate Plan Usage Summary 37 = CABS Usage 38 = Equipment Service Summary 45 = Directory Assistance Calls 50 = Directory Advertising 55 = Tiered Rating Structure 60 = Itemized Call Detail 61 = International Call Detail 62 = Enhanced Usage Detail 63 = Wireless Event Summary 65 = O C & C/Miscellaneous Detail 67 = Discounts and Promotions 68 = Discounts and Promotions 69 = Contract Fulfillment Discount 70 = Bill Verification 71 = Enhanced Bill Verification 72 = Wireless Recurring and Non-Recurring Charge Details 73 = SAP Credit/Debit Detail 75 = Invoice Ready Summary 80 = Complex Service 85 = Advanced Information Services 94 = Total Billed Revenue Discounting Usage Summarization 95 = Reference Data 96 = Summarized Reporting Data 97 = International Invoice Reporting Summaries 99 = Trailer	
5	Sub Record Number	9(2)	10-11	9DR	Identifies a Sub-record associated with a major record type. On the Account Trailer and File Trailer, this field must be populated with one of the values listed below (there is no default of spaces). Valid values:	

C T R	Generic Count Module 107 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
					00 = Not a sub record 05 = Late Payment Charge Date Listing 10 = Name and Address 11 = Expanded Address 12 = Unfielded Address 15 = Summary Address Listing 20 = Text/FYI 21 = Extended Phrase Text 30 = Tax and Surcharge Detail 31 = Additional TaxDetail 32 = Additional Tax Granularity 33 = Tax Detail at Circuit Level 40 = Entity Contact Information 41 = International/Expanded Entity Contact Numbers 42 = Entity URL Information 50 = Jurisdiction/Product Detail 60 = Additional Discount Detail 99 = Trailer	
6	Count TypeCode	9(3)	12-14	9DR	Unique identifier that represents the count type to be referenced. Format is 9(3) 001 = Record Count 002 = Total Record Count 003 = Paper Bill Count 004 = Number of Days 005 = Number of Call Segments 006 = Total Shared Plan Minutes 007 = Tax Line Count 008 = Negative Tax Line Count 009 = Equipment Unit Count 010 = Enterprise Free Minutes 011= Bill Line Item count	
7	Count Amount	9(15)	15-29	9DR	Amount associated with count type code. Format is 9(15)	



**4.164 Enhanced Generic Amount Module 108**

This module may be attached to any record type and may be used as many times as needed. This module is to be used to capture currency amounts that exceed 9(9)V9999 that can appear on the 109 module. The Charge Type Code values that are used on the 108 and the 109 module are interchangeable.

C T R	Enhanced Generic Amount Module 108 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
1	Module Number	9(3)	1-3	9DR	See above for description Valid Value = 108	
2	Module Version	X(1)	4-4	XDL	See above for description Valid Value = 'B'	
3	Module Length	9(3)	5-7	9DR	See above for description Valid Value = 031	
4	Charge Type Code	9(3)	8-10	9DR	Charge Type Code Unique identifier that represents the charge amount to be referenced. Format is 9(3) 000 = Default (used when Charge Amount position is populated) 001 = Current Adjustments 002 = Prior Adjustments 003 = Current Payments 004 = Prior Payments 005 = Balance 006 = Monthly Minimum 007 = Annual Commitment 008 = Current Contribution 009 = Total Contribution 010 = Current Transactions 011 = Location Previous Bill Amount 012 = Location Payments & Adjustments 013 = Employee Charges Prior Month 014 = Available usage Allowance 015 = Amount Billed to Employee Prior Month 016 = Tax Amount 017 = Surcharge Amount 018 = Term Discount	

C T R	Enhanced Generic Amount Module 108 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
					019 = Aggregate Discount 020 = ABN Discount 021 = Total Bill Amount 022 = Total Current Charge Amount 023 = Shipping Amount 024 = Federal Tax 025 = State Tax 026 = SUSF Tax 027 = FUSF Tax 028 = Rate Field 029 = Discount 030 = Promotion	
5	Charge Amount - \$	S9(13)V9(4)	11-27	SDR	Dollar Amount associated with charge type code. Format is S9(13)V9999	
6	Charge Amount Position	9(4)	28-31	9DR	The position of the beginning byte of the charge amount field in the main record that this module references. Format is 9(4).	

**4.165 Generic Amount Module 109**

This module may be attached to any record type.

C T R	Generic Amount Module 109 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
1	Module Number	9(3)	1-3	9DR	See above for description Valid Value = 109	
2	Module Version	X(1)	4-4	XDL	See above for description Valid Value = 'A'	
3	Module Length	9(3)	5-7	9DR	See above for description Valid Value = 023	
4	Charge Type Code	9(3)	8-10	9DR	Unique identifier that represents the charge amount to be referenced. Format is 9(3). The default value of this field is zeroes. 001 = Current Adjustments 002 = Prior Adjustments 003 = Current Payments 004 = Prior Payments 005 = Balance 006 = Monthly Minimum 007 = Annual Commitment 008 = Current Contribution 009 = Total Contribution 010 = Current Transactions 011 = Location Previous Bill Amount 012 = Location Payments & Adjustments 013 = Employee Charges Prior Month 014 = Available usage Allowance 015 = Amount Billed to Employee Prior Month 016 = Tax Amount 017 = Surcharge Amount 018 = Term Discount 019 = Aggregate Discount 020 = ABN Discount 021 = Total Bill Amount 022 = Total Current Charge Amount	

C T R	Generic Amount Module 109 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
					023 = Shipping Amount 024 = Federal Tax 025 = State Tax 026 = SUSF Tax 027 = FUSF Tax 028 = Rate Field 029 = Discount 030 = Promotion 031 = FUSF Surcharge Included in Charge Amount 032 = Surcharge/Fee in Excess of Cap 033 = Business TAR Line Count 034 = Centrex TAR Line Count 035 = Tax/Surcharge/Fee Included in Charge Amount 036 = Discount Percentage 037 = Tax Rate 038 = Charge Amount Including Tax 039 = Contracted Price 040 = State Administrative Fee	
5	Charge Amount	S9(9)V9(4)	11-23	SDR	Format is S9(9)V9999	

**4.166 Extended Phrase Code Module 110**

C T R	Extended Phrase Code Module 110 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
1	Module Number	9(3)	1-3	9DR	See above for description Valid Value = 110	
2	Module Version	X(1)	4-4	XDL	See above for description Valid Value = 'A'	
3	Module Length	9(3)	5-7	9DR	See above for description Valid Value = 040	
4	Phrase Code Type	9(3)	8-10	9DR	Unique code that identifies phrase codes by type. Format is 9(3) The default value of this field is zeroes. 001= Product description 002= Sub Product description 003 = Circuit attribute 004 = Customer reference text 005 = Circuit name/description 006 = Platform Type 007 = Service Type 008 = Product Type 009 = Entity Type 010 = Discount Name 011 = Discount Line Item 012 = Bill Payer Literal 013 = ID Code Description 014 = Account Code Description 015 = Calling Card Code Description 016 = Conference Description 017 = Class of Service 018 = Entity Size 019 = Service Type 020 = CIR 021 = Peak Cell Rate 022 = Sustained Cell Rate 023 = PIP Connection	

C T R	Extended Phrase Code Module 110 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
					024 = vBNS Connection 025 = Standard QoS 026 = EF Real Time CAR 027 = Premium QoS 028 = COS5 Real Time Connection 029 = Multicasting CAR 030 = Charge Description 031 = Additional Charge Description 032 = Directed Billing Account Number 033 = Application ID 034 = Minimum Cell Rate (speed literal) 035 = EVS Description 036 = DSLACI Description 037 = Access Charges Description 038 = URI Description 039 = PVC Attribute 040 = Flow Speed 041 = Current PIR 042 = Bundles 043 = PVC Speed 044 = Billing Type 045 = Verizon Part Description 046 = Ownership Type 047 = Manufacturer's Part Number 048 = Title ID 049 = Package Name 050 = Product Grouping 3 Category Indicator	
5	Phrase Code	X(30)	11-40	XDL	Text Phrase Code	

### 4.167 Circuit Sub Services Module 111

C T R	Circuit Sub Services Module 111 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
1	Module Number	9(3)	1-3	9DR	See above for description Valid value = 111	
2	Module Version	X(1)	4-4	XDL	See above for description Valid value = 'B'	
3	Module Length	9(3)	5-7	9DR	See above for description Valid value = 123	
4	Bandwidth	9(6)	8-13	9DR	Circuit bandwidth in kilobytes. The default value for this field is zeroes. Format is 9(6).	
5	Capacity Type	X(25)	14-38	XDL	Circuit Capacity Type i.e. TCP/IP The default value for this field is spaces.	
6	Sub Service	X(60)	39-98	XDL	Subordinate service type i.e. FIX, BRUT, UTP The default value for this field is spaces.	
7	Market Center	X(25)	99-123	XDL	Market center, i.e. NASDAQ, Sunguard. The default value for this field is spaces.	

### 4.168 City-State Module 112

This module is used when the complete address is not available for a given detail.

C T R	City-State Module 112 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
1	Module Number	9(3)	1-3	9DR	See above for description Valid Value = 112	
2	Module Version	X(1)	4-4	XDL	See above for description Valid Value = 'A'	
3	Module Length	9(3)	5-7	9DR	See above for description Valid Value = 038	
4	Type	9(1)	8-8	9DR	Identifies the address as originating or terminating Format is 9(1) Valid Value: 1 = Originating 2 = Terminating	
5	City	X(28)	9-36	XDL	Populated with city associated with detail	
6	State	X(2)	37-38	XDL	Populated with state associated with detail	



### 4.169 Product Grouping Module 113

Several systems sort / group their details in ways that are not easily replicated by looking at indicators on the various records. This module allows the billing systems to flag the details in ways that are common to different detail types for instance Usage and MRC/NRC details.

This module may be appended to 30/00, 61/00, 62/00, 64/00, 64/50, 65/00, 70/00, and 71/00 records.

C T R	Product Grouping Module 113 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
1	Module Number	9(3)	1-3	9DR	See above for description Valid Value = 113	
2	Module Version	X(1)	4-4	XDL	See above for description Valid Value = 'A'	
3	Module Length	9(3)	5-7	9DR	See above for description Valid Value = 025	
4	Product Grouping 1	X(6)	8-13	XDL	Represents the highest level of the product grouping. (e.g. Data Services) The default value for this field is spaces.	
5	Product Grouping 2	X(6)	14-19	XDL	Represents the second level of the product grouping. (e.g. Frame Relay) The default value for this field is spaces.	
6	Product Grouping 3	X(6)	20-25	XDL	Represents the third level of the product grouping. (e.g. 76k Port) The default value for this field is spaces.	

### 4.170 Contract Fulfillment Account Attributes Module 114

This module captures account level contract information. May be attached to record 10/00. May be attached as many as three (3) times.

C T R	Contract Fulfillment Account Attributes Module 114 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
1	Module Number	9(3)	1-3	9DR	See above for description Valid Value = 114	
2	Module Version	X(1)	4-4	XDL	See above for description Valid Value = 'B'	
3	Module Length	9(3)	5-7	9DR	See above for description Valid Value = Minimum length is 61; Maximum length is 73	
4	Contract ID	X(10)	8-17	XDL	Unique value assigned to identify a contract. Format is aaaaaa-bb (where aaaaaa is the contract number and bb is the revision number). The default value for this field is spaces.	
5	Contract Term	9(3)	18-20	9DR	Number of months included in the term of the contract. Format is PIC 9(03). If the field Contract Family ID Number of Occurrences below is greater than zero, this field must be populated with a non-zero value. Otherwise, the default value for this field is zeroes.	
6	Commitment Amount - \$	S9(9)V9(2)	21-31	SDR	Number of months included in the term of the contract. Format is S9(9)V9(2). The default value for this field is zeroes.	
7	Commitment Start Date	9(6)	32-37	9DR	Date of the start of the contract. Format is YYMMDD. If the field Contract Family ID Number of Occurrences below is greater than zero, this date field must be populated with a valid date. Otherwise, the default value for this field is zeroes.	
8	Commitment Renewal Date	9(6)	38-43	9DR	Date of the contract renewal. Format is YYMMDD. If the field Contract Family ID Number of Occurrences below is greater than zero, this date field must be populated with a valid date. Otherwise, the default value for this field is zeroes.	
9	Total Contribution for Contract Term Amount - \$	S9(9)V9(2)	44-54	SDR	Total dollar amount of contributions to the commitment amount for the life of the contract. Format is S9(9)V9(2). The default value for this field is zeroes.	
10	Contract Expiration Date	9(6)	55-60	9DR	Expiration date of the contract.	

C T R	Contract Fulfillment Account Attributes Module 114 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
					Format is YYMMDD. If the field Contract Family ID Number of Occurrences below is greater than zero, this date field must be populated with a valid date. Otherwise, the default value for this field is zeroes.	
11	Contract Family ID Number of Occurrences	9(1)	61-61	9DR	Number of times the following data field is repeated for multiple occurrences of similar data. The default value for this field is 0. Valid values are 1 thru 6.	
	Contact Family ID Area		62-73	GRP	The following field (denoted by @) is multiplied from 1 to 6 times depending on the Contract Family ID Number of Occurrences field.	
12	@Contract Family ID	X(2)	62-63	XDL	Contract Family IDs applicable to the account. This is the list of possible product families that are applicable to the new 2 year business contracts. Valid values are: 'CP' = CustoSak Family 'DT' = Dial Tone Family 'SO' = Solutions Bundle	

### 4.171 Grouping Module 115

This module is used to convey elements required to identify charges that need to be grouped and or summarized on an invoice display. Section Number will determine the fields required for grouping, including Account Category or Section Type. In addition, grouping may require fields on the attached record or associated text records.

<i>Grouping:</i>		
Section Type	Fields Needed for Grouping	Plus Additional Fields Needed for Grouping
A02	Account Category	Text (71/20)
A03	Account Category	Text (71/20) + Employee ( 077m SDIC 125 = Employee Name on 71/00)
A04	Account Category	Text (71/20) + Employee ( 077m SDIC 125 = Employee Name on 71/00)
A06	Account Category	Text (71/20) + Employee ( 077m SDIC 125 = Employee Name on 71/00)
L03	Section Number	Employee ( 077m SDIC 125 = Employee Name on 71/00)
L07	Section Number	Effective Date (71/00) + Employee ( 077m SDIC 125 = Employee Name on 71/00) + Text (71/20)
P02	Section Number	Text (71/20)

This module is valid on the Record 71/00 only.

C T R	Grouping Module 115 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
1	Module Number	9(3)	1-3	9DR	See above for description Valid value =115	
2	Module Version	X(1)	4-4	XDL	See above for description Valid value = 'A'	
3	Module Length	9(3)	5-7	9DR	See above for description	

C T R	Grouping Module 115 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
					Valid value = 030	
4	Section Number	X(4)	8-11	XDL	This field describes the Section Number needed for grouping. The default value for this field is spaces.	
5	Account Category	X(16)	12-27	XDL	This field describes the Account Category needed for grouping. The default value for this field is spaces.	
6	Section Type	X(3)	28-30	XDL	This field describes the Section Type. Section Type determines the fields used for grouping. The default value for this field is spaces.	

### 4.172 Usage Amount Module 116

This module is used to denote usage quantities for services based on Usage Type Indicator such as calls and/or minutes above and beyond what may appear on a primary or sub record itself. Currently this may be associated to 29/00, 30/00, 62/00, 63/00 and 71/00 records and is used for network solutions usage charges to denote calls and minutes.

C T R	Usage Amount Module 116 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
1	Module Number	9(3)	1-3	9DR	See above for description Valid Value = 116	
2	Module Version	X(1)	4-4	XDL	See above for description Valid Value = 'A'	
3	Module Length	9(3)	5-7	9DR	See above for description Valid Value = 022	
4	Usage Type Indicator	X(2)	8-9	XDL	This indicates the type of usage units tallied in the usage increment fields. The default value for this field is spaces. See "Table of Values" section in main Vz450 spec. for field values.	
5	Usage Amount	9(9)V9(4)	10-22	9DR	Usage quantity related. Format is 9(9)V9999. The default value for this field is zeroes.	

### 4.173 Conferencing Attributes Module 117

This module may be appended to a 62/00 or 71/00 record for audio, net or video conferencing usage or recurring or non-recurring charges to denote additional attributes that are only applicable conferencing data that originates in Millennium.

C T R	Conferencing Attributes Module 117 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
1	Module Number	9(3)	1-3	9DR	See above for description Valid Value = 117	
2	Module Version	X(1)	4-4	XDL	See above for description Valid Value = 'A'	
3	Module Length	9(3)	5-7	9DR	See above for description Valid Value = 073	
4	Sort Key	X(50)	8-57	XDL	Identifier used to group conference charges together by conference and level of service type. The default value for this field is spaces.	
5	Level of Service	X(15)	58-72	XDL	Describes the type of conferencing (premier, unattended, etc). The default value for this field is zeroes.	
6	Conference Type	X(1)	73-73	XDL	Describes the overall type of conferencing. The default value for this field is spaces. Valid values: ' ' = default 'A' = Audio Conferencing 'N' = Net Conferencing 'V' = Video Conferencing	

### 4.174 Video Conference Attributes Module 118

This module may be appended to a 62/00 record denoting video conferencing usage to denote additional attributes that are only applicable to video conferencing data that originates in Millennium.

C T R	Video Conference Attributes Module 118 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
1	Module Number	9(3)	1-3	9DR	See above for description Valid Value = 118	
2	Module Version	X(1)	4-4	XDL	See above for description Valid Value = 'A'	
3	Module Length	9(3)	5-7	9DR	See above for description Valid Value = 123	
4	Description Of Service	X(50)	8-57	XDL	Text that describes the video conference service for a particular video conference instance. The default value for this field is spaces.	
5	Facility	X(64)	58-121	XDL	Description of video conference facility. Examples include: 'Building A', 'Second floor conference room', etc. The default value for this field is zeroes.	
6	Number of Channels	9(2)	122-123	9DR	Count of the number of channels for a video conference instance. Format is 9(2). The default value for this field is zeroes.	



### 4.175 Generic Amount with Floating Decimal Module 120

This module is to be used to capture an amount that exceeds the size of its field in the main record. The amount being captured is identified by the Charge Type Code.

This module may be attached to any record type and may be used as many times as needed.

C T R	Generic Amount with Floating Decimal Module 120 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
1	Module Number	9(3)	1-3	9DR	See above for description Valid Value = 120	
2	Module Version	X(1)	4-4	XDL	See above for description Valid Value = 'A'	
3	Module Length	9(3)	5-7	9DR	See above for description Valid Value = 032	
4	Charge Type Code	9(3)	8-10	9DR	Charge Type Code Unique identifier that represents the charge amount to be referenced. Format is 9(3) 000 = Default (used when Charge Amount position is populated) 001 = Rate	
5	Amount	S9(9)V9(9)	11-28	SDR	Amount associated with charge type code. Format is S9(9)V9(9)	
6	Amount Position	9(4)	29-32	9DR	The position of the beginning byte of the charge amount field in the main record that this module references. Format is 9(4).	

### 4.176 Per Call Surcharges Module 124

This module is used to provide per call surcharge types and associated dollar amounts needed for financial transformation.

This module can appear on 62/00, 64/00 and 64/50 records.

C T R	Per Call Surcharges Module 124 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
1	Module Number	9(3)	1-3	9DR	See above for description Valid value = 124	
2	Module Version	X(1)	4-4	XDL	See above for description Valid value = 'B'	
3	Module Length	9(3)	5-7	9DR	See above for description Valid value = 027	
4	Surcharge Type	X(2)	8-9	XDL	A unique code that denotes the kind of surcharge. The default value for this field is spaces. Valid values: 'AA' = International Mobile Surcharge 'AB' = RTANI Surcharge 'AC' = ROW Origination Surcharge 'AD' = ROW Termination Surcharge 'AE' = NCR Surcharge 'AF' = NCT Surcharge 'AG' = OOBS Surcharge 'AH' = Usage Surcharge 'AI' = CNAM Surcharge 'CB' = Voice Call Back  PIC X(2)	
5	Surcharge Indicator	X(2)	10-11	XDL	Unique value that indicates whether or not a particular type of surcharge is applicable. The default value for this field is spaces Valid values: ' ' = not applicable/No 'Y' = applicable	

C T R	Per Call Surcharges Module 124 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
					Note: Additional values will be passed thru for which there are not set/kn own domain values. PIC X(2)	
6	Surcharge Amount - \$	9(5)V99	12-18	9DR	The dollar amount associated with a particular type of surcharge, The default value for this field is zeroes. PIC 9(5)V99	
7	Surcharge Count	9(9)	19-27	9DR	The default value for this field is zeroes. PIC 9(9)	

### 4.177 Additional Circuit Data Module 125

This module is used to provide per additional circuit data fields needed for financial transformation.

This module can appear on a 62/00 or 71/00 record.

C T R	Additional Circuit Data Module 125 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
1	Module Number	9(3)	1-3	9DR	See above for description Valid value = 125	
2	Module Version	X(1)	4-4	XDL	See above for description Valid value = 'A'	
3	Module Length	9(3)	5-7	9DR	See above for description Valid value = 022	
4	Circuit Service Type	X(8)	8-15	XDL	Identifies circuit type/pipe size i.e. DS1, DS3, etc The default value for this field is spaces PIC X(8)	
5	Access Circuit ID	X(6)	16-21	XDL	Identifies the access circuit ID for a DS1. The default value for this field is spaces PIC X(6)	
6	NxDS1 Indicator	X(1)	22-22	XDL	Indicates whether a circuit is comprised of a bundle of DS1s The default value for this field is spaces PIC X	

### 4.178 Promotion Information Module 126

This module is used to provide additional promotion data codes and eligible dollar amounts needed for financial transformation.

This module can appear on a 20/00, 62/00 or 71/00 record.

C T R	Promotion Information Module 126 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
1	Module Number	9(3)	1-3	9DR	See above for description Valid value = 126	
2	Module Version	X(1)	4-4	XDL	See above for description Valid value = 'A'	
3	Module Length	9(3)	5-7	9DR	See above for description Valid value = 027	
4	Promotion Charge Type	X(2)	8-9	XDL	A two byte code that uniquely identifies the type of promotion. The default for this field is spaces. X(2)	
5	Promotion Eligible Amount	S9(7)V9(2)	10-18	SDR	The dollar amount that the promotion is based on. The default value is zeroes. S9(7)V9(2)	
6	Promotion Code	X(9)	19-27	XDL	Unique identifier that defines each type of promotion. The default value of this field is spaces. PIC X(9)	

**4.179 Expanded Amount Module 128**

This module is used to convey charge amounts with up to 10 decimal places.

C T R	Expanded Amount Module 128 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
1	Module Number	9(3)	1-3	9DR	See above for description Valid value =128	
2	Module Version	X(1)	4-4	XDL	See above for description Valid Value = 'A'	
3	Module Length	9(3)	5-7	9DR	See above for description Valid Value = 036	
4	Charge Amount	S9(15)V9(10)	8-32	SDR	Charge Amount. Format is S9(15)V9(10).	
5	Charge Amount Position	9(4)	33-36	9DR	The position of the beginning byte of the charge amount field in the main record that this module references. Format is 9(4).	

**4.180 Enhanced Call Routing (ECR) Call Detail Module 129**

This module may only be appended to a 62/00 record once.

C T R	ECR Call Detail Module 129 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
1	Module Number	9(3)	1-3	9DR	See above for description Valid Value = 129	
2	Module Version	X(1)	4-4	XDL	See above for description Valid Value = 'A'	
3	Module Length	9(3)	5-7	9DR	See above for description Valid Value = 047	
4	Platform Minutes	9(8)V99	8-17	9DR	Toll Free ECR Platform Minutes. Format is 9(8)V99	
5	Platform Usage Charges	9(8)V99	18-27	9DR	Toll Free ECR Platform Usage Charges. Format is 9(8)V99	
6	Transport Minutes	9(8)V99	28-37	9DR	Toll Free ECR Transport Minutes. Format is 9(8)V99	
7	Transport Usage Charges	9(8)V99	38-47	9DR	Toll Free ECR Transport Usage Charges. Format is 9(8)V99	

**4.181 Enhanced Call Routing (ECR) Feature Detail Module 130**

This module may be appended multiple times to one 62/00 record.

C T R	ECR Feature Detail Module 130 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
1	Module Number	9(3)	1-3	9DR	See above for description Valid Value = 130	
2	Module Version	X(1)	4-4	XDL	See above for description Valid Value = 'A'	
3	Module Length	9(3)	5-7	9DR	See above for description Valid Value = 027	
4	Feature Type	X(2)	8-9	XDL	Type of feature. These will be decoded using a 95/00 record with Type Data = 022 (Feature Type reference data) and Field Name = "Feature Type".	
5	Feature Quantity	9(9)	10-18	9DR	Number of features in use.	
6	Feature Amount	9(7)V99	19-27	9DR	Amount charged for features. Format is 9(7)V99	



### 4.182 Resource Unit (RU) Billing Module 140

This module captures the Resource Unit (RU) billing rating information associated with the RU summary. It is appended to the 71 RU summary record.

C T R	Resource Unit (RU) Billing Module 140 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
1	Module Number	9(3)	1-3	9DR	Valid value = 140	
2	Module Version	X(1)	4-4	XDL	Valid Value = 'B'	
3	Module Length	9(3)	5-7	9DR	Valid Value = Minimum length is 160; Maximum length is 524	
4	Contract ID	X(25)	8-32	XDL	Contract Identifier passed from Account Configuration System.	
5	Measurement Period	X(1)	33-33	XDL	Valid values: 'A' = Monthly 'B' = Quarterly 'C' = Semi-Annual 'D' = Annual	
6	Measurement Date	9(8)	34-41	9DR	Actual date of the next measurement period. Valid format is YYYYMMDD. The default value for this field is zeroes.	
7	RU Category	X(1)	42-42	XDL	Valid values: 'A' = Subscription Resource Unit (i.e. Monthly Recurring Charges) 'B' = Transactional Resource Unit (i.e. Usage)	
8	Baseline Charge	S9(11)V99	43-55	SDR	Baseline negotiated for this RU. Format is S9(11)V99.	
9	Dead Band Indicator	X(1)	56-56	XDL	Indicates whether or not the RU utilizes the Dead Band feature. Valid values: '0' = Dead Band not used (default) '1' = Dead Band Applicable	
10	ARC/RRC Indicator	X(1)	57-57	XDL	Indicates whether Additional Resource Charges (ARCs) or Reduced Resource Credits (RRCs) are applicable for this period. Valid values: '0' = No ARCs or RRCs Activity (default) '1' = ARC '2' = RRC	
11	Utilized Quantity	9(9)	58-66	9DR	Utilized quantity of units. Format is 9(9).	

C T R	Resource Unit (RU) Billing Module 140 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
12	Reserved	X(1)	67-67	XDL	The default value for this field is spaces.	
13	RU Bands Number of Occurrences	9(2)	68-69	9DR	Number of times the following data fields are repeated for multiple occurrences of similar data. If the RU doesn't have bands the default value for this field is 01.	
	Related Band Area		70-524	GRP	The following fields (denoted by @) are multiplied from 1 to 5 times depending on the RU Bands Number of Occurrences field.	
14	@ Quantity	S9(9)	70-78	SDR	Quantity of units above or below the baseline. Format is S9(9).	
15	@ Rate	S9(9)V99	79-89	SDR	Rate applied for RUs above or below the baseline. Format is S9(9)V99.	
16	@ Charge	S9(9)V99	90-100	SDR	Charge applied to RUs above or below the baseline. Format is S9(9)V99.	
17	@ Taxes & Surcharges	S9(9)V99	101-111	SDR	Portion of total RU taxes & surcharges at this band. Format is S9(9)V99.	
18	@ Total Charges	S9(9)V99	112-122	SDR	Portion of total RU charges at this band. Format is S9(9)V99.	
19	@ RU Band Start	S9(9)	123-131	SDR	The low end boundary of the band. The default value for this field is zeroes. Format is S9(9).	
20	@ RU Band End	S9(9)	132-140	SDR	The high end boundary of the band. The default value for this field is zeroes. Format is S9(9).	
21	@ Band Name	X(15)	141-155	XDL	This is the text description of the distance band. Populated where available/applicable. The default value for this field is spaces.	
22	@ Reserved	X(5)	156-160	XDL	The default value for this field is spaces.	

**4.183 Target Summary Bundle Module 163**

This module is used to pass the total of the Charge Amount and Tax Amount fields for all 71/00 records with a matching Target Summary Bundle ID (Module 077, SDIC = 249).

It is valid on a 71/00 record only.

C T R	Target Summary Bundle Module 163 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
1	Module Number	9(3)	1-3	9DR	See above for description Valid Value = 162	
2	Module Version	X(1)	4-4	XDL	See above for description Valid Value = A	
3	Module Length	9(3)	5-7	9DR	See above for description Valid Value = 035	
4	Target Summary Bundle Total Charge Amount	S9(9)V99	8-18	SDR	This field contains the total of the Charge Amount fields for all 71/00 records with a matching Target Summary Bundle ID (Module 077, SDIC = 249). Format is S9(9)V99 Valid value is zeros	
5	Target Summary Bundle Total Tax Amount	S9(11)V9(6)	19-35	SDR	This field contains the total of the Tax Amount fields for all 71/00 records with a matching Target Summary Bundle ID (Module 077, SDIC = 249). Format is S9(11)V9(6) Valid value is zeros	

**4.184 Wireless Voice Non-Call Summary Module 200**

This module is used to pass Roamer, Directory Assistance and Other non-call summary charges.

It is attached to a 63/00 record.

C T R	Wireless Voice Non-Call Summary Module 200 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
1	Module Number	9(3)	1-3	9DR	See above for description Valid Value = 200	
2	Module Version	X(1)	4-4	XDL	See above for description Valid Value = A	
3	Module Length	9(3)	5-7	9DR	See above for description Valid Value = 040	
4	Roamer Surcharges	S9(9)V99	8- 18	SDR	This field contains the sum of all the daily use surcharges. Format is S9(9)V99 The default value for this field is zeroes.	
5	Directory Assistance Charges	S9(9)V99	19-29	SDR	This field contains the sum of all the directory assistance charges. Format is S9(9)V99 The default value for this field is zeroes.	
6	Other Non-Call Charges	S9(9)V99	30-40	SDR	This field contains the accumulation of all other non-call charges. Format is S9(9)V99 The default value for this field is zeroes.	

### 4.185 Wireless Voice Call Summary by Toll Type Module 201

This module is used to pass summary charges by Home and Roamer, further by Domestic and International Toll summary charges.

It is attached to a 63/00 record.

C T R	Wireless Voice Call Summary by Toll Type Module 201 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
1	Module Number	9(3)	1-3	9DR	See above for description Valid Value = 201	
2	Module Version	X(1)	4-4	XDL	See above for description Valid Value = A	
3	Module Length	9(3)	5-7	9DR	See above for description Valid Values = minimum length 41 maximum length 66	
4	Toll Type Family Grouping Indicator	9(1)	8-8	9DR	Identifies the type of Toll Type Family grouping in this occurrence. Default value is zero. Valid values: 1 = Home 2 = Roamer	
5	Number of Calls	9(7)	9-15	9DR	Count of calls within the Toll Type Family	
6	Toll Type Sub Groupings Number of Occurrences	9(1)	16-16	9DR	Number of times the following data fields are repeated for multiple occurrences of similar data.	
	Toll Type Sub Grouping Area		17-66	GRP	The following fields (denoted by @) are multiplied 1 to 2 times depending on the Toll Type Sub Groupings Number of Occurrences field. If populated to capacity, positions 17-66 will display similar data for two Toll Type Sub Groupings.	
7	@Toll Type Grouping Indicator	9(1)	17-17	9DR	Identifies the type of Toll Type grouping in this occurrence. Default value is zero. Valid values: 1 = Home Domestic Toll 2 = Home International Toll 3 = Roamer Domestic Toll 4 = Roamer International Toll	
8	@ Minutes	S9(11)V99	18-30	SDR	Minutes used for this grouping. Format is S9(11)V99. Default value is zeroes.	
9	@Charge	S9(9)V99	31-41	SDR	Charge for this grouping. Format is S9(9)V99. Default value is zeroes.	

### 4.186 Wireless Voice Call Summary by Call Type Module 202

This module is used to pass call summary by Home Call, Roamer Call, Extended Home Service and Home Roam/Roam-like Home and further by call type.

It is attached to a 63/00 record.

C T R	Wireless Voice Call Summary Module 202 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
1	Module Number	9(3)	1-3	9DR	See above for description Valid Value = 202	
2	Module Version	X(1)	4-4	XDL	See above for description Valid Value = A	
3	Module Length	9(3)	5-7	9DR	See above for description Valid Value = minimum length 055 maximum length 172	
4	Call Type Family Grouping Indicator	9(1)	8-8	9DR	Identifies the type of call Type grouping in this occurrence. Default value is zero.  Valid values: 1 = Home Call 2 = Roamer Call 3 = Extended Home Service 4 = Home Roam/Roam-Like Home	
5	Call Type Family Grouping Number of Calls	9(7)	9-15	9DR	Count of calls within the Call Type Family Default value is zeroes.	
6	Call Type Sub Groupings Number of Occurrences	9(1)	16-16	9DR	Number of times the following data fields are repeated for multiple occurrences of similar data. Default value is 1.	
	Call Type Sub Grouping Area		17-172	GRP	The following fields (denoted by @) are multiplied 1 to 4 times depending on the Call Type Sub Groupings Number of Occurrences field. If populated to capacity, positions 17-172 will display similar data for 4 Call Type Sub Groupings.	
7	@Call Type Sub Grouping Indicator	9(2)	17-18	9DR	Identifies the type of Call Type Sub grouping in this occurrence. Default value is zeroes.  Valid values: 01 = Home Peak	

C T R	Wireless Voice Call Summary Module 202 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
					02 = Home Offpeak 03 = Home Off-Offpeak 04 = Home Other 05 = Extended Home Peak 06 = Extended Home Offpeak 07 = Extended Home Off-Offpeak 08 = Extended Home Other 09 = Home Roam Peak 10 = Home Roam Offpeak 11 = Home Roam Off-Offpeak 12 = Home Roam Other 13 = Roam Peak 14 = Roam Offpeak 15 = Roam Off-Offpeak 16 = Roam Other	
8	@Allowance Used	S9(13)	19-31	SDR	Allowance allowed for this call type occurrence. Format is SM MMMMMMMMMMMSS. Default value is zeroes.	
9	@Allowance Exceeded	S9(13)	32-44	SDR	Amount of minutes/seconds over allowance. Format is SM MMMMMMMMMMMSS. Default value is zeroes.	
10	@Charge	S9(9)V99	45-55	SDR	Charge for this call type grouping. Format is S9(9)V99. Default value is zeroes.	

### 4.187 Wireless Data Call Summary Module 203

This module is used to append additional voice aggregated fields from the MABEL 59 record to the VZ450 63-00 record. This is applicable to the data events only.

It is attached to a 63/00 record.

C T R	Wireless Data Call Summary Module 203 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
1	Module Number	9(3)	1-3	9DR	See above for description Valid Value = 203	
2	Module Version	X(1)	4-4	XDL	See above for description Valid Value = A	
3	Module Length	9(3)	5-7	9DR	See above for description Valid Value = 027	
4	Anticipated Quality of Service	9(3)	8-10	9DR	This field contains the performance details regarding the level of the anticipated quality of service provided for the data service. The default value for this field is zeroes.	
5	Data Service Plan Unit of Measure	X(3)	11-13	XDR	This field contains the unit of measure that defines the allowance (e.g. Seconds, Minutes, and Kilobytes) for this phone. All 6350s -201 details that are associated with the 6300 record must share the same unit of measure. The unit of measure for usage may be different from the <i>Allowance Unit of Measure</i> e.g. Allowance is in GB, but usage is captured in KB. Default value is spaces  Valid values: SEC = Seconds MIN = Minutes KBY = Kilobytes KBI = Kilobits PKT = Packets MBY = Megabytes MBI = Megabits TBY = Terabytes TBI = Terabits GBY = Gigabytes	



C T R	Wireless Data Call Summary Module 203 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
					GBI = Gigabits EVT = Event (Number of Items) UNK = Unknown	
6	Data Service Usage Unit of Measure	X(3)	14-16	XDR	This field contains the unit of measure that defines the allowance (e.g. Seconds, Minutes, and Kilobytes) for this usage. All 6350s-201 details that are associated with the 6300 record must share the same unit of measure. The unit of measure for usage may be different from the <i>Allowance Unit of Measure</i> e.g. Allowance is in GB, but usage is captured in KB. Default value is spaces  Valid values: SEC = Seconds MIN = Minutes KBY = Kilobytes KBI = Kilobits PKT = Packets MBY = Megabytes MBI = Megabits TBY = Terabytes TBI = Terabits GBY = Gigabytes GBI = Gigabits EVT = Event (Number of Items) UNK = Unknown	
7	Total Other Charge/Surcharges	S9(9)V99	17-27	SDR	Total of all the other charge fields from the 6350s-201 associated with the 6300 data summary. Format is S9(9)V99. Default value is zeroes.	

### 4.188 Wireless Data Call Summary by Call Type Module 204

This module is used to append additional voice aggregated fields from the MABEL 59 record to the VZ450 63-00 record. This is applicable to the data events only.

It is attached to a 63/00 record.

C T R	Wireless Data Call Summary by Call Type Module 204 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
1	Module Number	9(3)	1-3	9DR	See above for description Valid Value = 204	
2	Module Version	X(1)	4-4	XDL	See above for description Valid Value = A	
3	Module Length	9(3)	5-7	9DR	See above for description Valid Value = minimum length 055 maximum length 172	
4	Call Type Family Grouping Indicator	9(1)	8-8	9DR	Identifies the type of call Type grouping in this occurrence. Default value is zero.  Valid values: 1 = Home Call 2 = Roamer Call 3 = Extended Home Service 4 = Home Roam/Roam-Like Home	
5	Number of Calls	9(7)	9-15	9DR	Count of calls within the Call Type Family Grouping Default value is zeroes.	
6	Call Type Sub Groupings Number of Occurrences	9(1)	16-16	9DR	Number of times the following data fields are repeated for multiple occurrences of similar data.	
	Call Type Sub Grouping Area		17-172	GRP	The following fields (denoted by @) are multiplied 1 to 4 times depending on the Call Type Sub Groupings Number of Occurrences field. If populated to capacity, positions 17-172 will display similar data for four Call Type Sub Groupings.	
7	@Call Type Sub Grouping Indicator	9(2)	17-18	9DR	Identifies the type of Call Type Sub grouping in this occurrence. Default value is zeroes.  Valid values: 01 = Home Peak 02 = Home Offpeak	

C T R	Wireless Data Call Summary by Call Type Module 204 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
					03 = Home Off-Offpeak 04 = Home Other 05 = Extended Home Peak 06 = Extended Home Offpeak 07 = Extended Home Off-Offpeak 08 = Extended Home Other 09 = Home Roam Peak 10 = Home Roam Offpeak 11 = Home Roam Off-Offpeak 12 = Home Roam Other 13 = Roam Peak 14 = Roam Offpeak 15 = Roam Off-Offpeak 16 = Roam Other	
8	@Allowance Used	S9(9)V9(4)	19-31	SDR	Allowance allowed for this call type occurrence. Format is S9(9)V9(4). Default value is zeroes.	
9	@Allowance Exceeded	S9(9)V9(4)	32-44	SDR	Amount of minutes/seconds over allowance. Format is S9(9)V9(4). Default value is zeroes.	
10	@Charge	S9(9)V99	45-55	SDR	Charge for this call type grouping. Format is S9(9)V99. Default value is zeroes.	

### 4.189 Wireless Voice Details Module 205

This module is used to pass additional information required for Wireless voice details. This module can be attached to a 63/50 Type Data 201 record.

C T R	Wireless Voice Detail Module 205 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
1	Module Number	9(3)	1-3	9DR	See above for description Valid value = 205	
2	Module Version	X(1)	4-4	XDL	See above for description Valid Value = 'A'	
3	Module Length	9(3)	5-7	9DR	See above for description Valid Value = 23	
4	Airtime Charges Display Properties	X(1)	8-8	XDL	Indicator used to modify what is to be displayed in the Airtime Charges column on the Voice Usage Charges – Call Detail Tab. Default value is space. Values are: ' ' = No modification required '4' = 4 asterisks should be displayed '****'	
5	Reserved	X(15)	9-23	XDL	The default value for this field is spaces.	

### 4.190 Wireless Event Detail Voice Specific Module 210

This module is used to append additional voice aggregated fields from the MABEL 59 record to the VZ450 63-00 record. This is applicable to the data events only.

It is attached to a 63/50 Type 201 record.

C T R	Wireless Event Detail Voice Specific Module 210 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
1	Module Number	9(3)	1-3	9DR	See above for description Valid Value = 210	
2	Module Version	X(1)	4-4	XDL	See above for description Valid Value = A	
3	Module Length	9(3)	5-7	9DR	See above for description Valid Value = 117	
4	Called Number Length	9(2)	8-9	9DR	This field indicates the length of the called number. Default value is zeroes.	
5	Called Number	9(15)	10-24	9DR	This field contains the called number.	
6	Air Duration	S9(5)V99	25-31	SDR	This field is used to carry the duration of the call in minutes and seconds as SMMMMMSS. Format is S9(5)V99. Default value is zeroes.	
7	Air Time Included In Allowance	S9(5)V99	32-38	SDR	This field contains the number of billable minutes and seconds of this call that are applicable to the allowance as SMMMMMSS. The allowance represents the buckets of minutes given to a subscriber as free, included in the rate plan or as a promotion. When a subscriber has used all of the free minutes, included in rate plan or promotion of this bill cycle, this field should be zero (0). Format is S9(5)V99. Default value is zeroes.	
8	Toll Type	9(1)	39-39	9DR	This field is used to group the toll call as either domestic or international.  Valid values: 0 = No Toll Included (default) 1 = Domestic Toll 2 = International	
9	Toll Category	9(2)	40-41	9DR	This field is used to further define the toll call..  Valid values:	

C T R	Wireless Event Detail Voice Specific Module 210 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
					00 = No Toll Charge on Record (default) 01 = International -- Origination from a North American Numbering Plan Number and Termination to a Non-North American Numbering Plan Number 02 = Interstate InterLATA (including Puerto Rico) 03 = Intrastate InterLATA 04 = Intrastate IntraLATA 05 = Directory Assistance Interstate InterLATA 06 = Directory Assistance Interstate IntraLATA 07 = Local Call (e.g. Message Unit or Local Toll Type Charge) 08 = Dial-It 09 = Special Promotional Tariffs 10 = Interstate IntraLATA 11 = Intra Province - Canada 12 = Inter Province - Canada 13 = Directory Assistance Intrastate InterLATA 14 = Directory Assistance Intrastate IntraLATA 15 = Toll Free 16 = Incoming Call 17 = International -- Origination from and Termination to a North American Numbering Plan Number 18 = Intra-Mexico 19 = International -- Origination from Non-North American Numbering Plan Number 20 = International -- Origination from and Termination to a Non-North American Numbering Plan Number 21 = Intra-Country -- Origination from and Termination to a Non-North American Numbering Plan Number	
10	Toll Rate Period Indicator	9(1)	42-42	9DR	This field provides the rate period when the toll call started. Default value is zero. Valid values: 1 = Day 2 = Evening 3 = Night 4 = Late Night	

C T R	Wireless Event Detail Voice Specific Module 210 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
					5 = Other	
11	Toll Duration	S9(5)V99	43-49	SDR	This field is used to report the duration of the toll call. Format is S9(5)v99. Default value is zeroes.	
12	Toll Charge	S9(6)V99	50-57	SDR	This field contains the toll charge for the call. Format is S9(6)V99. Default value is zeroes.	
13	Toll Carrier Code	9(5)	58-62	9DR	This field contains the industry maintained code of the toll network carrier ID. Default value is zero.  Note: The default of 00000 may be used for a CIC that does not exist, Local Calls, IntraLATA calls or All other "non-toll" calls. Other noted Valid values: 90001 Telmex 99001 Cellular Carrier Generated Toll Charges 99999 Multiple Carrier Used During the Billing Period	
14	Call Completion Indicator	9(1)	63-63	9DR	This field is used to indicate how the call was completed. Default value is zeroes.  Valid values: 1 = Incomplete 2 = Called Party Answered 3 = Called completed but midnight passed before called party answered 4 = Call Party Answered but abnormal termination of call 5 = Call completed but midnight passed and abnormal term of call 6 = Call Party Answered - Unknown termination of call 7 = Credit Record 8 = Not a Record	
15	Printed Call	X(15)	64-78	XDL	This field was created for situations where the Service Provider intends for the actual called number to be replaced with text on the end user's invoice. Where text is not available or is not used, the called number and called number overflow digits should occupy the field. Default value is spaces.	
16	From City	X(10)	79-88	XDL	This field contains the city name where a roamer call originated. Default value is spaces.	
17	From State/Province	X(2)	89-90	XDL	This field contains the state or province where a roamer call originated. Default value is spaces.	

C T R	Wireless Event Detail Voice Specific Module 210 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
					- For Operator Calls, this field will contain a CL. - For Daily Use Charge, this field will contain a CH.	
18	From Country	X(3)	91-93	XDL	This field contains the country where a roamer call originated. Default value is spaces.	
19	Actual Minutes and Seconds	S9(5)V99	94-100	SDR	This field represents the actual elapsed airtime of the call. This field must contain the exact minutes and seconds elapsed from connect to disconnect time. Format is S9(5)V99. Default value is zeroes.	
20	Caller ID Length	9(2)	101-102	9DR	This field is used to indicate the length of the <i>Caller ID</i> . Default value is zeroes.	
21	Caller ID	9(15)	103-117	9DR	This field is used to identify the calling number. Default value is zeroes.	



**4.191 Wireless Event Detail Data Specific Module 212**

This module is used to append additional voice aggregated fields from the MABEL 59 record to the VZ450 63-00 record. This is applicable to the data events only.

It is attached to a 63/50 Type 201 record.

C T R	Wireless Event Detail Data Specific Module 212 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
1	Module Number	9(3)	1-3	9DR	See above for description Valid Value = 212	
2	Module Version	X(1)	4-4	XDL	See above for description Valid Value = A	
3	Module Length	9(3)	5-7	9DR	See above for description Valid Value = 089	
4	Data Service Plan Code	X(10)	8-17	XDR	This field contains the data service plan code for this phone. Default value for this field is spaces.	
5	Data Service Plan Unit of Measure	X(3)	18-20	XDR	This field contains the unit of measure that defines the allowance (e.g. Seconds, Minutes, and Kilobytes) for this phone. All 6350s -201 details that are associated with the 6300 record must share the same unit of measure. The unit of measure for usage may be different from the <i>Allowance Unit of Measure</i> e.g. Allowance is in GB, but usage is captured in KB. Default value is spaces  Valid values: SEC = Seconds MIN = Minutes KBY = Kilobytes KBI = Kilobits PKT = Packets MBY = Megabytes MBI = Megabits TBY = Terabytes TBI = Terabits GBY = Gigabytes GBI = Gigabits	

C T R	Wireless Event Detail Data Specific Module 212 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
					EVT = Event (Number of Items) UNK = Unknown	
6	Service Quantity	S9(9)V9(4)	21-33	SDR	This field contains the total billable quantity of service for this call/transaction. Format is S9(9)V9999. For example, if 60 minutes was used during the call, then the <i>Service Quantity</i> field should be populated as follows: 00000006000. Default value is zeroes.	
7	Other Service Charge/Surcharge	S9(6)V99	34-41	SDR	This field contains the sum of all the other service charges/surcharges. Format is S9(6)V99. Default value is zeroes.	
8	Data Service Connection	X(40)	42-81	XDL	This field contains the IP Address or fully qualified name for the billable transaction. Default value is spaces.	
9	Quality of Service	9(5)	82-86	9DR	This field contains the performance details regarding the level of quality of service provided for the data service e.g. this field may contain the transmission rate for a download, the performance quality of the Internet connection, etc. Format is 9(5). Default value is zeroes.	
10	Quality of Service Unit of Measure	X(3)	87-89	XDL	This field contains the unit of measure for the data service used (e.g. Seconds, Minutes, Kilobytes) for this phone. The unit of measure for quality of service may be different from the usage unit of measure. Default value is spaces.  Valid values: SEC= Seconds MIN = Minutes KBY = Kilobytes KBI = Kilobits PKT = Packets MBY = Megabytes MBI = Megabits TBY = Terabytes TBI = Terabits GBY = Gigabytes GBI = Gigabits EVT = Event (Number of Items) UNK = Unknown	

### 4.192 Wireless Share Group Module 213

This module is used to pass along information specific to Verizon Wireless Share Groups. This module will be attached to record 72/00 when applicable and can only appear once per record.

C T R	Wireless Share Group Module 213 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
1	Module Number	9(3)	1-3	9DR	See above for description Valid value = 213	
2	Module Version	X(1)	4-4	XDL	See above for description Valid value = 'B'	
3	Module Length	9(3)	5-7	9DR	See above for description Valid value = 200	
4	Voice Share Set Code	X(9)	8-16	XDL	Vision's Share Set Code for Voice Share Group. The default value for this field is spaces.	
5	Messaging Share Set Code	X(9)	17-25	XDL	Vision's Share Set Code for Messaging Share Group. The default value for this field is spaces.	
6	Data Share Set Code	X(9)	26-34	XDL	Vision's Share Set Code for Data Share Group. The default value for this field is spaces.	
7	Feature or Plan Classification	X(20)	35-54	XDL	Identifies whether a charge is for a Feature or Plan and whether it's associated with a Share Group. The default value for this field is spaces.	
8	Purchase Sales Tax Footnote Ind	X(1)	55-55	XDL	Indicates if "State Sales Tax" footnote should be displayed with "Purchases from Other Vendors" charge. Valid values: ' ' = default (does not apply) '1' = Footnote should be displayed. The default value for this field is spaces.	
9	Purchase Tax Footnote Ind	X(1)	56-56	XDL	Indicates if "Taxes on Purchases from Other Vendors" footnote should be displayed with "Purchases from Other Vendors" charge. Valid values: ' ' = default (does not apply) '1' = Footnote should be displayed. The default value for this field is spaces.	
10	Prorate Period Ind	X(1)	57-57	XDL	Indicates whether proration was applied and, if so, identifies the type. Valid values:	

C T R	Wireless Share Group Module 213 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
					‘ ‘ = default (does not apply) ‘1’ = Monthly Charge ‘2’ = Previous Plan ‘3’ = New Plan ‘4’ = Month in Advance The default value for this field is spaces.	
11	VendorName/Contact Number	X(93)	58-150	XDL	This field contains the vendor name and contact information associated with Purchases or Third-Party Changes when available. Default value is spaces.	
12	Informational TaxText	X(25)	151-175	XDL	This field contains the text associated with the informational taxtype and amount to be displayed with Purchase information. Default value is spaces.	
13	Reserved	X(25)	176-200	XDL	The default value for this field is spaces.	

### 4.193 Wireless Usage Grouping Module 214

This module is used to pass along information specific to grouping of Verizon Wireless Usage Charges. This module will be attached to record 63/00 when applicable and can only appear once per record.

C T R	Wireless Usage Grouping Module 214 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
1	Module Number	9(3)	1-3	9DR	See above for description Valid value = 214	
2	Module Version	X(1)	4-4	XDL	See above for description Valid value = 'A'	
3	Module Length	9(3)	5-7	9DR	See above for description Valid value = 097	
4	Voice Grouping Code	X(20)	8-27	XDL	Vision's Identifier (ex, Share Set Code, EVP/EDP Ind, Plan Code or SFO) associated with the Voice usage. The default value for this field is spaces.	
5	Messaging Grouping Code	X(20)	28-47	XDL	Vision's Identifier (ex, Share Set Code, Plan Code or SFO) associated with the Messaging usage. The default value for this field is spaces.	
6	Data Grouping Code	X(20)	48-67	XDL	Vision's Identifier (ex, Share Set Code, EVP/EDP Ind, Plan Code or SFO) associated with the Data usage. The default value for this field is spaces.	
7	Usage Plan Classification	X(30)	68-97	XDL	Identifies whether a Usage charge is associated with a share plan. The default value for this field is spaces.	

#### 4.194 IPCC Usage Detail Information Module 300

This module is used to pass along information specific to grouping of Verizon IPCC Usage Charges. This module will be attached to record 62/00 when applicable and can only appear once per record.

C T R	IPCC Usage Detail Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
1	Module Number	9(3)	1-3	9DR	See above for description Valid value = 300	
2	Module Version	X(1)	4-4	XDL	See above for description Valid value = 'A'	
3	Module Length	9(3)	5-7	9DR	See above for description Valid value = 078	
4	NCID	X(22)	8-29	XDL	.Network Call ID	
5	Hidden 195 number	X(10)	30-39	XDL	195 number not displayed on invoice The default value for this field is spaces.	
6	Call End Time	X(6)	40-45	XDL	The actual time for call termination. Format is HHMMSS	
7	Call Duration	X(6)	46-51	XDL	The actual duration of the call which may differ from billable call duration. Format is HHMMSS	
8	ANACODE	X(8)	52-59	XDL	Populated when billable termtype is switched or IP The default value for this field is spaces.	
9	SUPPCODE	X(16)	60-75	XDL	Populated with Valid Account code for product The default value for this field is spaces.	
10	Dialed Country	X(3)	76-78	XDL	Populated with ISO country code of the country dialed for IPCC calls The default value for this field is spaces.	

#### 4.195 Service Detail Information Module 301

This module is used to pass along information related to Service date for a charge. This module will be attached to record 62/00 or 71/00 when applicable and can only appear once per record.

C T R	IDR Detail Information Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
1	Module Number	9(3)	1-3	9DR	See above for description Valid value = 301	
2	Module Version	X(1)	4-4	XDL	See above for description Valid value = 'A'	
3	Module Length	9(3)	5-7	9DR	See above for description Valid value = 023	
5	Service Date	9(6)	8-13	9DR	Service date for the charge YYMMDD The default value for this field is zero.	
6	Service Term	X(10)	14-23	XDL	The term of the service in Months Default value for this field is spaces.	

**4.196 End of Models 999**

This is a four position module indicating that there are no more modules appended to this record. This module must be placed at the end of a record that contains at least one module.

C T R	End of Modules 999 Field Name	PIC	POS	ATTR	Descriptions/Values	Rev
1	Module Number	9(3)	1-3	9DR	See above for description Valid value = 999	
2	Module Version	X(1)	4-4	XDL	See above for description Valid value = 'A'	