July, 2020 Release Verizon 450 Standard CHANGE LOG (sorted by record type)

MAINSPEC UPDATES

Record	Field/Item Changed	Description
00/00	Verizon 450 Release	Changed from 03 to 03
00/00	Verizon 450 Version Date	Changed from 200515 to 200717

MODULE UPDATES

MAINSPEC UPDATES

Release	Record	Field/Item Changed	Description
2012-10 (Oct.)	00/00	Originating System Identifier	Changed domain value 'PO' description from "Primebiller Next Gen" to "Vz450 Gateway on Behalf of Next Gen/E2Ei".
2013-03 (Mar.)	25/00	@Charge Code	Added the following domain values: '2005' = Other Service provider Charges '2006' = Other Service provider Charges excluding Taxes
2014-04 (Apr.)	62/00	Product Identifier Type	Added a new domain value: 'D' = VOIP Usage Product Identifier
2014-06 (Jun.)	65/00	Jurisdiction Code	Added the following comment: 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.
2014-06 (Jun.)	70/00	Jurisdiction Code	Added the following comment: 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.
2013-03 (Mar.)	71/00	Charge Sub Type Code	Added new valid domain value: 'E' = Early Termination Liability
2013-11 (Nov.)	71/00	Secondary Sort Key	New 2-byte 9DR field in positions 579-580, CTR 49, used to drive the secondary invoice sort display for E2Ei products. The CTRs for all subsequent fields were increased by 1. Note: space for this field has been taken from the Reserved field in positions 579-594. Overall record length is not impacted.
2014-04 (Apr.) 1	71/00	Charge Sub Type Code	Added 3 new domain values: 'N' = Adjust/Discount/Promotion applied on an NRC 'R' = Adjust/Discount/Promotion applied on an MRC 'U' = Adjust/Discount/Promotion applied to Usage
2014-04 (Apr.) 2	71/00	Product Identifier Type	Added a new domain value:

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			'D' = VOIP Usage Product Identifier
2014-04 (Apr.) 3	71/00	Additional Charge Type Code Indicator	Added a new 1-byte XDL field in positions 684-684, CTR 67, which is an Indicator used to identify additional Charge Type Code information. Note: space for this field has been taken from the Reserved field formally in positions 684-708. Overall record length is not impacted.
2014-04 (Apr.) 4	71/00	Reserved	Field length changed from 25 to 24 bytes and position from 684-708 to 685-708 to accommodate the addition of the new Additional Charge Type Code Indicator field. Field CTR changed from 67 to 68. The CTRs on all subsequent fields were also increased by 1.
2014-06 (Jun.)	71/00	Jurisdiction Code	Added a new 1-byte XDL field in position 685-685, CTR 68, which is a Jurisdiction Code used that identifies the proper tariff jurisdictions (where applicable) of a charge or credit. Note: space for this field has been taken from the Reserved field formally in positions 685-708. Overall record length is not impacted.
2014-06 (Jun.)	71/00	Reserved	Field length changed from 24 to 23 bytes and position from 685-708 to 686-708 to accommodate the addition of the new Jurisdiction Code field. Field CTR changed from 68 to 69. The CTRs on all subsequent fields were also increased by 1.
2014-10 (Oct.)	71/00	Level Code	Added a new domain value: '3' = Suppressed Charge Literal for Bundle
2012-10 (Oct.)	95/00	Type Data	Added new domain '117 = Product Specification Code'.
2012-10 (Oct.)	95/00	Field Name	Added new domain 'Product Specification Code'.
2012-10 (Oct.)	CAP	Customer ID Department Code	Added the following text to the field description: For NextGen invoices, this field will store the Location ID cross-reference.
2013-09 (Sept.)	CAP	Special Record Type Code	For domain value 'T', changed the description to read as follows: 'T' = Bundle or Summarized component used for display and balancing (use a 077m SDIC = 049 for associating the 'T' and 'C'
2014-02 (Feb.)	CAP	GSAM Account Sensitivity Indicator	Removed the 1-byte XDL field in position 174-174, CTR 44. This is a back out of the BAN level sensitivity indicator used to determine whether or not the data is to be displayed.
2014-02 (Feb.)	CAP	Reserved	Changed the length of the field from 1 to 2 byte. Changed the start and end position from 175-175 to 174-175 due to the removal of the field listed above. The CTR was changed from 45 to 44.
2014-04 (Apr.)	CAP	Special Record Type Code	Added a new domain value:

Release	Record	Field/Item Changed	Description
			'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.
2014-06 (Jun.)	CAP	Special Record Type Code	Added a new domain value: '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.
2014-10 (Oct.)	CAP	Special Record Type Code	Added a new domain value: 'A' = informational records that should not be included for balancing. Current use to pass tax allocations for charges that cross locations.
2012-10 (Oct.)	Section 3.2 Record List	-	Added new rows for Sub Record 50 Type Data 303 and 304.
2013-09 (Sept.)	Section 3.2.1 – Record Lengths	Sub Record 50 Type Data 304	Changed the minimum and maximum record lengths from 329 & 1400 to 361 & 1720. A new field was added to the array portion of the record.
2012-10 (Oct.)	Section 3.2.1 Record Lengths Table	-	Added new rows for Sub Record 50 Type Data 303 and 304.
2013-03 (Mar.)	Section 5.1 Charge Codes Table	-	Added Associated Charge Codes 2005 & 2006 for Record Number 6200
2014-02 (Feb.)	Section 2.21 Record Lengths Table	Sub Record 50 Type Data 305	Sub Record 50 Type Data 305 increase the minimum and maximum length from 531 to 631.
2013-03 (Mar.)	Sub Record 11	-	Updated sub record description to include Sub Record 11 as valid for use with the 25/00 record.
2013-03 (Mar.)	Sub Record 11	Address Category Indicator	Added the following domain value: 'Y' = Other Service Provider Address
2012-10 (Oct.)	Sub Record 15	Originating System	Changed domain value 'PO' description from "Primebiller Next Gen" to "Vz450 Gateway

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		ID	on Behalf of Next Gen/E2Ei".
2012-10 (Oct.)	Sub Record 20	Text Location Code	Added new domain 'Y = Charge Detail Literal'.
2014-02 (Feb.)	Sub Record 20	Language Code	New 3-byte XDL field in positions 445-447, CTR 16, that defines the language in which a bill is presented to a customer. Note: space for this field has been taken from the Reserved field in positions 445-448. Overall record length is not impacted.
2014-02 (Feb.)	Sub Record 20	Reserved	Field length changed from 4 to 1 byte and field start position changed from 445 to 448. Field CTR changed from 16 to 17. The CTR values on all subsequent fields were increased by 1. These changes were made due to the addition of the new Language Code field listed above.
2012-10 (Oct.)	Sub Record 21	Text Type	Added new domain 'N = ConceptWave Service Instance ID Name'. This value will be populated at the 00 account level.
2012-10 (Oct.)	Sub Record 21	Text Location Code	Added new domain 'Y = Charge Detail Literal'.
2014-06 (Jun.)	Sub Record 21	Text Type	Added a new domain value: '8' = Fully Qualified Domain Name (FQDN)
2012-10 (Oct.)	Sub Record 50	-	Updated sub record description to include Type Data 303 and 304 as valid for use with the 25/50 record.
2012-10 (Oct.)	Sub Record 50	-	Updated sub record description to include Type Data 304 as valid for use with the 71/50 record.
2014-06 (Jun.)	Sub Record 50 – Type Data 302	Jurisdiction Code	Added a new 1-byte XDL field in position 419-419, CTR 20, which is a Jurisdiction Code used that identifies the proper tariff jurisdictions (where applicable) of a charge or credit. Note: space for this field has been taken from the Reserved field formally in positions 419-441. Overall record length is not impacted.
2014-06 (Jun.)	Sub Record 50 – Type Data 302	Reserved	Field length changed from 23 to 22 bytes and position from 419-441 to 420-441 to accommodate the addition of the new Jurisdiction Code field. Field CTR changed from 20 to 21. The CTRs on all subsequent fields were also increased by 1.
2012-10 (Oct.)	Sub Record 50 Type Data 303	-	This sub record will provide Solution ID and Solution Name for product groupings within a quote.
2013-03 (Mar.)	Sub Record 50 Type Data 303	Multi Location Indicator	Added a new field in position 319:

Release	Record	Field/Item Changed	Description
			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' = Multi Location Solution 'N' = Single Location Solution
2013-03 (Mar.)	Sub Record 50 Type Data 303	Filler	1 byte of this field used to accommodate the new field added. Start position changed from 319 to 320. Field length reduced from 50 to 49.
2012-10 (Oct.)	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.
2013-09 (Sept.)	Sub Record 50 Type Data 304	Product Specification Area	Changed the maximum length of the record from 1400 to 1720. A new field, @Product Specification Code, was added to the array portion of the record.
2013-09 (Sept.)	Sub Record 50 Type Data 304	@Product Specification Code	New 32-byte XDL field in positions 320-351, CTR 9, for the value of the Product Specification Code. This is in the array portion of the record.
2013-09 (Sept.)	Sub Record 50 Type Data 304	@Filler	Field start and end positions changed from 320-329 to 352-361. Field CTR changed from 9 to 10.
2014-10 (Oct.)	Sub Record 50 Type Data 305	LATAM Suppress Message Indicator	New 1-byte XDL field in position 517-517, CTR 22, which is the LATAM Suppress Message Indicator. Default value is a space. Valid domain value is: 'Y' = Suppress
2014-10 (Oct.)	Sub Record 50 Type Data 305	Filler	Field length changed from 15 to 14 bytes and position from 517-531 to 518-531 to accommodate the addition of the new LATAM Suppress Message Indicator field. Field CTR changed from 22 to 23.
2014-02 (Feb)	Sub Record 50 Type Data 305	Total Amount Text Format	Increased the size of this field from 100 bytes to 200 bytes. Start and end positions changed from 225-324 to 225-424. The start and end positions of all subsequent fields increased by 100 bytes.
2013-05 (May)	Table of Values	Usage Type Indicator	Added 3 new domain values: 'CC' = Concurrent Calls 'TG' = Trunk Group 'TN' = Telephone Number

MODULE UPDATES

Release	Module	Field/Item Changed	Description
2015-04	300	All	Added new module for IPCC Usage Detail Information

Release	Module	Field/Item Changed	Description
2014-10 (Oct.)	Expanded Supplemental Data Identifier Module 079	Supplemental Data Identifier Code	Added a new domain value: 262 = Multiple Related PVC IDs
2012-10 (Oct.)	Expanded Supplemental Data Identifier Module 079	Supplemental Data Identifier Code	Existing Module 77 value '043 = Marketing Product Identifier' is now valid for Module 79. Added domain '223 = Price Book Line Item ID'.
2013-03 (Mar.)	Expanded Supplemental Data Identifier Module 079	Supplemental Data Identifier Code	Added 2 new domain values: 187 = Product Code 224 = Solution Code
2013-05 (May)	Expanded Supplemental Data Identifier Module 079	Supplemental Data Identifier Code (SDIC)	Added a new domain value: 242 = Bill Schedule Name
2014-08 (Aug.)	Feature Detail Module 103	Feature Type	Add the following domain values: 'DIAL' = IVM Voice 'DIALI' = IVM Voice-IP 'NIVR' = NIVR 'NIVRI' = NIVR-IP 'NLVR' = NLVR 'NLVRI' = NLVR-IP 'PRPD ' = Citi IVR Prepaid Application 'PRPDI' = Citi IVR Prepaid Application-IP 'SIVR' = SIVR 'SIVRI' = SIVR-IP 'VXML ' = VXML 'VXMLI' = VXML-IP
2013-05 (July)	Generic Count Module 107	Count Type Code	Added a new domain value: 010 = Enterprise Free Minutes
2014-02 (Feb.)	International Invoice Account	Currency Code	Added a new domain value:

Release	Module	Field/Item Changed	Description
	Information Module 027		EGP = Egyptian Pound
2014-02 (Feb.)	International Invoice Account Information Module 027	To Currency Code	Added a new domain value: EGP = Egyptian Pound
2013-01 (Jan.)	Module Description Table	-	Applicable Records column updated to include 64/00 and 64/50 valid for Module 067.
2013-11 (Nov.)	Module Descriptions Table	Supplemental Debit/Credit Note Detail Module 062	• Changed the Version from A to B. • Changed the Module Length from 50 to 51.
2014-06 (Jun.)	Module Descriptions Table	Per Call Surcharges Module 124	Changed the Version from 'A' to 'B'. Changed the Module Length from 018 to 027.
2014-10 (Oct.)	Module Descriptions	Related Product Information Module 098	Added an entry in this table for the new Related Product Information Module 098
2014-10 (Oct.)	Module Descriptions Table	Supplemental Debit/Credit Note Detail Module 062	This module is now valid on 62/00 records. Under the column Applicable Records, added 62/00 as an applicable record.
2014-10 (Oct.)	Module to Record Relationship Matrix	Related Product Information Module 098	Added an entry in this table for the new Related Product Information Module 098
2014-06 (Jun.)	Per Call Surcharges Module 124	Module Version	Changed the valid value from 'A' to 'B'
2014-06 (Jun.)	Per Call Surcharges Module 124	Module Length	Changed the valid value from 018 to 027
2014-06 (Jun.)	Per Call Surcharges Module 124	Surcharge Type	Added a new domain value: 'AI' = CNAM Surcharge
2014-06 (Jun.)	Per Call Surcharges Module 124	Surcharge Count	Added a new 9-byte 9DR field in positions 19-27, CTR 7, which is the Surcharge Count.

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			Note: There was no available space in the module for this new field. This is why the length of the module increased and the module version was changed.
2014-10 (Oct.)	Related Product Information Module 098	-	New module that is used to pass related product information and can be attached to 71/00 records.
2013-09 (Sept.)	Supplemental Data Identifier Module 077	Supplemental Data Identifier Code	Change to description for SDIC 049 to read as follows: 049 = Bundle or Summarization ID
2013-11 (Nov.)	Supplemental Data Identifier Module 077	Supplemental Data Identifier Code	Added a new domain value: 249 = Target Summary Bundle ID
2014-02 (Feb.)	Supplemental Data Identifier Module 077	Supplemental Data Identifier Code	Added 3 new domain values: 254 = Transactional Contract vs. an RTB Contract 255 = Secondary Instance ID 257 = PVC ID
2014-06 (Jun.)	Supplemental Data Identifier Module 077	Supplemental Data Identifier Code	Added a new domain value: 258 = Termination Name
2014-10 (Oct.)	Supplemental Data Identifier Module 077	Supplemental Data Identifier Code	Added new domain values: 260 = Inquiry Number 263 = GCH/CLE ID 264 = International Tax Effective Date. Format YYMMDD.
2012-10 (Oct.)	Supplemental Data Identifier Module 077	Supplemental Data Identifier Code	Added the following new domain values: 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

Release	Module	Field/Item Changed	Description
			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
2013-05 (May)	Supplemental Data Identifier Module 077	Supplemental Data Identifier Code (SDIC)	Added 2 new domain values: 242 = Bill Run ID 243 = OPCO Identifier
2014-08 (Aug.)	Supplemental Data Identifier Module 077	Supplemental Data Identifier Code	Added a new domain value: $259 = Amendment\ ID$
2013-11 (Nov.)	Supplemental Debit/Credit Note Detail Module 062	Module Version	Changed the version from A to B.
2013-11 (Nov.)	Supplemental Debit/Credit Note Detail Module 062	Module Length	Changed the Module Length from 50 to 51.
2013-11 (Nov.)	Supplemental Debit/Credit Note Detail Module 062	Subsequently Credited Indicator	A new 1-byte XDL field in position 51-51, CTR 7, used for Debit Adjustments where a previously issued Invoice has been raised and has now been Credited and Rebilled on an Invoice.
2014-10 (Oct.)	Supplemental Debit/Credit Note Detail Module 062	-	In the description section, added the 62/00 record to the list of records this module may be attached to.
2013-11 (Nov.)	Target Summary Bundle Module 163	-	New module 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). This module can only be present on a 71/00 record.