WIC DIRECT X9.93 – PART 1 – DETAILED CHANGE HISTORY

Version 1.5

March 25, 2010

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1 DOCUMENT INFORMATION

1.1 DOCUMENT HISTORY

Version	Date Effective	Details
1.1	03/20/2008	Initial revision.
1.2	05/12/2008	
1.3	03/31/2009	
1.4	10/12/2009	
1.5	02/02/2010	

2 VERSION 1.0 -> 1.1

Page	Section	Description of Change
7	3	Clarified conventions for representing data elements.
7	3.1	Created subsection title “Representation Abbreviations”
8	3.1	Added ‘v’ abbreviation and description
8	3.2	Created subsection title “Condition Codes”
8-9	3.3	Added section “Abbreviated Terms”.
10	4.1.1.1	Revised version number section to match X9.93. Note that the specification now requires version number ‘1’ for all messages adhering to this specification.
15	5.1	Maximum length for bit 18 changed to 150.
15	5.1	Changed data types for 18-5 and 18-6 from ‘anb’ to ‘an’.
15	5.1	Changed data type for bit 22 from ‘n’ to ‘an’.
23	5.1	Changed format string for 62-12 from ‘YYYYMMDD’ to ‘CCYYMMDD’.
29	5.2.2	Added note to prescribe order in which overflow bits 61 and 60 are to be used.
29	5.2.2	Corrected length field in Example 2 (changed from ‘080’ to ‘085’.
33	5.2.7	Corrected length from 28 to 27.
35	5.2.17	Changed total length of a part from 14 to 15.
35	5.2.17 e)	Changed data-type from ‘b 1’ to ‘an 2’.
35	5.2.17 f)	Changed data-type from ‘anb’ to ‘an’.
35	5.2.17	Changed reference ‘dataset identification number’ to ‘dataset identification tag’.
37	6.1.3	Changed MTI’s to use version number ‘1’ instead of ‘0’.
40	6.2.3	Changed MTI’s to use version number ‘1’ instead of ‘0’.
40	6.2.3	Added bit 15 – ‘Date, settlement’.
40	6.2.3	Removed bit 30 – ‘Amounts, original’.
43	6.3.3	Changed MTI’s to use version number ‘1’ instead of ‘0’.
43	6.3.3	Added bit 15 – ‘Date, settlement’.
45	6.4.2	Changed MTI’s to use version number ‘1’ instead of ‘0’.
47	6.4.4	Changed MTI’s to use version number ‘1’ instead of ‘0’.
49	6.5.2 1)	Added rule to indicate that a reversal shall not be reversed.
49	6.5.2 3)	Added a note that reversal due to late response shall be supported. In particular, it is required if the acquirer has stood in for the issuer.
49	6.5.3	Changed MTI’s to use version number ‘1’ instead of ‘0’.

Page	Section	Description of Change
49-50	6.5.3	Removed ‘E’ (echo) requirement from bits 12, 14, 22, 32, 33, 37, and 49.
52	6.6.3	Changed MTI’s to use version number ‘1’ instead of ‘0’.
52	6.6.3	Removed ‘E’ (echo) requirement from bit 22.
52	6.6.3	Noted that bit 25 (message reason code) should use ‘4000’ to indicate a void transaction.
52	6.6.3	Note that bit 38 is ‘ME’ (mandatory echo).
56	A.2	Corrected action code ‘101’ to ‘002’.
61	A.8	Modified bit from ’48 PS’ to ’62-PS’.
61	A.9	Modified bit from ’48 PS’ to ’62-PS’.

3 VERSION 1.1 -> 1.2

Page	Section	Description of Change
23	5.1	Changed dataset identifier for 'Earliest WIC benefit expiration date' from 12 to EF to conform to X9.93:2008.
37	6.1.2	Changed dataset identifier for 'Earliest WIC benefit expiration date' from 12 to EF to conform to X9.93:2008.
38	6.1.3	Noted that 'WIC merchant ID' is M (mandatory) in requests and ME (mandatory echo) in responses.
38	6.1.3	Removed "Currency code, transaction".
38	6.1.3	Noted that PIN is always required in a Balance inquiry instead of conditionally required.
39	6.1.3	Changed dataset identifier for 'Earliest WIC benefit expiration date' from 12 to EF to conform to X9.93:2008.
39	6.1.3	Noted sub-elements in bit 62 ('12', 'EA') are all conditionally required (provided the transaction is successful).
39	6.2.2	Changed dataset identifier for 'Earliest WIC benefit expiration date' from 12 to EF to conform to X9.93:2008.
40	6.2.3	Made bit 5 (Amount, reconciliation) conditional in response (mandatory if transaction is approved)
40	6.2.3	Made bit 15 (Date, settlement) conditional in response (mandatory if transaction is approved)
41	6.2.3	Noted that 'WIC merchant ID' is M (mandatory) in requests and ME (mandatory echo) in responses.
41	6.2.3	Noted that PIN is always required in a Balance inquiry instead of conditionally required.
41	6.2.3	Changed dataset identifier for 'Earliest WIC benefit expiration date' from 12 to EF to conform to X9.93:2008.
41	6.2.3	Noted that sub-element 62-EF is conditionally required (provided the transaction is successful).
41	6.2.3	Noted that sub-elements 62-PS are only returned for items that are not fully approved.
42	6.2.3	Noted that sub-element 62-EA is conditionally required (provided the transaction is successful).
42	6.3.2	Clarified rules on SAF to be consistent with using a 200 message instead of a 220. Removed references to 'Original data elements' and 'Amounts, original'.
43	6.3.3	Modified section to reflect that a SAF uses a 200 message instead of a 220.
44	6.3.3	Changed dataset identifier for 'Earliest WIC benefit expiration date' from 12 to EF to conform to X9.93:2008.

Page	Section	Description of Change
45	6.4.2	Noted that ‘Action code’ is mandatory in 314.
46	6.4.2	Noted that ‘Additional data, private’ is ME (mandatory echo) in 314.
46	6.4.2	Noted that sub-elements in bit 48 (‘IS’, ‘WN’) are M (mandatory) in request and ME (mandatory echo) in response.
46	6.4.2	Noted that 101 ‘Filename’ is ME (mandatory echo) in response.
47	6.4.4	Noted that ‘Action code’ is mandatory in 314.
47	6.4.2	Noted that sub-elements in bit 48 (‘IS’, ‘WN’) are M (mandatory) in request and ME (mandatory echo) in response.
50	6.5.3	Noted that ‘Merchant category code’ is ME (mandatory echo from original message).
50	6.5.3	Noted that ‘Acquiring institution identification code’ is ME (mandatory echo from original message)
50	6.5.3	Noted that ‘Forwarding institution identification code’ is CE (echoed from original message if present in original message).
50	6.5.3	Noted that ‘WIC merchant ID’ is ME (mandatory echo from original message)
50	6.5.3	Noted that ‘Currency code, transaction’ is ME (mandatory echo from original message).
52	6.6.3	Noted that ‘Merchant category code’ is ME (mandatory echo from original message).
52	6.6.3	Noted that ‘Acquiring institution identification code’ is ME (mandatory echo from original message)
52	6.6.3	Noted that ‘Forwarding institution identification code’ is CE (echoed from original message if present in original message).
53	6.6.3	Noted that ‘WIC merchant ID’ is ME (mandatory echo from original message)
53	6.7	Added section to describe error messages (644).
56	6.8.4	Removed ‘Date, expiration’ from specification of 8xx messages.
58	A.3	Changed dataset identifier for ‘Earliest WIC benefit expiration date’ from 12 to EF to conform to X9.93:2008.
61	A.8	Added price type code ‘03’ for CVV items.
61	A.9	Modified bit from ’48 PS’ to ’62-PS’.

4 VERSION 1.2 -> 1.3

Page	Section	Description of Change
7	3.1	Clarified definition of what special characters are allowed (those with ASCII value between 32 and 126).
multi	multi	Switched order of MTI and bitmap in message definitions (it was backward in that the document showed the bitmap before the MTI).
14	5.1	Clarified definition of 'Amount, transaction' to explicitly note that the amount is the transaction amount prior to applying discounts.
20	5.1	Clarified that bit 53 is required for stores that connect directly to KY host.
23	5.1	Incorporated enhanced definition of 'Purchase quantity' per CVB specifications.
24	5.1	Changed 'Original units' to 'Original purchase quantity' and clarified definition per CVB specifications.
28	5.2.2	Corrected length in example from 40 to 42.
30	5.2.3	Changed 'Purchase quantity' from 'C' to 'M' and clarified definition per CVB specifications.
33	5.2.9	Clarified that credit/debit indicator for discounts is 'c'.
38	6.1.3	Removed incorrect comment regarding 'Date, expiration'. This change applies to other sections that referenced this field.
41-42	6.2.3	Noted that we are now returning PS records in the response for all items in the request (instead of just for exception items).
42	6.2.3	Change 'Original units' to 'Original quantity'.
43	6.3.3	Add a 'Function code' value of 204 to indicate that SAF was sent after a time-out reversal was sent for the original message.
43-44	6.3.3	Noted that we are now returning PS records in the response for all items in the request (instead of just for exception items).
45	6.3.3	Change 'Original units' to 'Original quantity'.
62	A.8	Changed 'cash value voucher (CVV)' to 'cash value benefit (CVB)'
64	B.2	Clarified institution code values to be used by stores connecting directly to KY host.

5 VERSION 1.3 -> 1.4

Page	Section	Description of Change
Multi	Multi	Modifications to the specification to generalize. The WIC Direct System is not agency specific.
32	5.2.3	Marked bit 11 UPC/PLU Data length as mandatory for PS Datasets.
52	6.5.3	STAN and date/time local transaction data elements should be marked ME for the 420/421 messages.
54	6.6.3	STAN and date/time local transaction data elements should be marked ME for the 420/421 messages.
34	5.2.8	Clarify that the sign indicator must be uppercase.
35	5.2.9	Clarify that the sign indicator must be uppercase.
34	5.2.6	Add Bit 10 to the EA Dataset table as reserved.
34	5.2.7	Add section to document EF dataset layout.
33	5.2.6	Added notes to EA dataset to indicate that EAs will be returned in Balance Inquiry Response and Purchase Response messages.
24	5.1	Remove “IS Benefit Issuing agency dataset” from bit 62. This dataset is returned in bit 48.
57	6.8.2	Add note that all 8xx responses echo the fields from the 8xx request.
70	Appendix C	Add Appendix C – WIC Authority IDs
52-53	6.5.3	Update Reversal Mandatory and Conditional Data Elements to add missing ME’s to 430 response.

6 VERSION 1.4 -> 1.5

Page	Section	Description of Change
26	5.1	Update Data Elements Directory references to the UPC Data Length field to include information about check digits. Remove EC and ED references.
30-31	5.2.3	WIC Prescription Food Item (dataset identifier PS) to include additional information about check digits.
	Orig 5.2.4	Remove section “EBT file update request data (dataset identifier EC)” as this section refers to deprecated 300 message usage.
	Orig 5.2.5	Remove section “EBT file update response data (dataset identifier ED)” as this section refers to deprecated 300 message usage.
	Orig 6.4	Remove section “Category/subcategory update” as this section refers to deprecated 300 message usage.
35	5.2.15	Update PLU information to include check digit.
35	5.2.15.1	Add example for calculating check digits for PLUs.
38, 40, 43, 46, 50	5.1, 6.2.3, 6.3.3, 6.4.3, 6.6.3	Change Forwarding institution identification code (bit 33) from Conditional to Mandatory.
46, 48	6.6.2	Clarify System Trace Audit Number usage for 4xx messages. The STAN for these messages may either be unique (preferred) or match the original transaction system trace audit number. The STAN and local date/time are changed from ME to M. If the STAN is echoed from the original message, then the local date/time should also be echoed, otherwise, the implementer should use updated values for both.
60	A.9	Remove reference to ED dataset in the Item Action Code description.
62	B.2	Remove the following statements “The numbers assigned are 8 digits plus a check digit. These 9 digits are right-justified and proceeded by zeroes for a total of 11 positions.”