No	Item No.	File Name	Release Date	Device	Country	Comm. Protocol
		Commentary				
1	**BB-MX1181**	FL-MX6AAJ1-1.81-BB.hex	03/31/13	BB	Mexico	CCNET
		Processing of new 50 MXN to be issued in 2013 has been introduced.				
2	**BB-MX1180**	FL-MX6AAJ1-1.80-BB.hex	07/31/12	BB	Mexico	CCNET
		1. Jam recovery during Unload has been introduced: after jam in lower tract of BB chassis during unloading operation BB returns jammed bill back to corresponding cassette and try to unload the same bill again. This feature has been implemented for 0xE1, 0xE2, 0xE3, 0xE4, 0xE5, 0xE6 error codes. 2. Jam recovery during Dispense has been introduced: if time-out of bill arriving to the input sensor of dispenser (error code 0xD4) is detected then BB returns jammed bill back to corresponding cassette and try to dispense the same bill again.				
3	**BB-MX1167**	FL-MX6AAJ1-1.67-BB.hex	11/29/10	BB	Mexico	CCNET
		1. Processing of new 100 and 500 MXN issued in 2010 has been introduced. 2. Processing of EMPTY DISPENSER command has been modified to prevent false credit report in non-applicable states. 3. During packing BB tries to reject a bill rather than reports one of the following errors: A8, B5, C2 or E5. This modification allows to prevent jams inside BB switch.				
4	**BB-MX1163**	FL-MX6AAJ1-1.63-BB.hex	01/29/10	BB	Mexico	CCNET
		1. Processing of new 100, 200 MXN issued in 2009 has been introduced. 2. FEED LEVEL capability has been introduced. 3. Commands SET CASSETTE CAPACITY LIMIT and GET CASSETTE CAPACITY LIMIT have been added to CCNET.				
5	**BB-MX1159**	FL-MX6AAJ1-1.59-BB.hex	01/05/09	BB	Mexico	CCNET
		1. Counterfeit protection has been improved based on the latest samples of 100 MXN counterfeits. 2. Point of reporting "Waiting for bills to be removed" (0x1D 0x01) state during dispensing has been changed from the moment when BB starts moving the last bill to be dispensed from recycling cassette to dispenser to the moment when the last bill to be dispensed enters the dispenser.				
6	**BB-MX1158**	FL-MX6AAJ1-1.58-BB.hex	08/26/08	BB	Mexico	CCNET
		1. Processing of new 200 and 1000 MXN issued in 2008 has been introduced. 2. Synchronization by translucent optic signals has been implemented to fix the problem with accepting of transparent plastic 50 MXN bills. 3. Diagnostic command has been introduced (see MAN_CCNET d7 Rev.2.5.1). 4. Problem with barcodes stacked to the Escrow cassette (must be packed into drop box only) has been fixed. 5. If drop box is removed over dispensing then BB suspends dispensing and reports BOX REMOVED, dispensing will be resumed after drop box replacement.				
7	**BB-MX1154**	FL-MX6AAJ1-1.54-BB.hex	11/01/07	BB	Mexico	CCNET
		1. Processing of new 20 MXN issued in 2007 has been introduced. 2. Country code has been replaced with currency code in all internal tables. 3. BB statistics (failure counters) is not supported yet.				
8	**BB-MX1153**	FL-MX6AAJ1-1.53-BB.hex	02/13/07	BB	Mexico	CCNET
		1. BB turns to IDLING through chassis reinitialization after the following				

Commentary

   sequence: drop box removal, chassis removal, then chassis replacement

   and drop box replacement.

2. The keeping of correct BB statistics has been brought in (failure counters).

3. The improved algorithm of drop box initialization has been implemented

   in order to make sure that BB is always able to determine if drop box is

   completely attached.

4. Sticking of plastic bills during their transportation in BB chassis has been

   eliminated.

5. Processing of new 50 MXN issued in 2006 has been introduced.

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9 **BB-MX1152**   FL-MX6AAJ1-1.52-BB.hex   08/08/06 BB   Mexico   CCNET

1. BB power recovery feature is not supported yet.

2. Nonvolatile counters for counting all dispensed or unloaded bills have been

   added.

3. Commands "POWER RECOVERY", "EMPTY DISPENSER", "EXTENDED CASSETTE STATUS"

   have been included to CCNET.

4. Size of the transparent window on the banknote has been brought in to be

   taken into account during transporting of the bill.

5. Errors related to setting date/time from B2B keypad in Service mode

   have been fixed.

6. The following error has been fixed: if remove a cassette from the chassis

   BB keeps trying to pack bills to that cassette.

7. "GET STATUS" command is enable only in IDLING and DISABLED states

   according to CCNET specification.

8. Error with displaying of "Not Assigned" state for recycling cassettes

   in Service mode has been fixed.

9. Prohibit switching to download mode in the following error states:

   ERROR_LINK_SENS_HV, ERROR_MAGN_SENS_HV and ERROR_OPT_SENS_HV.

10. Prohibit performing software RESET in the following error states:

   ERROR_LINK_SENS_HV, ERROR_MAGN_SENS_HV and ERROR_OPT_SENS_HV.

11. Add "READ BB-DEVICES SERIAL NUMBER" command to CCNET.

12. Fix for unload in case when some bills were manually removed from

   the cassette has been implemented.

13. Remove the control of stand-by battery.

14. Processing of new 1000 MXN bills has been introduced.

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10 **BB-MX1150**   FL-MX5AAJ1-1.50-BB   03/10/06 BB   Mexico   CCNET

Distinctive features are:

1. Chassis soft download via CCNET.

2. Improved short coupon returning.

3. Pass sensor's processing during bill packing has been improved

   to prevent rejection of single bills.

4. 'SET OPTIONS' and 'GET OPTIONS' commands have been added to CCNET.

5. Processing of the following options has been implemented:

   'LED BV INHIBIT' -> 0 - LED is red in BV_INHIBIT state; 1 - LED is turned off

   'KEEP BILL' -> 0 - bill will be dropped after returning;1 - bill will be held

   'LOOK TAPE' -> enhanced processing of pass sensor (0 - OFF, 1 - ON)

   'TURN SWITCH' -> switch turning after bill packing (0 - OFF, 1 - ON)

6. Loss of cassette setting "Not Assigned" after RESET has been eliminated.

7. Control of triangle wheel in metal bezel during bill accepting has been

   improved to prevent the bill sticking.

8. Control of thermo heater in metal dispenser has been added.

9. Enhance the algorithm of BB self-testing: if cassette(s) is(are) removed,

   software has to skip the algorithm of "device recovery after POWER DOWN"

   and turn to the regular self-testing.

10. Set higher priority to the indication of "BOX REMOVED" state.

11. Make "RECYCLING CASSETTE STATUS" request accessible only in IDLING,

Commentary

DISABLED, ESCROW states (according to "CashCode NET" description).

12. Do not erase an IDENTIFICATION NUMBER of BB unit in statistics after

   download to the validating head the software designed for another country.

| 11 | **BB-MX1545** | FL-MX5AAJ1-1.45-BB | 03/09/05 | BB | Mexico | CCNET |

First release for new BB hardware: metal bezel support; barcode recognition; jam
(credit loss) prevention; improved control of alignment mechanism; credit recov
ery is not supported yet

| No | Item No. | File Name | Release Date | Device | Country | Comm. Protocol |

Commentary