Revision History

No	Item No.	File Name Commentary	Release Date Device	Country	Comm. Protocol
1	BB-GBS1181	FL-GB3SC3AAJ1-1.81-BB.hex 07/23/13 BB England&Scotland CCNET 1. BB statistics in new format has been introduced. 2. 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			
		arriving to the sensor	of dispenser (error	een introduced: if time-out of bill r code 0xD4) is detected then BE ng cassette and try to dispense	3
2	BB-GBS1165	Processing of EMP credit report in non- During packing BB	TY DISPENSER of applicable states. tries to reject a bill, B5, C2 or E5. Thi	England&Scotland ngland) has been disabled. command has been modified to part of the second state of the second sec	CCNET prevent false
3	BB-GBS1163	introduced. 2. Point of reporting "Vision dispensing has been the last bill to be distinguished the moment when the same of the moment when the same of the same	Waiting for bills to n changed from the spensed from recycle last bill to be distributed he last bill to be distributed has been introduced the second secon	England&Scotland issued by Clydesdale bank in 20 be removed" (0x1D 0x01) state of the emoment when BB starts moving cassette to dispenser to spensed enters the dispenser. Foduced. CITY LIMIT and GET CASSETTE	during ng
1	<u>BB-GBS1158</u>	introduced as well as (Clydesdale bank) iss 2. Overall acceptance street grade bills.	processing of 5 Gi ued in 2005. has been improve been replaced with	England&Scotland sued in 2007 by Bank of Scotlar BP (Royal bank) issued in 2004 ed according to the latest sample currency code in all internal tab supported yet.	and 20 GBP
5	BB-GBS1153	sequence: drop box and drop box replace 2. The keeping of corrections 3. The improved algor in order to make su completely attache	x removal, chassis ement. rect BB statistics h rithm of drop box in ure that BB is alwadd.	England&Scotland reinitialization after the following removal, then chassis replacem has been brought in (failure counnitialization has been implemently able to determine if drop box is issued in 2007 has been introd	ters). ed is
6	BB-GBS1152	FL-GB3SC3AAJ1-1.52-BB.hex	07/20/06 BB	England&Scotland	CCNET

First release:

1. Metal bezel support.

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Commentary

- 2. Barcode recognition.
- 3. Jam (credit loss) prevention.
- 4. Chassis soft download via CCNET.
- 5. Improved short bill returning.
- Pass sensor's processing during bill packing has been improved to prevent rejection of single bills.
- 7. 'SET OPTIONS' and 'GET OPTIONS' commands have been added to CCNET.
- 8. 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)
- 9. Loss of cassette setting "Not Assigned" after RESET has been eliminated.
- Control of triangle wheel in metal bezel during bill accepting has been improved to prevent the bill sticking.
- 11. Control of thermo heater in metal dispenser has been added.
- 12. 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.
- 13. Set higher priority to the indication of "BOX REMOVED" state.
- 14. Make "RECYCLING CASSETTE STATUS" request accessible only in IDLING, DISABLED, ESCROW states (according to "CashCode NET" description).
- 15. Do not erase an IDENTIFICATION NUMBER of BB unit in statistics after download to the validating head the software designed for another country.
- 16. BB power recovery feature has been introduced.
- 17. Nonvolatile counters for counting all dispensed or unloaded bills have been added
- Commands "POWER RECOVERY", "EMPTY DISPENSER", "EXTENDED CASSETTE STATUS" have been included to CCNET.
- 19. Size of the transparent window on the banknote has been brought in to be taken into account during transporting of the bill.
- Errors related to setting date/time from B2B keypad in Service mode have been fixed.
- 21. The following error has been fixed: if remove a cassette from the chassis BB keeps trying to pack bills to that cassette.
- 22. "GET STATUS" command is enable only in IDLING and DISABLED states according to CCNET specification.
- 23. Error with displaying of "Not Assigned" state for recycling cassettes in Service mode has been fixed.
- 24. Prohibit switching to download mode in the following error states:

 ERROR_LINK_SENS_HV, ERROR_MAGN_SENS_HV and ERROR_OPT_SENS_HV.
- 25. Prohibit performing software RESET in the following error states: ERROR_LINK_SENS_HV, ERROR_MAGN_SENS_HV and ERROR_OPT_SENS_HV.
- 26. Add "READ BB-DEVICES SERIAL NUMBER" command to CCNET.
- 27. Remove the control of stand-by battery.
- 28. Fix for unload in case when some bills were manually removed from the cassette.