

Software Information Sheet



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General Information

Model Name:	UBA-10-SS			SW Req. No.	G08-149-01			
SW. Name:	UBA-10(GBR/GIB)-SS ID-003			Date: (mm,dd,yyyy)	07.09.2008	Rev:	A1	
SW. Version:	V1.76-16			Note:	-			
Country (Code):	Great Britain/Gibraltar(GBR/GIP)			Guide:	None			
Currency:	Pounds			Check Sum:	979F			
Direction:	4Way			CRC (seed= 0000):	D1FC			
Denomination: Years & MRI Ident # 66th Edition	Great Britain(GBR)				Gibraltar(GIP)			
	Denomi.	Printed	Issued	MRI#	Denomi.	Printed	Issued	MRI#
	5	-	-	GBP-BoE5.5	5	'95	'95	GIP5.3
	10	-	-	GBP-BoE10.4	5	'00	'99	GIP5.4
	20	-	'99	GBP-BoE20.3	10	'95	'95	GIP10.1
	20	'06	'07	GBP-BoE20.4	10	'02	'02	GIP10.2
	50	'94	-	GBP-BoE50.2	20	'95	'95	GIP20.1
					20	'04	'04	GIP20.2
Acceptance Rate:	No less than 98%							
ACCLOAD Program:	NEW ACCLOAD V1.19							
UBA USB Tool Suite	UBA USB Tool Suite Version 1.06							
Barcode Ticket:	Accepts JCM specified barcode tickets.							
ICB	ICB feature is enabled or disabled with ICB Enable / Disable setting barcode ticket or with ICB Enable / Disable Command.							
EPROM:	8 M bit, 100 nanosecond data access, or faster. ST Part M27C801-100F1 or equivalent							
Modifications:	New Development Software.							
Validation:								
Operation:								
Interface:								
Memo:	Low Security : GBP-BoE50.2							

Dip Switch Settings

#	Dip Switch	
1	OFF	GBP 5 ACCEPT
	ON	GBP 5 INHIBIT
2	OFF	GBP 10 ACCEPT
	ON	GBP 10 INHIBIT
3	OFF	GBP 20 ACCEPT
	ON	GBP 20 INHIBIT
4	OFF	GIP 5 ACCEPT
	ON	GIP 5 INHIBIT
5	OFF	GIP 10 ACCEPT
	ON	GIP 10 INHIBIT
6	OFF	GIP 20 ACCEPT
	ON	GIP 20 INHIBIT
7	OFF	GBP 50 ACCEPT
	ON	GBP 50 INHIBIT
8	OFF	Setting OFF
	ON	Setting OFF

ID-003 Data Setting specification

VERSION DATA

SW. Version	U(GBR/GIB)-10-SS ID003-03V176-16 09JUL08 D1FC
Boot Version	B01/B02/B03

ESCROW DATA

Code	Denomination
61h	GBP 5
62h	GBP 10
63h	GBP 20
64h	GIP 5
65h	GIP 10
66h	GIP 20
67h	GBP 50
68h	Reserved

CURRENCY ASSIGN DATA

Code	Country	Denomination	Exp.
61h	17h	05h	00h
62h	17h	0Ah	00h
63h	17h	14h	00h
64h	26h	05h	00h
65h	26h	0Ah	00h
66h	26h	14h	00h
67h	17h	32h	00h
68h	00h	00h	00h

ENABLE/DISABLE DATA

DATA bit	Data 1	Data 2
0	GBP 5	Reserved
1	GBP 10	Reserved
2	GBP 20	Reserved
3	GIP 5	Reserved
4	GIP 10	Reserved
5	GIP 20	Reserved
6	GBP 50	Reserved
7	Reserved	Reserved

0: Enable 1: Disable (Default: **8000h**)

SECURITY DATA

DATA bit	Data 1	Data 2
0	GBP 5	Reserved
1	GBP 10	Reserved
2	GBP 20	Reserved
3	GIP 5	Reserved
4	GIP 10	Reserved
5	GIP 20	Reserved
6	GBP 50	Reserved
7	Reserved	Reserved

0: Normal 1: Security Level high (Default: **0000h**)

DIRECTION DATA

DATA bit	Direction	Sample demonination:100
0	'A' Direction	
1	'B' Direction	
2	'C' Direction	
3	'D' Direction	
4	Not used	
5	Not used	
6	Not used	
7	Not used	

0: Not Inhibit 1: Inhibit (Default: **00h**)

OPTIONAL FUNCTION DATA

DATA bit	Data 1	Data 2
0	Not used	Not used
1	Power Recovery [01]	Not used
2	Auto-Retry Operation [02]	Not used
3	24char bar ticket accept [03]	Not used
4	Not used	Not used
5	Nearly Full [05]	Not used
6	Not used	Not used
7	Not used	Not used

0: Disable 1: Enable (Default: **0000h**)

BAR CODE FUNCTION DATA

	Code	Function
Data 1	01h	Barcode type (interleaved 2 of 5)
Data 2	12h	Character length (18 char)

[01] POWER RECOVERY

Limited to the case where power up status is {POWER UP WITH BILL IN STACKER}

with power supply off while ACCEPTOR is in {STACKING} status, {VEND VALID} is outputted in case initializing is completed normally.

Since SETTING STATUS becomes DEFAULT 0000H by power supply off, it is necessary to conduct setting without fail after {RESET} command is transmitted.

[02] WITHOUT RETRY FUNCTION

Set effective (default) / invalidity of an automatic Retry function.

Since SETTING STATUS becomes DEFAULT 0000H by power supply off, it is necessary to

conduct setting without fail after (RESET) command is transmitted.

[03] 24-digit Barcode Ticket Acceptance

Assigned Optional Function "Data 1, bit 3" to enable / disable 24-digit barcode tickets.

- Set "0": only 18-digit barcode tickets will be accepted (default setting)
- Set "1": both 18-digit and 24-digit barcode tickets will be accepted

This setting command is accepted during the initiale status only.

The last barcode ticket number registered in the ICB shows the first 18 digits only even if 24-digit barcode is accepted because the ICB supports only up to 20 digits.

[05] Nearly Full Function

The Nearly Full function will be enabled when "1" is set in the OPTIONAL FUNCTION DATA Bit 5.

The "NEARLY FULL" status will be sent when the quantity of the stored notes exceeds the specified amounts (Normal: 425 / Large: 825) as a response to the Status Request only after the "STACKED" status. The "IDLING" status will be sent to the next Status Request.

Until the quantity of the stored notes is initialized, the "NEARLY FULL" status will be reported when the note is put in the cash box.

The quantity of the stored notes will be initialized when the cash box is removed while the power is on.

UBA Additional Commands/Responses

ICB Box Number Setting Request (Read out ICB BOX No. installed in ACCEPTOR)

Command Format (Controller -> Acceptor)

SYNC	LNG	CMD	CRC
------	-----	-----	-----

SYNC : [FCH]
 LNG : [05H] (Total number of bytes from SYNC to CRC)
 CMD : [8EH]
 CRC : Check Code by CRC (2byte)

For details, refer to ID-003 Communication Specifications.

Response Format (Acceptor -> Controller)

SYNC	LNG	CMD	DATA	CRC
------	-----	-----	------	-----

SYNC : [FCH]
 LNG : [19H] (Total number of bytes from SYNC to CRC)
 CMD : [8EH]
 DATA : ICB BOX No. (ASCII CODE)
 MAX 20Byte.
 Code should be from 20H to 7EH.
 If the number of characters are less than 20, be sure to fill the blank space with the space code (20H) .

CRC : Check Code by CRC (2byte)

For details, refer to ID-003 Communication Specifications.

*Be sure to use this command in a wait state (IDLING or Disable STATUS), since the number is updated after initial operation (read out from ICB).

Nearly Full

Response Format (Acceptor -> Controller)

SYNC	LNG	CMD	CRC
------	-----	-----	-----

SYNC : [FCH]
 LNG : [05H] (Total number of bytes from SYNC to CRC)
 CMD : [1CH]
 CRC : Check Code by CRC (2byte)

For details, refer to ID-003 Communication Specifications.

ICB Enable/Disable Setting Command

Command Format (Controller -> Acceptor)

SYNC	LNG	CMD1	CMD2	DATA	CRC
------	-----	------	------	------	-----

SYNC : [FCH]
 LNG : [07H]
 CMD1 : [B1H]
 CMD2 : [C0H]
 DATA : [00H]:ICB Enable
 :[01H]:ICB Disable
 CRC : Check Code by CRC (2byte)

For details, refer to ID-003 Communication Specifications.

Response Format (Acceptor -> Controller)

SYNC	LNG	CMD1	CMD2	DATA	CRC
------	-----	------	------	------	-----

SYNC : [FCH]
 LNG : [07H]
 CMD1 : [B1H]
 CMD2 : [C0H]
 DATA : [00H]:ICB Enable
 :[01H]:ICB Disable
 CRC : Check Code by CRC(2byte)

For details, refer to ID-003 Communication Specifications.

ICB Setting Request

Command Format (Controller -> Acceptor)

SYNC	LNG	CMD1	CMD2	CRC
------	-----	------	------	-----

SYNC :[FCH]
LNG :[06H]
CMD1 :[B1H]
CMD2 :[80H]
CRC :Check Code by CRC(2byte)
For details, refer to ID-003 Communication Specifications.

Response Format (Acceptor -> Controller)

SYNC	LNG	CMD1	CMD2	DATA	CRC
------	-----	------	------	------	-----

SYNC :[FCH]
LNG :[07H]
CMD1 :[B1H]
CMD2 :[80H]
DATA :[00H]: ICB Enable Status
:[01H]: ICB Disable Status
CRC :Check Code by CRC(2byte)
For details, refer to ID-003 Communication Specifications.