

ISS 45



- *ASCII Transfer Extracts*
 - *Technical Reference*
 -
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 -
- Version 7.7*

ISS45 7.7 ASCII Transfer Extracts Technical Reference

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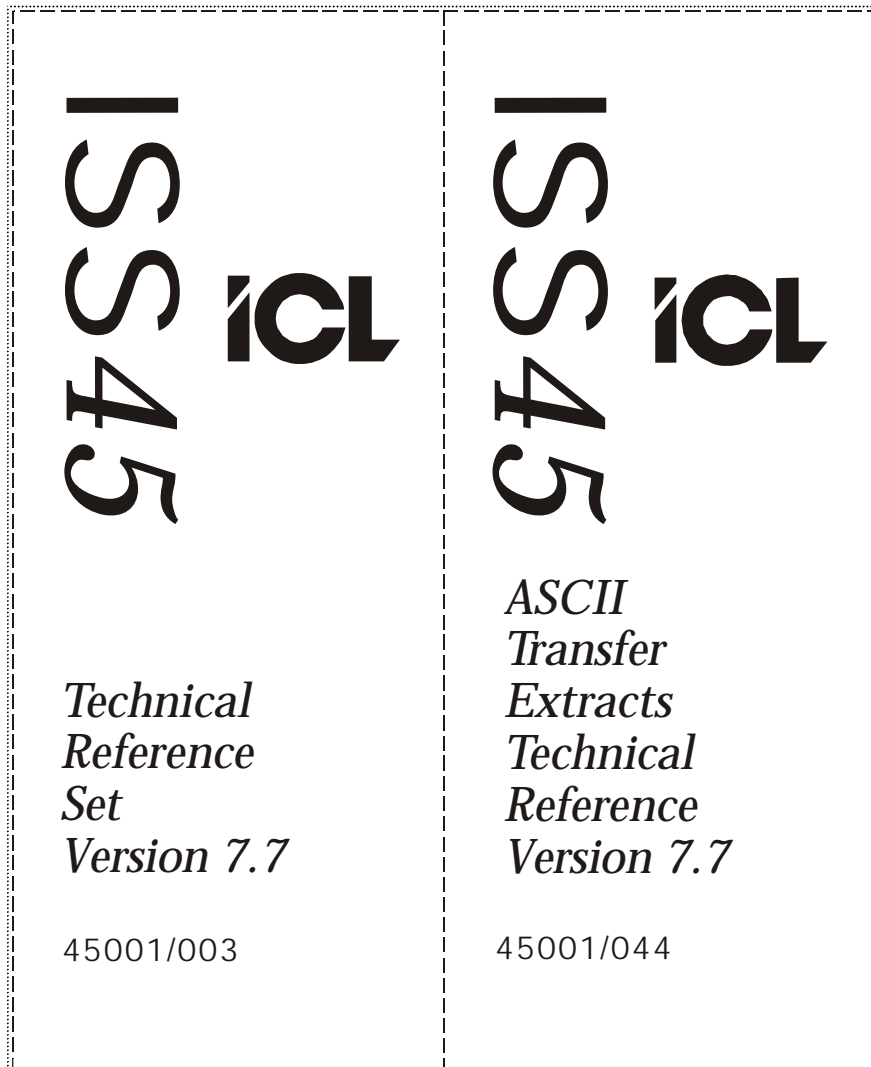
ICL Retail Systems has prepared this manual for use by users, authorized third parties and personnel of ICL Retail Systems as a guide to the proper installation, operation, customization and/or maintenance of ICL Retail Systems equipment and software. The drawings and specifications contained herein are the property of ICL Retail Systems.

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Transaction Types

Opcode		Function	Transaction Type
(Decimal)	Hex	(Hex)	
1	1	N/A	Full line item
2	2	N/A	Department Sale
3	3	N/A	Discount
4	4	N/A	Media
5	5	N/A	Ticket Total
6	6	N/A	Tax
7	7	N/A	Float
8	8	N/A	Coupon
9	9	N/A	Cash Lift
10	A	N/A	Pos Times
22	16	N/A	Payout/Receipt
32	20	N/A	Log Function
33	21	N/A	Ticket Frame
86	56	N/A	Cash Office
96	60	1	Log information - Not found
96	60	2	Log information - EFT Comm
96	60	3	Log information - Birthday
96	60	4	Log information - Tax exempt
96	60	1A	Promotion
96	60	1B	Clubcard
96	60	1C	Points
96	60	1D	Track
96	60	20	Frequent Shopper
96	60	2C	ECCA New
96	60	2E	EFT Media
96	60	50	Enhanced Frequent Shopper
96	60	51	Enhanced Frequent Shopper Card
96	60	5D	Charge Posting
99	63	N/A	Alert

Transaction Layouts

0x01 Full Line Item Record

Bytes	Description	Contents
3	Op-code	01 Hex - Full line item
14	Item Code	14 digits BCD
8	Flag1	LSB Byte 1 - Extension record exists Byte 2 - Subtract Byte 3 - Cancel Byte 4 - Negative Byte 5 - Was canceled Byte 6 - Supplier promotion Byte 7 - Staff discountable Byte 8 - Accept Price override
8	Flag2	Byte 1 - Item on Sale Byte 2 - Price Override Byte 3 - Manual Price Byte 4 - Manual Price allowed Byte 5 - Weight from Scale Byte 6 - Qty is Weight Byte 7 - Qty is Decimal Qty Byte 8 - Qty is Liter
8	Flag3	Byte 1 - Chained previous item Byte 2 - Promotion Byte 3 - Reduction Byte 4 - Offer Byte 5 - Non Merchandise Byte 6 - Store Coupon Byte 7 - Vendor Coupon Byte 8 - Item Discount Flag

8	Flag4	Byte 1 - Scanned Item Byte 2 - Read from PC Byte 3 - Following transaction is related to this transaction Byte 4 - Multisaver Byte 5 - Extended Promotion Byte 6 - Price embedded Byte 7 - Fast Food Drags Modifier Byte 8 - Fast Food Modifier
8	Flag5	Byte 1 - Offer Discount Byte 2 - Offer Continue Byte 3 - Offer First Byte 4 - Counter Department Byte 5 - Return to Stock Byte 6 - Cost Plus Byte 7 - Freq. Shopper Discount Byte 8 - Food Stamp Payment allowed
4	Department number	
3	MSU	
3	Return type	
8	Tax Pointer	Byte 1 - Tax 1 Byte 2 - Tax 2 Byte 3 - Tax 3 Byte 4 - Tax 4 Byte 5 - Tax 5 Byte 6 - Tax 6 Byte 7 - Tax 7 Byte 8 - Tax 8
10	Qty	
10	Price	
10	Amount	
10	No Tax price	
10	No Tax amount	
88	Filler	
5	Ticket Number	
6	Date	6 Digits YYMMDD

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6	Time	6 Digits HHMMSS
8	Options:	
		1 - Return Ticket
		2 - Training mode
		3 - PC Generated
		4 - Off-line
		5 - Void Ticket
		6 - Bad Record
		7 -Coupon Ticket
		8 - Not Used
5	Cashier number	
3	POS number	
5	Transaction sequential number	
2	TV Number	
2	PC Number(0 - 15)	
1	CR	
256	Total	

0x02 Department Sale

Bytes	Description	Contents
3	Op-code	02 Hex - Department sale
4	Department number	
8	Flag1	Byte 1 - Extension record exists Byte 2 - Subtract Byte 3 - Cancel Byte 4 - Negative Byte 5 - Not Used Byte 6 - Not Used Byte 7 - Not Used Byte 8 - Not Used
8	Flag2	Byte 1 - Not found sale Byte 2 - Price Override Byte 3 - Manual Price Byte 4 - Manual Price allowed Byte 5 - Weight from Scale Byte 6 - Qty is Weight Byte 7 - Qty is Decimal Qty Byte 8 - Qty is litres
8	Flag3	Byte 1 - Chained previous item Byte 2 - Cost Plus Department Byte 3 - Promotion Byte 4 - Non Merchandise Byte 5 - Store Coupon Byte 6 - Vendor Coupon Byte 7 - Department Discount Flag Byte 8 - Food Stamp Payment allowed

8	Flag4	Byte 1 - Cost Plus Byte 2 - Extended Promotion Byte 3 - Staff discountable Byte 4 - Counter department Byte 5 - Don't display weight and quantity Byte 6 - Fee Byte 7 - Return Department Byte 8 - Not Used
3	Return type	
8	Tax Pointer	Byte 1 - Tax 1 Byte 2 - Tax 2 Byte 3 - Tax 3 Byte 4 - Tax 4 Byte 5 - Tax 5 Byte 6 - Tax 6 Byte 7 - Tax 7 Byte 8 - Tax 8
14	PLU Number	
10	Qty	
10	Price	
10	Amount	
10	No Tax price	
10	No Tax amount	
10	At Qty	
89	Not used	
5	Ticket Number	
6	Date	6 Digits YYMMDD
6	Time	6 Digits HHMMSS

8 Options:

 1 - Return Ticket
 2 - Training mode
 3 - PC Generated
 4 - Off-line
 5 - Void Ticket
 6 - Bad Record
 7 - Coupon Ticket
 8 - Not Used

5 Cashier number
3 POS number
5 Transaction sequential number
2 TV Number
2 PC Number(0 - 15)
1 CR
256 Total

0x03 Discount

Bytes	Description	Contents
3	Op-code	03 Hex - Discount
14	Item Code	14 digits BCD
4	Department number	
8	Flag1	Byte 1 - Info Transaction Byte 2 - Non Merchandise Byte 3 - Subtract Byte 4 - Cancel Byte 5 - Negative Byte 6 - Upcharge Byte 7 - Additive Byte 8 - Not Used
8	Flag2	Byte 0 - Manual Byte 1 - Percent Byte 2 - Cost Plus Byte 3 - Food Stamp Payment allowed Byte 4 - Immediate Promotion Byte 5 - Total Transaction Discount Byte 6 - PLU Transaction Discount Byte 7 - Department Transaction Discount
8	Flag3	Byte 0 - Promotion Byte 1 - Reduction Byte 2 - Offer Byte 3 - Multisaver Byte 4 - Extended Promotion/ Order Promotion Byte 5 - Not net Promotion Byte 6 - Member/Freq Shop Discount Byte 7 - Discount flag used in promotions
3	Discount type	
10	Percent	
3	Return Type	

8	Tax Pointer	Byte 1 - Tax 1 Byte 2 - Tax 2 Byte 3 - Tax 3 Byte 4 - Tax 4 Byte 5 - Tax 5 Byte 6 - Tax 6 Byte 7 - Tax 7 Byte 8 - Tax 8
10	Qty	
10	Price	
10	Amount	
10	No Tax price	
10	No Tax amount	
94	Not used	
5	Ticket Number	
6	Date	6 Digits YYMMDD
6	Time	6 Digits HHMMSS
8	Options:	1 - Return Ticket 2 - Training mode 3 - PC Generated 4 - Off-line 5 - Void Ticket 6 - Bad Record 7 - Coupon Ticket 8 - Not Used
5	Cashier number	
3	POS number	
5	Transaction sequential number	
2	TV Number	
2	PC Number(0 - 15)	
1	CR	
256	Total	

0x04 Media

Bytes	Description	Contents
3	Op-code	04 Hex - Media
2	Media Number	
8	Flag1	Byte 1 - Change Byte 2 - Rounding Byte 3 - Subtract Byte 4 - Cancel Byte 5 - Was Canceled Byte 6 - Not Used Byte 7 - Not Used Byte 8 - Tender Purchase
8	Flag2	Byte 1 - Multi part receipt Byte 2 - Confirm Signature Byte 3 - Charge Posting Byte 4 - ECCA Byte 5 - ECCA defined Byte 6 - Issue Number used Byte 7 - Accept Issue Date Byte 8 - Accept Expiry Date
8	Flag3	Byte 1 - MCR Used Byte 2 - Authorization checked Byte 3 - Not Authorized Byte 4 - Account Byte 5 - EFT print data Byte 6 - Account Authorization, Alpha Byte 7 - Not Used Byte 8 - Accept Authorization number

8	Flag4	Byte 1 - Next car Info Byte 2 - Buyaid Byte 3 - ECCA now Byte 4 - EFT Authorization Byte 5 - Coupon sale Byte 6 - Next check guarantee Byte 7 - Cashback Byte 8 - Expected is declared
2	Type	
10	Amount	
10	Foreign Amount	
10	Foreign Rate	
4	Issue Date	
20	Account number	
2	State Code	
6	Expiry Date	
10	Authorization Number	
3	Card Range Number	
2	Account length	
96	Not used	
5	Ticket Number	
6	Date	6 Digits YYMMDD
6	Time	6 Digits HHMMSS
8	Options:	1 - Return Ticket 2 - Training mode 3 - PC Generated 4 - Off-line 5 - Void Ticket 6 - Bad Record 7 -Coupon Ticket 8 - Not Used

5	Cashier number
3	POS number
5	Transaction sequential number
2	TV Number
2	PC Number(0 - 15)
1	CR
256	Total

0x05 Ticket Total

Bytes	Description	Contents
3	Op-code	05 Hex - Ticket Total
8	Flag1	Byte 1 - Ticket Total Byte 2 - Void Ticket Byte 3 - Save Ticket Byte 4 - Recall Transaction Byte 5 - Quick Store Byte 6 - Not Used Byte 7 - To update PC with POST G T Byte 8 - Tender Purchase
8	Flag2	Byte 1 - Coupon Ticket Byte 2 - Tender Ticket Byte 3 - IH Payment Byte 4 - IH Purchase Byte 5 - Not Used Byte 6 - Not Used Byte 7 - Not Used Byte 8 - Not Used
5	Ticket Number	
10	Tax Value	
5	Number of items	
10	Amount	
10	Discount	
10	Net Amount	
10	Net Discount	
15	Grand Total	
119	Not used	
5	Ticket Number	
6	Date	6 Digits YYMMDD
6	Time	6 Digits HHMMSS

8 Options:

- 1 - Return Ticket
- 2 - Training mode
- 3 - PC Generated
- 4 - Off-line
- 5 - Void Ticket
- 6 - Bad Record
- 7 - Not Used
- 8 - Not Used

5 Cashier number
3 POS number
5 Transaction sequential number
2 TV Number
2 PC Number(0 - 15)
1 CR
256 Total

0x06 Tax

Bytes	Description	Contents
3	Op-code	06 Hex - Tax
2	Tax number	
10	Taxable Amount	
10	Tax Amount	
8	Flag1	Byte 1 - Exemptable Byte 2 - Tax Included Byte 3 - Not Used Byte 4 - Not Used Byte 5 - Not Used Byte 6 - Not Used Byte 7 - Not Used Byte 8 - Not Used
20	Tax Exempt Number	
160	Not used	
5	Ticket Number	
6	Date	6 Digits YYMMDD
6	Time	6 Digits HHMMSS
8	Options:	1 - Return Ticket 2 - Training mode 3 - PC Generated 4 - Off-line 5 - Void Ticket 6 - Bad Record 7 - Coupon Ticket 8 - Not Used
5	Cashier number	
3	POS number	
5	Transaction sequential number	
2	TV Number	
2	PC Number(0 - 15)	
1	CR	
256	Total	

0x07 Float

Bytes	Description	Contents
3	Op-code	07 - Hex - Float
2	Function	01 - Opening Float 02 - Add on Float 03 - POST add on float
10	Amount	
5	Count	
2	Tender Number	
10	Total	
181	Not used	
5	Ticket Number	
6	Date	6 Digits YYMMDD
6	Time	6 Digits HHMMSS
8	Options:	1 - Return Ticket 2 - Training mode 3 - PC Generated 4 - Off-line 5 - Void Ticket 6 - Bad Record 7 - Coupon Ticket 8 - Not Used
5	Cashier number	
3	POS number	
5	Transaction sequential number	
2	TV Number	
2	PC Number(0 - 15)	
1	CR	
256	Total	

0x08 Coupon

Bytes	Description	Contents
3	Op-code	08 Hex - Coupon
8	Flag1	Byte 1 - Subtract Byte 2 - Cancel Byte 3 - Not Used Byte 4 - Ext. Coupon information Byte 5 - Department net Byte 6 - Bonus coupon followed Byte 7 - Cost Plus Byte 8 - Chained Previous Item
8	Flag2	Byte 1 - Store Coupon Byte 2 - Vendor Coupon Byte 3 - Bonus Coupon Byte 4 - UPC5 Coupon Byte 5 - Food Stamp Payment allowed Byte 6 - Discount allowed Byte 7 - Manual entered amount Byte 8 - Manual entered department
10	Qty	
10	Amount	
2	Tender Number	
2	Tender Type	
5	Coupon Department	
14	Coupon Code	
16	Coupon Name	
2	Tax Pointer	
133	Not used	
5	Ticket Number	
6	Date	6 Digits YYMMDD
6	Time	6 Digits HHMMSS

8 Options:

- 1 - Return Ticket
- 2 - Training mode
- 3 - PC Generated
- 4 - Off-line
- 5 - Void Ticket
- 6 - Bad Record
- 7 - Coupon Ticket
- 8 - Not Used

5 Cashier number

3 POS number

5 Transaction sequential number

2 TV Number

2 PC Number(0 - 15)

1 CR

256 Total

0x09 Cash Lift

Bytes	Description	Contents
3	Op-code	09 Hex - Cash Lift
2	Function	01 - Cash Lift 02 - POST Pick Up
10	Amount	
5	Count	
2	Tender Number	
10	Total	
1	Options:	1 - Previous period 2 - Don't update EMPL record 3 - Not Used 4 - Not Used 5 - Not Used 6 - Not Used 7 - Not Used 8 - Not Used
3	POS number	
3	PC number	
167	Not used	
5	Ticket Number	
6	Date	6 Digits YYMMDD
6	Time	6 Digits HHMMSS
8	Options:	1 - Return Ticket 2 - Training mode 3 - PC Generated 4 - Off-line 5 - Void Ticket 6 - Bad Record 7 - Coupon Ticket 8 - Not Used

5	Cashier number
3	POS number
5	Transaction sequential number
2	TV Number
2	PC Number(0 - 15)
1	CR
256	Total

0x0A POS Times

Bytes	Description	Contents
3	Op-code	0A Hex - Cashier Times
3	POS Mode	
5	Item Registration Time	
5	Idle Time	
5	Secure Time	
5	Tender Time	
5	Wait Time	
5	Inquiry Time	
5	Other Time	
172	Not used	
5	Ticket Number	
6	Date	6 Digits YYMMDD
6	Time	6 Digits HHMMSS
8	Options:	<ul style="list-style-type: none"> 1 - Return Ticket 2 - Training mode 3 - PC Generated 4 - Off-line 5 - Void Ticket 6 - Bad Record 7 - Coupon Ticket 8 - Not Used
5	Cashier number	
3	POS number	
5	Transaction sequential number	
2	TV Number	
2	PC Number(0 - 15)	
1	CR	
256	Total	

0x16 Payout/Receipt

Bytes	Description	Contents
3	Op-code	16 Hex - PAYOUT/RECEIPT
2	Expense code	
10	Expense reference	
10	Expense amount	
2	Tender number	
8	Flags	Byte 1 - POS accountability Byte 2 - Not Used Byte 3 - Not Used Byte 4 - Not Used Byte 5 - Not Used Byte 6 - Not Used Byte 7 - Payout Byte 8 - Receipt
178	Not used	
5	Ticket Number	
6	Date	6 Digits YYMMDD
6	Time	6 Digits HHMMSS
8	Options:	1 - Return Ticket 2 - Training mode 3 - PC Generated 4 - Off-line 5 - Void Ticket 6 - Bad Record 7 - Coupon Ticket 8 - Not Used
5	Cashier number	
3	POS number	
5	Transaction sequential number	
2	TV Number	
2	PC Number(0 - 15)	
1	CR	
256	Total	

0x20 Log Function

Bytes	Description	Contents
3	Op-code	20 Hex - Log Function
2	Function	01 - Power Up 02 - Store Open 03 - Store close (EOD) 04 - Automatic Recover Ticket 05 - Manual Recover Ticket 11 - Sign On 12 - Sign Off 13 - Enter Secure mode 14 - Exit Secure mode 15 - Enter Wait mode 16 - Exit Wait mode 17 - Enter Training mode 18 - Exit Training mode 19 - Password Change 20 - Cashier Locking (ZERO Cashier Totals) 21 - Transfer Current shift to Previous 22 - X Read Report 23 - POS Report 24 - POS total to previous, zero current 25 - Not Used for PC use 26 - Start special printout 27 - End special printout 28 - Store board message 99 - Start of Day
5	Cashier number	
5	Secret number	

8	Flag1	Byte 1 - Offline exe Byte 2 - Remote command Byte 3 - Not Used Byte 4 - Not Used Byte 5 - Not Used Byte 6 - Not Used Byte 7 - Password violation Byte 8 - End of Period
8	POS Status	Byte 1 - Cold Stand by Byte 2 - Stand by Byte 3 - Idle Byte 4 - No Sale Byte 5 - Sale Byte 6 - Tender Byte 7 - Idle Stand by1 Byte 8 - Idle Stand by2
5	Ticket Number	
5	Old Password	
5	New Password	
167	Not used	
5	Ticket Number	
6	Date	6 Digits YYMMDD
6	Time	6 Digits HHMMSS
8	Options:	1 - Return Ticket 2 - Training mode 3 - PC Generated 4 - Off-line 5 - Void Ticket 6 - Bad Record 7 - Coupon Ticket 8 - Not Used

5	Cashier number
3	POS number
5	Transaction sequential number
2	TV Number
2	PC Number(0 - 15)
1	CR
256	Total

0x21 Ticket Frame

Bytes	Description	Contents
3	Op-code	21 Hex - Ticket Frame
8	Flag1	Byte 1 - Start Byte 2 - No Sale Byte 3 - Negative Byte 4 - Not Used Byte 5 - Save Transaction Byte 6 - Recall Transaction Byte 7 - Void Transaction Byte 8 - Tender Purchase
8	Flag2	Byte 1 - Factura Ticket Byte 2 - WIC Ticket Byte 3 - Frequent Shopper Byte 4 - Charge Payment Byte 5 - Reversal Charge Payment Byte 6 - Confirm price Byte 7 - Give Cash only Byte 8 - Multi tender allowed
2	Return Type	
5	Ticket number	
5	Void Ticket number	
5	Recall Ticket number	
5	Factura number	
15	Factura ID	
2	WIC Exp. Day	
2	WIC Exp. Month	
4	WIC Exp. Year	
10	WIC Amount	
139	Not used	
5	Ticket Number	
6	Date	6 Digits YYMMDD
6	Time	6 Digits HHMMSS

8	Options:	
		1 - Return Ticket
		2 - Training mode
		3 - PC Generated
		4 - Off-line
		5 - Void Ticket
		6 - Bad Record
		7 - Coupon Ticket
		8 - Not Used
5	Cashier number	
3	POS number	
5	Transaction sequential number	
2	TV Number	
2	PC Number(0 - 15)	
1	CR	
256	Total	

0x56 Cash Office

Bytes	Description	Contents
3	Op-code	56 Hex - Cash Office
2	Function	00 - Cashier/POS safe locking 01 - Deposit 02 - Receipt 03 - Tender Exchange 04 - Tender Exchange 05 - New Safe
10	Amount	
5	Count	
2	Tender	
8	Flag1	Byte 1 - Lock Cashier Byte 2 - Lock POS Byte 3 - Lock Safe Byte 4 - Reprocess Byte 5 - Update Safe Byte 6 - Previous Period Byte 7 - Header Byte 8 - Info
4	Cashier/POS number	
2	PC Number	
178	Not Used	
5	Ticket Number	
6	Date	6 Digits YYMMDD
6	Time	6 Digits HHMMSS
8	Options:	1 - Return Ticket 2 - Training mode 3 - PC Generated 4 - Off-line 5 - Void Ticket 6 - Bad Record 7 - Coupon Ticket 8 - Not Used

5	Cashier number
3	POS number
5	Transaction sequential number
2	TV Number
2	PC Number(0 - 15)
1	CR
256	Total

Opcode 60, Sub-opcodes: 0x01 to 5D

0x01 LOG Information Item Not Found

Bytes	Description	Contents
3	Op-code	60 Hex - LOG Information
2	Function	01 Hex - Item Not Found
14	PLU Number	
8	Flag1	Byte 1 - Scanned Item Byte 2 - Not Used Byte 3 - Not Used Byte 4 - Not Used Byte 5 - Not Used Byte 6 - Not Used Byte 7 - Not Used Byte 8 - Not Used
186	Not used	
5	Ticket Number	
6	Date	6 Digits YYMMDD
6	Time	6 Digits HHMMSS
8	Options:	1 - Return Ticket 2 - Training mode 3 - PC Generated 4 - Off-line 5 - Void Ticket 6 - Bad Record 7 - Coupon Ticket 8 - Not Used
5	Cashier number	
3	POS number	
5	Transaction sequential number	
2	TV Number	
2	PC Number(0 - 15)	
1	CR	
256	Total	

0x02 LOG Information ATOMIC Fail

Bytes	Description	Contents
3	Op-code	60 Hex -LOG Information
2	Function	02 Hex - ATOMIC Fail
2	Options	00 - End Request 01 - Fail clear input 02 - Timeout on Ticket ACK 03 - NAK on first req 04 - Not ACK on first req 05 - Big timeout 06 - Timeout between message chars 07 - More then 1000 chars 08 - Got bad LRC 09 - General 10 - Got more than buffer can hold
2	ATOMIC Return Code	
10	Amount	
2	Tender Number	
20	Account	
6	Start Time	
166	Not used	
5	Ticket Number	
6	Date	6 Digits YYMMDD
6	Time	6 Digits HHMMSS
8	Options:	1 - Return Ticket 2 - Training mode 3 - PC Generated 4 - Off-line 5 - Void Ticket 6 - Bad Record 7 - Not Used 8 - Not Used

5	Cashier number
3	POS number
5	Transaction sequential number
2	TV Number
2	PC Number(0 - 15)
1	CR
256	Total

0x03 LOG Information Birthday

Bytes	Description	Contents
3	Op-code	60 Hex -LOG
2	Function	03 Hex - Birthday
2	Age	
2	Day	
2	Month	
4	Year	
198	Not used	
5	Ticket Number	
6	Date	6 Digits YYMMDD
6	Time	6 Digits HHMMSS
8	Options:	1 - Return Ticket 2 - Training mode 3 - PC Generated 4 - Off-line 5 - Void Ticket 6 - Bad Record 7 - Coupon Ticket 8 - Not Used
5	Cashier number	
3	POS number	
5	Transaction sequential number	
2	TV Number	
2	PC Number(0 - 15)	
1	CR	
256	Total	

0x04 LOG Information Tax Exempt

Bytes	Description	Contents
3	Op-code	60 Hex-LOG Information
2	Function	04 Hex - Tax Exempt
2	Option	00- Stop 01- Start
19	Exempt Number	
187	Not used	
5	Ticket Number	
6	Date	6 Digits YYMMDD
6	Time	6 Digits HHMMSS
8	Options:	1 - Return Ticket 2 - Training mode 3 - PC Generated 4 - Off-line 5 - Void Ticket 6 - Bad Record 7 - Coupon Ticket 8 - Not Used
5	Cashier number	
3	POS number	
5	Transaction sequential number	
2	TV Number	
2	PC Number(0 - 15)	
1	CR	
256	Total	

0x1A LOG Information Promotion Info

Bytes	Description	Contents
3	Op-code	60 Hex-LOG Information
2	Function	1A Hex - Promotion Information
8	Flag1	Byte 1 - Not Used Byte 2 - Not Used Byte 3 - Not Used Byte 4 - Not Used Byte 5 - Not Used Byte 6 - Not Used Byte 7 - Not Used Byte 8 - Not Used
3	Promotion Type	
3	Extended/Order Promotion Type	
3	Department Extended/Order Promotion Type	
14	PLU Code	
5	Promotion Number	
3	Bucket Number	
5	Extended/Order Promotion Number	
3	Extended/Order Promotion Bucket Number	
5	Department Extended/Order Promotion Number	
3	Department Extended/Order Promotion Bucket	
3	Reward Type	
3	Extended/Order Promotion reward type	
3	Department reward type	
144	Not used	
5	Ticket Number	
6	Date	6 Digits YYMMDD
6	Time	6 Digits HHMMSS

8 Options:

- 1 - Return Ticket
- 2 - Training mode
- 3 - PC Generated
- 4 - Off-line
- 5 - Void Ticket
- 6 - Bad Record
- 7 - Coupon Ticket
- 8 - Not Used

5 Cashier number
3 POS number
5 Transaction sequential number
2 TV Number
2 PC Number(0 - 15)
1 CR
256 Total

0x1B LOG Information Club/Member Card

Bytes	Description	Contents
3	Op-code	60 Hex-LOG Information
2	Function	1B Hex - Club/Member Card
8	Flag 1	Byte 1 - Card was accepted Byte 2 - Card was voided Byte 3 - MCR used Byte 4 - Staff discount card Byte 5 - Qualified spend information Byte 6 - Clubcard re-entry Byte 7 - Freq. Shop accepted Byte 8 - Freq. Shop rejected
3	Scheme Number	
20	Card Number	
5	Tender Number	
3	Panel Flag	
10	Customer Points up-to-date	
10	Customer Redemption Value	
9	Customer Update Date	
3	Customer Message	
10	Qualified spend	
127	Not used	
5	Ticket Number	
6	Date	6 Digits YYMMDD
6	Time	6 Digits HHMMSS
8	Options:	1 - Return Ticket 2 - Training mode 3 - PC Generated 4 - Off-line 5 - Void Ticket 6 - Bad Record 7 - Coupon Ticket 8 - Not Used

5	Cashier number
3	POS number
5	Transaction sequential number
2	TV Number
2	PC Number(0 - 15)
1	CR
256	Total

0x1C LOG Information Customer Points

Bytes	Description	Contents
3	Op-code	60 Hex-LOG Information
2	Function	1C Hex - Customer Points
8	Flag1	Byte 1 - Information only Byte 2 - Clubcard re-entry Byte 3 - Not Used Byte 4 - Not Used Byte 5 - Not Used Byte 6 - Not Used Byte 7 - Not Used Byte 8 - Not Used
3	Scheme Number	
5	Promotion Number	
20	Card Number	
10	Qualified Spend	
10	Pointable Value	
10	Points Given	
10	Bonus Points Given	
132	Not used	
5	Ticket Number	
6	Date	6 Digits YYMMDD
6	Time	6 Digits HHMMSS
8	Options:	1 - Return Ticket 2 - Training mode 3 - PC Generated 4 - Off-line 5 - Void Ticket 6 - Bad Record 7 - Coupon Ticket 8 - Not Used

5	Cashier number
3	POS number
5	Transaction sequential number
2	TV Number
2	PC Number(0 - 15)
1	CR
256	Total

0x1D LOG Information Track Information

Bytes	Description	Contents
3	Op-code	60 Hex-LOG Information
2	Function	1D -Hex Track Information
8	Flag1	Byte 1 - First Byte 2 - Last Byte 3 - Not Used Byte 4 - Not Used Byte 5 - Not Used Byte 6 - Not Used Byte 7 - Not Used Byte 8 - Continuation
3	Track Number	
197	Track Data	
5	Ticket Number	
6	Date	6 Digits YYMMDD
6	Time	6 Digits HHMMSS
8	Options:	1 - Return Ticket 2 - Training mode 3 - PC Generated 4 - Off-line 5 - Void Ticket 6 - Bad Record 7 - Coupon Ticket 8 - Not Used
5	Cashier number	
3	POS number	
5	Transaction sequential number	
2	TV Number	
2	PC Number(0 - 15)	
1	CR	
256	Total	

0x20 LOG Information Frequent Shopper

Bytes	Description	Contents
3	Op-code	60 Hex-LOG Information
2	Function	20 Hex – Frequent Shopper
14	Frequent Shopper ID	
8	Flag1	Byte 1 - Not Used Byte 2 - Not Used Byte 3 - Not Used Byte 4 - Not Used Byte 5 - Not Used Byte 6 - Not Used Byte 7 - Not Used Byte 8 - Not Used
10	Old Price	
11	New Price	
12	Quantity	
13	Save amount	
146	Not Used	
5	Ticket Number	
6	Date	6 Digits YYMMDD
6	Time	6 Digits HHMMSS
8	Options:	1 - Return Ticket 2 - Training mode 3 - PC Generated 4 - Off-line 5 - Void Ticket 6 - Bad Record 7 - Coupon Ticket 8 - Not Used

5	Cashier number
3	POS number
5	Transaction sequential number
2	TV Number
2	PC Number(0 - 15)
1	CR
256	Total

0x2C LOG Info New ECCA

Bytes	Description	Contents
3	Op-code	60 Hex-LOG Information
2	Function	2C Hex - New ECCA Template Acc
187	Not Used	
5	Ticket Number	
6	Date	6 Digits YYMMDD
6	Time	6 Digits HHMMSS
8	Options:	1 - Return Ticket 2 - Training mode 3 - PC Generated 4 - Off-line 5 - Void Ticket 6 - Bad Record 7 - Coupon Ticket 8 - Not Used
5	Cashier number	
3	POS number	
5	Transaction sequential number	
2	TV Number	
2	PC Number(0 - 15)	
1	CR	
256	Total	

0x2E LOG Info EFT Media

Bytes	Description	Contents
3	Op-code	60 Hex - LOG Information
2	Function	2E Hex - EFT media
5	Cashier	
4	Media	
10	Amount	
189	Not used	
5	Ticket Number	
6	Date	6 Digits YYMMDD
6	Time	6 Digits HHMMSS
8	Options:	<ul style="list-style-type: none"> 1 - Return Ticket 2 - Training mode 3 - PC Generated 4 - Off-line 5 - Void Ticket 6 - Bad Record 7 - Coupon Ticket 8 - Not Used
5	Cashier number	
3	POS number	
5	Transaction sequential number	
2	TV Number	
2	PC Number(0 - 15)	
1	CR	
256	Total	

0x50 LOG Enhanced Frequent Shopper

Bytes	Description	Contents
3	Op-code	60 Hex - LOG Information
2	Function	50 Hex - Enhanced Freq. Shop.
14	Code	
8	Flag1	Byte 1 - Not Used Byte 2 - Not Used Byte 3 - Not Used Byte 4 - Not Used Byte 5 - Not Used Byte 6 - Not Used Byte 7 - Not Used Byte 8 - Not Used
10	Old Price	
10	New Price	
10	Quantity	
10	Save Amount	
146	Not used	
5	Ticket Number	
6	Date	6 Digits YYMMDD
6	Time	6 Digits HHMMSS
8	Options:	1 - Return Ticket 2 - Training mode 3 - PC Generated 4 - Off-line 5 - Void Ticket 6 - Bad Record 7 - Coupon Ticket 8 - Not Used

5	Cashier number
3	POS number
5	Transaction sequential number
2	TV Number
2	PC Number(0 - 15)
1	CR
256	Total

0x51 LOG Info Swipe Enhanced Freq. Shopper

Bytes	Description	Contents
3	Op-code	60 Hex-LOG Information
2	Function	51 Hex – Swipe Freq. Shop
28	Frequent Shopper ID	
180	Not Used	
5	Ticket Number	
6	Date	6 Digits YYMMDD
6	Time	6 Digits HHMMSS
8	Options:	1 - Return Ticket 2 - Training mode 3 - PC Generated 4 - Off-line 5 - Void Ticket 6 - Bad Record 7 - Coupon Ticket 8 - Not Used
5	Cashier number	
3	POS number	
5	Transaction sequential number	
2	TV Number	
2	PC Number(0 - 15)	
1	CR	
256	Total	

0x5D LOG Info Charge Posting (Finland)

Bytes	Description	Contents
3	Op-code	60 Hex-LOG Information
2	Function	5D Hex - Charge Posting
16	Name	
12	Account Number	
20	Related Number	
160	Not Used	
5	Ticket Number	
6	Date	6 Digits YYMMDD
6	Time	6 Digits HHMMSS
8	Options:	<ul style="list-style-type: none"> 1 - Return Ticket 2 - Training mode 3 - PC Generated 4 - Off-line 5 - Void Ticket 6 - Bad Record 7 - Coupon Ticket 8 - Not Used
5	Cashier number	
3	POS number	
5	Transaction sequential number	
2	TV Number	
2	PC Number(0 - 15)	
1	CR	
256	Total	

