

ENCOR

■ General Batches Technical Reference

■ Version 1.0.0.0



ENCOR General Batches Technical Reference

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Address comments and corrections regarding this document to:

Attn: Software Program Director
NCR
797 Commonwealth Drive
Warrendale, PA 15086

Contents

Introduction	3
Input ASCII Files	5
Basic Explanation of Batch Process	5
ASCII File Layouts	6
File Names	6
File Layouts	6
Field Types	6
PLU Batch Maintenance – ASCII File Structure.....	8
Header File Definition	8
Item File Definition	11
General Batch Maintenance	19
File Header Record Structure	19
Record Header	19
Loyal Customers.....	22
Member Promotion File	24
Promotion Data – Enhanced Promotion.....	29
Promotion Data – Group Promotion	31
Promotion Data – Order/Level Promotion	32
Member Promotion Linked File	33
Member Promotion Checkout Bank Exclusion	34
Credits Program File	35
Fuel Grades	38
PLU Group.....	39

Subdepartment.....	39
Department	40
Bad Accounts	43
Enhanced Bad Accounts	43
A/R Accounts	44
Object Security.....	44
Price List.....	45
PLU Price List.....	45
Linked Items Header	45
Linked Items Detail	46
Loyalty Member Promotion Link Item.....	46
Loyalty Promotion File	47
Loyalty Promotion Reward Level Data	56
Loyalty Promotion Reward Level Condition Data.....	58
Dynamic Attribute Maintenance	59
Dynamic Attribute Value Maintenance	60
Electronic WIC Items.....	61

Introduction

This reference describes the interfacing protocols (Host-to-POSware) developed in ENCOR for updating a back office system via PLU Batches and General Batches.

The files and functionality that require interfacing are:

General Batches:

- Loyal Customers
- Member Promotions
- Member Promotions Linked
- Member Promotion Checkout Bank Exclusion
- Credit Programs
- Fuel Grades
- PLU Groups
- Subdepartment
- Department
- Bad Accounts
- Bad Accounts Enhanced
- A/R Accounts
- Object Security
- Price List
- PLU Price List
- Linked Items Header
- Linked Items Detail

PLU Batches:

PLU interfacing (e.g., master file create and price changes) is performed using the existing PLU batch maintenance protocol.

Input ASCII Files

HOST or Head Office systems use ASCII files to send various updates to stores.

- Updates and changes are sent in ASCII files. These files must reside in the POSWare\Office\Import directory. The file naming convention is described in File Names, page 4.
- ASCII files have different OpCodes and record layouts for every file and update type.
- Every batch file may update only one type of table. One batch may not update for example, the department AND promotion files.

Basic Explanation of Batch Process

An ASCII file is copied to the POSWare\Office\Import directory. BatchExe.exe is currently configured to run every 30 seconds (we can alter this interval if necessary) to process these files. Data is imported to a SQL table from the ASCII file via a BCP process. We use internal components to maintain the replication between SQL and QDX. There are many business rules that have to be followed, so no entity – not even the ENCOR application – is writing directly to SQL without using these components. When we make changes to the SQL tables, we send maintenance to QDX through PosMaintAcx.exe. We only send data from SQL to QDX, not the other way around. PCMCRC can be used to compare QDX and SQL and to rebuild the QDX files. PCMCRC is parameter-based and can be set to run at EOD. There are several modes that can be used: check, rebuild or both.

If a batch file is rejected, error messages will post to the event viewer and the file will be moved into the Rejected directory under the Import directory.

ASCII File Layouts

File Names

Batch files to be executed are found in the application path C:\POSWare\Office\Import directory. This path may vary according to choices made during installation.

General Batch file names are in the format: BX?????.DAT, where the first ??? are the batch type and the second ??? are the batch number. The application allows up to 6 digits (i.e., 999999) for the batch number on General Batches.

PLU Batch file names are in the format: PLU?????.CSV, where the ??? are the batch number. The batch number for a PLU Batch can be from 1 to 2147483647 (a positive integer), but is typically only 3 to 6 digits long.

File Layouts

The file size must be greater than zero or the batch will be rejected (for PLU or General Batches).

General Batches have a fixed length record structure of 1024 bytes.

Record length is: 1024 + CR

OR

1024 + CR + LF

All records contain a header. Some of the fields are not used. General Batch headers are 64 bytes.

Note: Fields printed in italic format are not implemented!

The first record in a General Batch file is a header record. This record has a file number of 999 and holds such things as the date and time for an automatic execution of the batch file.

Field Types

ASC_N	ASCII numeric
ASC_YN	ASCII flag ("Y" or "N")
ASCII	Alphanumeric ASCII field
ASC_0	ASCII 0

ASC_DT	ASCII date 31/12/1997 is 971231, 31/12/2000 is A01231, 31/12/2025 is C51231
ASC_FULL_DT	ASCII date and time 31/12/1997 12:50 is 199912311250

PLU Batch Maintenance – ASCII File Structure

- File format is ASCII
- Each column is DELIMITED WITH 0XAA delimited – Char(170)
- Each row ends with CR+LF

Header File Definition

ID	Name	Description	Type	Size	Required Field
1	BTCH_NBR	PLU Batch number	numeric	10	Yes: 1 – 2147483647
2	DESCR	PLU Description	char	250	No
3	DT_CREATED	Creation Date	datetime		Yes
4	REC_CNT	Record Count	numeric	8	No – but better to put a number > 0 to avoid empty file messages
5	ACT_DATE	Activation Date – for Batch Oper 5 – Execute by Date	date	10	No – used for Batch Oper 5 – Execute by Date
6	ACT_TIME	Activation Time – same as above	time	11	No – same as above
7	ACT_STORE_ID	Activation Store ID	numeric	8	No
8	IMPORT_FILE	Import File	char	250	No
9	EXPORT_FILE	Export File	char	250	No
10	BTCH_TYPE	Batch Type	char	10	No – If missing it will default to HOST batch. Value is 'Local' or 'Host'.
11	BTCH_VER	Batch Ver	char	10	No
12	BTCH_STATUS	Batch Status	char	10	No
13	LAST_EXEC	Last Execute	datetime		No

ID	Name	Description	Type	Size	Required Field
14	ITM_PASS_CNT	Item Pass Count	numeric	8	No
15	END_SALE_DATE	End Sale Date	date	10	No
16	END_SALE_TIME	End Sale Time	time	11	No
17	BATCH_OPER*	Batch Operation	numeric	3	No – but won't run until executed manually through application.
18	BATCH_SCOPE	Batch Scope (0 last 1 All)	numeric	3	No
19	NEXT_BTCH_NBR	Next batch number to run Char 1-6 batch number Char 7-9 batch type *	numeric	9	No

* **Batch operations:**

- 0 = None
- Will load to the batch tables, but will not be processed until someone executes it by clicking the Execute button in the application.
- 1 = Pending
- Will load to the batch tables, but will not be processed until someone executes it by clicking the Execute button in the application.
- 2 = Execute
- Will be changed to Execute Asynchronously and run automatically when BatchExe picks it up
- 3 = Purge
- Will run automatically when BatchExe picks it up and delete the relevant items.
- 4 = Immediate execute
- Will run automatically when BatchExe picks it up.
- 5 = Execute by date
- Will run at the Activation Date/Time set in the header.

- 6 = Execute Asynchronously
- Will run automatically when BatchExe picks it up.
- 20 = Batch with no items
- 98 = Full Item Load
- Must be executed manually through the application. Deletes everything from the PLU table and refills all of the items. Use record OpCode 1 (New) or 6 (New/Update) for Full Item Load.
- 99 = Master File
- Executes automatically. Deletes everything from the PLU table and refills all of the items. Use record OpCode 1 (New) or 6 (New/Update) for Master File load.
-

It is recommended that the following Header fields be filled in:

- **Batch Number**
- **Date Created**
- **Record Count***
- **Batch Type** (Host, Local, etc.)**
- **Batch Operation*** (Full Item Load, Execute, Execute By Date, etc.)**

*It will process if Record Count is empty or zero, but you'll receive an event log error saying the file is empty.

**Batch type will default to Host if this field is empty.

***If the Batch Operation is not set, it will be taken as zero, which is the operation code for None. This means it will just sit in the PLU Batch table and will not execute – no changes will be made to the PLU table – until someone executes it through the application.

-
-

Item File Definition

Col. #	Name	Description	Type	Used	Size	Terms
1	PLU_BTCH_NBR	PLU Batch number	Numeric		3	NOT NULL
2	OP_CODE	Record Op. Codes *	Numeric		1	NOT NULL
3	ITM_ID	PLU Item Number	Numeric		14	NOT NULL, 1- 99999999999999
4	STR_HIER_ID	Department Number	Numeric		4	NULL
5	DFLT_RTN_LOC_ID	Default return location ID	Numeric		4	NULL
6	MSG_CD	Linked Message number	Numeric		2	NULL
7	DSPL_DESCR	Item Description	Char		40	NULL
8	SLS_RESTRICT_GRP	Restriction layout number	Numeric		2	NULL, 0 - 255
9	RCPT_DESCR	POS Item Description	Char		20	NULL
10	TAXABILITY_CD	Taxability Code	Numeric		4	NULL
11	MDSE_XREF_ID	Merchandise cross reference ID	Numeric		4	NULL
12	NON_MDSE_ID	Non-Merchandise Flag	Numeric		1	NULL,1,0
13	UOM	Unit of measure	Char		4	NULL
14	UNT_QTY	Unit Quantity	Numeric		2	NULL, 0 - 99
15	LIN_ITM_CD	Line Item code	Numeric		4	NULL
16	MD_FG	Merchandise flag	Numeric		4	NULL, 0 - 9999
17	QTY_RQRD_FG	Quantity Required flag	Numeric		1	NULL,1,0

Col. #	Name	Description	Type	Used	Size	Terms
18	SUBPRD_CNT	Sub product count	Numeric		4	NULL, 0 - 999
19	QTY_ALLOWED_FG	Quantity allowed flag	Numeric		1	NULL,1,0
20	SLS_AUTH_FG	Prohibit Sales flag	Numeric		1	NULL,1,0
21	FOOD_STAMP_FG	Payment by food stamps flag	Numeric		1	NULL,1,0
22	WIC_FG	WIC flag	Numeric		1	NULL,1,0
23	PERPET_INV_FG	Perpetual invoice flag	Numeric		1	NULL,1,0
24	RTL_PRC	Item Price	Money		13	NULL
25	UNT_CST	Unit cost	Money		13	NULL
26	MAN_PRC_LVL	Manual price level	Numeric		3	NULL, 0 - 255
27	MIN_MDSE_AMT	Min Merchandise amount	Money		13	NULL
28	RTL_PRC_DATE	Retail price date	Datetime			NULL
29	SERIALIZED_MDSE_FG	Serialized merchandise flag	Numeric		1	NULL,1,0
30	CNTR_PRC	Center price	Money		13	NULL
31	MAX_MDSE_AMT	Maximum merchandise amount	Money		13	NULL
32	CNTR_PRC_DATE	Center price date	Datetime			NULL
33	NG_ENTRY_FG	Negative Entry flag	Numeric		1	NULL,1,0
34	STR_CPN_FG	Store coupon flag	Numeric		1	NULL,1,0
35	VEN_CPN_FG	Vendor coupon flag	Numeric		1	NULL,1,0
36	MAN_PRC_FG	Manual price flag	Numeric		1	NULL,1,0
37	WGT_ITM_FG	Weighted item flag	Numeric		1	NULL,1,0
38	NON_DISC_FG	None discount flag	Numeric		1	NULL,1,0

Col. #	Name	Description	Type	Used	Size	Terms
39	COST_PLUS_FG	Cost plus flag	Numeric		1	NULL,1,0
40	PRC_VRFY_FG	Price verify flag	Numeric		1	NULL,1,0
41	PRC_OVRD_FG	Price override flag	Numeric		1	NULL,1,0
42	SPLR_PROM_FG	Supplier promotion flag	Numeric		1	NULL,1,0
43	SAVE_DISC_FG	Save discount flag	Numeric		1	NULL,1,0
44	ITM_ONSALE_FG	Item on sale flag	Numeric		1	NULL,1,0
45	INHBT_QTY_FG	Prohibit Quantity flag	Numeric		1	NULL,1,0
46	DCML_QTY_FG	Decimal Quantity flag	Numeric		1	NULL,1,0
47	SHELF_LBL_RQRD_FG	Shelf label required flag	Numeric		1	NULL,1,0
48	TAX_RATE1_FG	Tax Rate 1 flag	Numeric		1	NULL,1,0
49	TAX_RATE2_FG	Tax Rate 2 flag	Numeric		1	NULL,1,0
50	TAX_RATE3_FG	Tax Rate 3 flag	Numeric		1	NULL,1,0
51	TAX_RATE4_FG	Tax Rate 4 flag	Numeric		1	NULL,1,0
52	TAX_RATE5_FG	Tax Rate 5 flag	Numeric		1	NULL,1,0
53	TAX_RATE6_FG	Tax Rate 6 flag	Numeric		1	NULL,1,0
54	TAX_RATE7_FG	Tax Rate 7 flag	Numeric		1	NULL,1,0
55	TAX_RATE8_FG	Tax Rate 8 flag	Numeric		1	NULL,1,0
56	COST_CASE_PRC	Cost per case	Numeric		7	NULL
57	DATE_COST_CASE_PRC	cost per case price date	Datetime			NULL
58	UNIT_CASE	Unit Per Case	Numeric		3	NULL
59	MIX_MATCH_CD	Mix and Match Code	Numeric		5	NULL

Col. #	Name	Description	Type	Used	Size	Terms
60	RTN_CD	Return type code	Numeric		2	NULL
61	FAMILY_CD	Family code	Numeric		3	NULL
62	SUBDEP_ID	Sub department code	Numeric		12	NULL
63	DISC_CD	Discount number	Numeric		2	NULL
64	LBL_QTY	Label quantity	Numeric		3	NULL, 0 - 255
65	SCALE_FG	Scale flag	Numeric		1	NULL
66	LOCAL_DEL_FG	Local delivery flag	Numeric		1	NULL
67	HOST_DEL_FG	Host delivery flag	Numeric		1	NULL
68	HEAD_OFFICE_DEP	Head office department	Numeric		10	NULL
69	WGT_SCALE_FG	Weight on scale flag	Numeric		1	NULL
70	FREQ_SHOP_TYPE	Frequent Shopper discount type	Numeric		1	NULL
71	FREQ_SHOP_VAL	Frequent shopper discount amount	Money		13	NULL
72	SEC_FAMILY	Second family	Numeric		4	NULL
73	POS_MSG	Linked message Number	Numeric		2	NULL
74	SHELF_LIFE_DAY	Shelf life time	Numeric		3	NULL, 0 - 999
75	PROM_NBR	Promotion number	Numeric		4	NULL, 0 - 9999
76	BCKT_NBR	Bucket number	Numeric		4	NULL, 0 - 9999
77	EXTND_PROM_NBR	Extended promotion number	Numeric		4	NULL, 0 - 9999

Col. #	Name	Description	Type	Used	Size	Terms
78	EXTND_BCKT_NBR	Extended Bucket number	Numeric		4	NULL, 0 - 9999
79	RCPT_DESCR1	Receipt description 1	Char		20	NULL
80	RCPT_DESCR2	Receipt description 2	Char		20	NULL
81	RCPT_DESCR3	Receipt description 3	Char		20	NULL
82	RCPT_DESCR4	Receipt description 4	Char		20	NULL
83	CPN_NBR	Coupon number	Float		13	NULL
84	TAR_WGT_NBR	Tare weight Number	Numeric		2	NULL
85	RSTRCT_LAYOUT	Restriction layout	Numeric		2	NULL
86	INTRNL_ID	Internal ID	Numeric		13	NULL
87	OLD_PRC	Old price	Money		13	NULL
88	QDX_FREQ_SHOP_VAL	QDX Frequent shopper value	Numeric	N	13	NULL
89	VND_ID	Vendor ID	Char		8	NULL
90	VND_ITM_ID	Vendor item ID	Numeric		25	NULL
91	VND_ITM_SZ	Vendor item size	Char		10	NULL
92	CMPRTV_UOM	Comparative UOM	Numeric		3	NULL
93	CMPR_QTY	Comparative Quantity	Numeric		12	NULL
94	CMPR_UNT	Comparative unit	Numeric		12	NULL
95	BNS_CPN_FG	Bonus Coupon	Numeric		1	NULL
96	EXCLUD_MIN_PURCH_FG	Exclude min perch	Numeric		1	NULL,1,0
97	FUEL_FG	Fuel Flag	Numeric		1	NULL,1,0
98	SPR_AUTH_RQRD_FG	Super authorization required	Numeric		1	NULL,1,0

Col. #	Name	Description	Type	Used	Size	Terms
99	SSP_PRDCT_FG		Numeric		1	NULL,1,0
100	NU06_FG	* Not used *	Numeric	N	3	NULL
101	NU07_FG	* Not used *	Numeric	N	3	NULL
102	NU08_FG	* Not used *	Numeric	N	3	NULL
103	NU09_FG	* Not used *	Numeric	N	3	NULL
104	NU10_FG	* Not used *	Numeric	N	3	NULL
105	FREQ_SHOP_LMT	Frequent shopper limit	Numeric		3	NULL, 0 - 255
106	ITM_STATUS	Item status	Numeric	N	3	NULL
107	DEA_GRP	DEA Group	Numeric		2	NULL
108	BNS_BY_OPCODE	Bonus Buy OP CODE	Numeric		2	NULL
109	BNS_BY_DESCR	Bonus Buy Description	Char		20	NULL
110	COMP_TYPE	Comparison Type	Numeric		2	NULL
111	COMP_PRC	Comparison Price	Numeric		8	NULL
112	COMP_QTY	Comparison Quantity	Numeric		4	NULL
113	ASSUME_QTY_FG	Assume Quantity flag	Numeric		1	NULL
114	EXCISE_TAX_NBR	Excise tax number	Numeric		3	Null
115	COMP_DATE	Comparison Price Date	Datetime		26	
116	PRC_RSN_ID	Price change reason Id	Numeric		3	
117	ITM_POINT	Item Points	Numeric		8	NULL
118	PRC_GRP_ID	Price Group ID for member promotions	Numeric		2	NULL

Col. #	Name	Description	Type	Used	Size	Terms
119	SWW_CODE_FG		Numeric		1	NULL,1,0
120	SHELF_STOCK_FG	Store keeps the item not on shelves but in a storage room.	Numeric		1	NULL
121	PRNT_PLU_ID_RCPT_FG	Print Item ID on the receipt	Numeric		1	NULL,1,0
122	BULK_GRP	Bulk tax group ID	Numeric		4	1-1000
123	EXCHANGE_TENDER_ID	Exchange Tender ID	Numeric		2	NULL,1-99
124	CAR_WASH_FG	Car Wash Item flag	Numeric		1	NULL,1,0
125	PACKAGE_UOM	UOM ID for package	Numeric		3	NULL
126	UNIT_FACTOR	Unit Factor	Numeric		12	1 or greater
127	PACKAGE_SIZE	Package Size	Numeric		25	1 or greater
128	FS_QTY	Frequent Shopper Quantity	Numeric		2	NULL, 0 - 99
129	NON_RX_HEALTH_FG	Non-RX Item flag	Numeric		1	NULL,1,0
130	RX_FG	RX Item flag	Numeric		1	NULL,1,0
131	EXEMPT_FROM_PROM_FG	Exclude from Promotion flag	Numeric		1	NULL,1,0
132	WIC_CVV_FG	WIC CVV flag	Numeric		1	NULL,1,0
133	LNK_NBR	Link Number	Numeric		4	NULL,1-9999
134	SNAP_HIP_FG	SNAP HIP flag	Numeric		1	NULL, 1,0

- Record OpCodes
 - 0 – Ignore this record
 - 1 – Add New item

- 2 – Update
- 3 – Price
- 4 – Delete
- 5 – Sale
- 6 – New/Update

The following Item File Definition fields must be filled in to insert a PLU Item:

- **Batch Number (Col. #1)**
- **Record OpCode (Col. #2)**
- **Item ID (Col. #3)**
- **Department ID (Col. #4)**
- **The remaining fields will be inserted with their default values**

The following Item File Definition fields must be filled in to update a PLU Item:

- **Batch Number (Col. #1)**
- **Record OpCode (Col. #2)**
- **Item ID (Col. #3)**
- **The remaining fields will be ignored if left null and will not override the values in the PLU table for a particular item**

General Batch Maintenance

File Header Record Structure

Field	Options	Type	Size
File number	999 File Header	ASC_N	3
Automatic Execution Date	YYMMDD (all zeros if not automatic)	ASC_DT	6
Automatic Execution Time	HHMM (all zeros if not automatic)	ASC_N	4
Batch Number		ASC_0	6
Description	Batch description	ASCII	20
Flags	Bit 0 Execute batch at EOD if exist	ASC_N	8
Next Batch to Run	First 6 will be batch number. Last three will be batch type when 100 will be PLU batch.	ASC_N	9
Filler		ASC_0	968
Total Bytes			1024

Record Header

Field	Options	Type	Size	Validations
File number	1 Loyal Customers 2 Member Promotion 4 Credits Program 11 Fuel Grades 27 PLU Groups 37 Sub-department 40 Department 52 Bad Accounts 90 A/R Accounts 101 Member Promotion Linked 150 Enhanced Bad Accounts 152 Price List 153 PLU Price List	ASC_N	3	Supported file number

Field	Options	Type	Size	Validations
	155 Member Promotion Checkout Bank Exclusion 156 Linked Items Header 157 Linked Items Detail 201 Electronic WIC Items 999 File header			
Action	0 Read 1 Start 2 Read next 3 Read previous 4 Read last 5 Insert 6 Update 7 Write part 8 Delete 20 Relative read 21 Sequential read 22 Relative write 23 Sequential write 29 Maintenance insert (pmaintput) 50 Empty file (for 51 & 52 only) 255 Ignore	ASC_N	3	Supported action
Write Part Offset	Rread - Record number Sread - Position	ASC_N	6	
Write Part Length	Rread/Sread - Record size	ASC_N	6	

Field	Options	Type	Size	Validations
Bit Fields	1 0= Query operation 1= Update operation 2 Build POS maintenance record 3 Generate AUDIT record 4 This update is Date & Time pending 5 Special treatment (Transfer as ASCII) 6 UNIX Client (this record received from UNIX) 7 Batch =1, Interactive=0 8-15 Not used 16 Do not manipulate action	ASC_N	16	
Pending Date	YYMMDD	ASC_DT	6	
Pending Time	HHMM	ASC_0	4	
Version	Initially zero	ASC_0	2	
Filler		ASC_0	9	
Batch Number		ASC_0	6	
Status		ASC_0	3	
Total Bytes			64	

Loyal Customers

Field	Options	Type	Size	Validations
Header			64	
Member number		ASCII	20	
Points		ASC_N	6	
Redemption value		ASC_N	9	
Pending redemption		ASC_N	9	
Update date		ASC_DT	6	
Type		ASC_N	2	
Member name		ASCII	20	
Segment 1		ASC_N	1	0 or 1
Segment 2		ASC_N	1	0 or 1
Segment 3		ASC_N	1	0 or 1
Segment 4		ASC_N	1	0 or 1
Segment 5		ASC_N	1	0 or 1
Segment 6		ASC_N	1	0 or 1
Segment 7		ASC_N	1	0 or 1
Segment 8		ASC_N	1	0 or 1
Segment 9		ASC_N	1	0 or 1
Segment 10		ASC_N	1	0 or 1
Segment 11		ASC_N	1	0 or 1
Segment 12		ASC_N	1	0 or 1
Segment 13		ASC_N	1	0 or 1
Segment 14		ASC_N	1	0 or 1
Segment 15		ASC_N	1	0 or 1
Segment 16		ASC_N	1	0 or 1
Message no.		ASC_N	4	
Scheme no.		ASC_N	5	
Savings		ASC_N	9	
Status		ASC_N	1	
Main sort		ASC_N	3	

Second sort		ASC_N	3	
Send email		ASC_N	1	0 or 1
Email address		ASCII	50	
Secondary ID		ASCII	10	
Filler		ASC_0	786	
Total			1024	

Member Promotion File

- If the value in the “Department” field is zero, then the value will be taken from the “Department 4 Digit”.
- If there are values in the “Department” field AND in the “Department 4 Digit” field, the value will be taken from the “Department 4 Digit” field

Example 1:

Reward Values depend on Reward Types.

Reward-Type Field Option	Reward Value Ranges
0 Not defined	
1 Cash value	0 - 0009999.99
2 Percentage off	0 - 00100.000
3 Member card points	0 - 000099999
4 Per item discount	
5 BOGO - Low price	
6 BOGO - High price	
7 STUB	
8 New price	0 - 0009999.99
9 Amount off per pound	0 - 0009999.99
10 Amount off per item	0 - 0009999.99
11 New price per pound	0 - 0009999.99
12 Target message	0 - 000999999
13 Percent of order	0 - 00100.000
14 Amount of order	0 - 0009999.99
15 Free item	0 - 0009999.99
16 Credits per item	0 – 000099999
17 New Price Per Qty	0 - 0009999.99

Example 2:

Member Promotion Threshold Quantity depends on Group Types.

Group-Type Field Option	Threshold/Level Qty (Value ranges)
1 Units	0-999999
2 Weighed/Decimal	0-999.999
3 Amount By Value	0-9999.99
4 Credits	0-999999
5 Order Value	0-9999.99

Field	Options	Type	Size	Validations
Header			64	
Promotion Number		ASC_N	9	
Promotion Type	2 Enhanced Promotion 3 Group Promotion 8 Order/Level Promotion	ASC_N	1	Supported type
End Day	YYMMDD (AYMMDD, where A = 200. Ex: A21213 = Dec. 13, 2002. B will be 201, C 202...for every decade)	ASC_DT	6	>= start date
Description		ASCII	20	
Reward Type	0 Not defined 1 Cash value 2 Percentage off 3 Member card points 4 Per item discount 5 BOGO - Low price 6 BOGO - High price 7 STUB 8 New price 9 Amount off per pound 10 Amount off per item 11 New price per pound 12 Target message 13 Percent of order 14 Amount of order 15 Free item 16 Credits per item 17 New price per quantity	ASC_N	2	Supported reward type Valid for this promotion type BOGO only on ICL STUB only on Posware
Department		ASC_N	3	Exist and valid
Member Card Scheme Number		ASC_N	3	0-101

Field	Options	Type	Size	Validations
Reward Value	Reward value depends on the reward type. (See example 1 on page 24).	ASC_N	9	
Start Date	YYMMDD (AYMMDD, where A = 200. Ex: A21213 = Dec. 13, 2002. B will be 201, C 202...for every decade)	ASC_DT	6	
Member Card required		ASC_YN	1	0 or 1
Available for all card schemes		ASC_N	1	0 or 1
Not Used		ASC_N	6	
Card scheme	One scheme size is 3 Available card schemes	ASC_N	30	
Limited quantity		ASC_N	8	
Filler		ASC_0	76	
Promotion Data	According to Promotion Type (See structure on pg 312) Enhanced Promotion Group Promotion Level Promotion		139	
Filler	Reserved	ASC_0	16	
Start time		ASC_N	4	Valid time
End time		ASC_N	4	Valid time
Activation day	Bit 0 Sunday Bit 1 Monday Bit 2 Tuesday Bit 3 Wednesday Bit 4 Thursday Bit 5 Friday Bit 6 Saturday	ASC_N	7	0 or 1
Activation time X 7	For each day	ASC_N	56	

Field	Options	Type	Size	Validations
	Start time size is 4 End time size is 4			
Trigger Flags 2	Bit 0 Trigger for group 1 Bit 1 Trigger for group 2 Bit 2 Trigger for group 3 Bit 3 Trigger for group 4 Bit 4 Trigger for group 5 Bit 5 Trigger for group 6 Bit 6 Trigger for group 7 Bit 7 Trigger for group 8 Bit 8 Trigger for group 9 Bit 9 Trigger for group 10	ASC_N	10	0 or 1
Low or High reward Price		ASC_N	1	0 or 1
Min Item Value	4.2	ASC_N	6	
Min Item Weight	3.3	ASC_N	6	
Min Purchase	4.2	ASC_N	6	
Delayed Promotion		ASC_N	1	0 or 1
Value entered by cashiers		ASC_N	1	0 or 1
Require Coupon Code		ASC_N	13	
Linking another Promotion		ASC_N	9	
Max Item Weight	3.3	ASC_N	6	
Segments X 16	Segments for loyalty server	ASC_YN	16	
Update loyalty srv	Update loyalty server	ASC_YN	1	
Coupon required type	0 None 1 One time only 2 One time per reward	ASC_N	1	
Credit Program Id		ASC_N	8	

Promotion external Id		ASC_N	8	
Department 4 digits		ASC_N	4	Exist and valid
Promotion Identifier		ASCII	1	
Filler			455	
Total			1024	

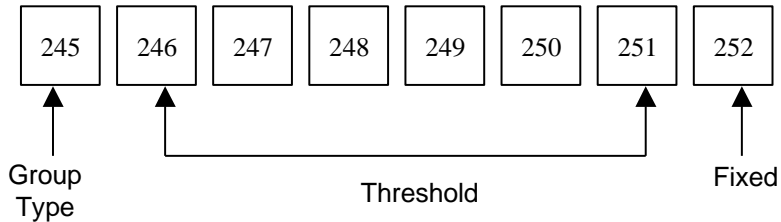
Promotion Data – Enhanced Promotion

Field	Options	Type	Size	Validations
Group Type	1 Units 2 Weighed/Decimal 3 Amount By Value 4 Credits 5 Order Value	ASC_N	1	Supported group
Threshold Qty	Threshold quantity depends on the group type. (See example 2 on page 24).	ASC_N	6	
Step Count Qty	Threshold quantity depends on the group type. (See example 2 on page 24).	ASC_N	6	
Reward By Threshold Flag		ASC_N	1	in use in ongoing version
Non Netted Discount Flag		ASC_YN	1	

Points Redemption Approval		ASC_YN	1	
Points Required To Redeem		ASC_N	6	
Filler			117	
Total			139	

Promotion Data – Group Promotion

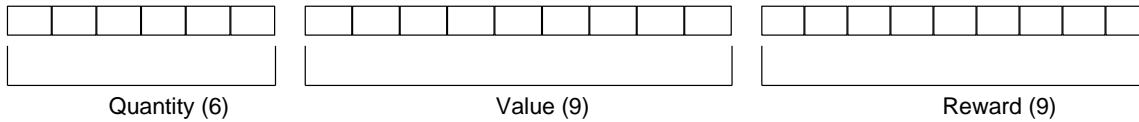
The example below shows how batch information must be organized. The pattern from offset 245 to 252 must be repeated 10 times.



Field	Options	Type	Size	Validations
Group Type x 10	1 Units 2 Weighed/Decimal 3 Amount By Value 4 Credits 5 Order Value	ASC_N	1*10	Supported group
Threshold Qty X 10	Threshold quantity depends on the group type. (See example 2 on page 24).	ASC_N	6*10	
Fixed Group reward X 10		ASC_YN	1*10	
Points Redemption Approval Flag		ASC_YN	1	
Non Netted Discount Flag		ASC_YN	1	
Filler			57	
Total			139	

Promotion Data – Order/Level Promotion

The example below shows how batch information must be organized. This pattern must be repeated 5 times (from offset 246 to 366).



Field	Options	Type	Size	Validations
Group Type	1 Units 2 Weighed/Decimal 3 Department 4 Credits 5 Order Value	ASC_N	1	Supported group
Quantity	Threshold quantity depends on the group type. (See example 2 on page 24).	ASC_N	6*5	
Value		ASC_N	9*5	>0
Reward Value	Reward value depends on the reward type. (See example 1 on page 24).	ASC_N	9*5	>0
Filler			18	
Total			139	

Member Promotion Linked File

Field	Options	Type	Size	Validations
Header			64	
Member Promotion Id		ASC_N	9	1-999999999
Link Promotion Type	50 - PLU 53 - Mix & Match 51 - Department 54 - Manufacturer 55 - Price Group 58 - Segments	ASC_N	2	Supported type
Link Item Id		ASC_N	14	According to type: 50-(0-999999999999999) 51-(0-0000000000999) 53-(0-0000000099999) 54-(0-0000000099999) 55-(0-0000000099999) 58-(0-0000000999999)
Group Promotion Id	0 Not a Group Promotion 1- 10	ASC_N	2	
Filler			933	
Total			1024	

Member Promotion Checkout Bank Exclusion

Field	Options	Type	Size	Validations
Header			64	
Member Promotion Id		ASC_N	9	1-999999999
Checkout Bank Number	Values 1 - 99	ASC_N	2	
Filler			949	
Total			1024	

Credits Program File

Field	Options	Type	Size	Validations
Header			64	
Credit program Id		ASC_N	8	
Credit program description		ASCII	20	
Start date	YYMMDD	ASC_DT	6	
End date	YYMMDD	ASC_DT	6	>= start date
Start time		ASC_N	4	Valid time
End Time		ASC_N	4	Valid time
Activation day	Bit 0 Sunday Bit 1 Monday Bit 2 Tuesday Bit 3 Wednesday Bit 4 Thursday Bit 5 Friday Bit 6 Saturday	ASC_N	7	0 or 1
Activation time X 7	For each day start time size is 4 End time size is 4	ASC_N	56	
Print credit earning after each item in a receipt		ASC_YN	1	0 or 1
Print total credits earning on receipt		ASC_YN	1	0 or 1
Report to loyalty promotion srv		ASC_YN	1	0 or 1
Print voucher		ASC_YN	1	0 or 1
Barcode for voucher Id		ASC_YN	1	0 or 1
Earning details on voucher		ASC_YN	1	0 or 1
Member card dependency		ASC_YN	1	0 or 1
Enable for all card schemes		ASC_YN	1	0 or 1

Field	Options	Type	Size	Validations
Schemes X 10 card scheme	Available card schemes One scheme size is 3	ASC_N	30	
Event invisible on receipt		ASC_YN	1	0 or 1
Negative event		ASC_YN	1	0 or 1
Display avi\bmp image		ASC_YN	1	0 or 1
Refresh customer display		ASC_YN	1	0 or 1
Report to Internet explorer		ASC_YN	1	0 or 1
Display message box		ASC_YN	1	0 or 1
Enter to queue messages		ASC_YN	1	0 or 1
Empty (not used)		ASC_YN	1	0 or 1
Item template name		ASCII	10	
Total on receipt template name		ASCII	10	
Voucher template name		ASCII	10	
Print voucher Id	0 None 1 Internally 2 Promotion Server	ASC_N	1	
Redeem validation period (in days)	999	ASC_N	3	
Maximum order purchase	99999.99	ASC_N	8	
Minimum order purchase	99999.99	ASC_N	8	
Minimum program purchase	99999.99	ASC_N	8	
Minimum program qty purchase	9999	ASC_N	4	
Price threshold	99999.99	ASC_N	8	(include point)
Value reward		ASC_N	8	
Price step	99999.99	ASC_N	8	
Value step reward		ASC_N	8	

Field	Options	Type	Size	Validations
Value threshold		ASC_N	8	
Price reward	99999.99	ASC_N	8	
Value step		ASC_N	8	
Price step reward	99999.99	ASC_N	8	
Reward type		ASC_N	1	
Avi/bmp file name		ASCII	40	
Number of seconds to display picture	0-60	ASC_N	2	
Text message		ASCII	50	
Num of seconds to display msg	0-60	ASC_N	2	
Filler		ASC_N	582	
Total			1024	

Fuel Grades

Field	Options	Type	Size	Validations
Header			64	
Grade Number		ASC_N	3	1-16
Blends Percentage	Whole percent	ASC_N	3	
Grade Name		ASCII	32	
New Price Cash in Full Service	(4, 3)	ASC_N	7	
New Price Cash in Self Service	(4, 3)	ASC_N	7	
New Price Credit in Full Service	(4, 3)	ASC_N	7	
New Price Credit in Self Service	(4, 3)	ASC_N	7	
First Product Number		ASC_N	3	
Second Product Number		ASC_N	3	
Grade Short Name 3		ASCII	3	
Grade Short Name 5		ASCII	5	
Valid Grade Flag		ASC_YN	1	0 or 1
Price Changing Date from NEW to OLD		ASC_FULL_DT	12	
Filler		ASC_0	867	
Total			1024	

PLU Group

Currently under development - not implemented in ENCOR.

Field	Options	Type	Size	Validations
Header			64	
Group Number		ASC_N	2	0 exist if opcode is data
Op-code	0- 0 Group Header 1- 1 Group data	ASC_N	1	0 or 1
PLU name / Group name		ASCII	16	
PLU number		ASC_N	14	Exist
Filler		ASC_0	927	
Total			1024	

Subdepartment

Field	Options	Type	Size	Validations
Header			64	
Sub-Department number		ASC_N	12	
Description		ASCII	16	
Department number		ASC_N	4	exist or 0
Group number		ASC_N	3	0-255
Filler		ASC_0	925	
Total			1024	

Department

- If the value in the “Department number” field is zeroed then the value will be taken from the “Department 4 digits” field.
- If there are values at the “Department number” field and in the “Department 4 digits” field then the value will taken from the “Department number” field
- If the values in the “Department number at H/O” field is zeroed then the value will be taken from the “Department H/O 4 digits” field.
- If there are values at the “Department number at H/O” field and at the “Department 4 digits” field the value will taken from the “Department H/O 4 digits” field

Field	Options	Type	Size	Validations
Header			64	
Department number		ASC_N	3	1-999
Department name		ASCII	16	
Tax rate 1		ASC_N	1	0 or 1
Tax rate 2		ASC_N	1	0 or 1
Tax rate 3		ASC_N	1	0 or 1
Tax rate 4		ASC_N	1	0 or 1
Tax rate 5		ASC_N	1	0 or 1
Tax rate 6		ASC_N	1	0 or 1
Tax rate 7		ASC_N	1	0 or 1
Tax rate 8		ASC_N	1	0 or 1
Payment with food stamps		ASC_N	1	0 or 1
Non merchandise		ASC_N	1	0 or 1
Negative entry		ASC_N	1	0 or 1
Allow weighing		ASC_N	1	0 or 1
Allow discount		ASC_N	1	0 or 1

Field	Options	Type	Size	Validations
Payment by WIC		ASC_N	1	0 or 1
Department in use	Can't put 0 if sales exist for this department.	ASC_N	1	0 or 1
Cost plus department		ASC_N	1	0 or 1
Report PLU changes to head office		ASC_N	1	0 or 1
Fuel Department		ASC_N	1	0 or 1
No club card points		ASC_N	1	0 or 1
Not Used		ASC_N	1	0 or 1
No manual amount entry	Not used	ASC_N	0	0 or 1
Counter department	Not used	ASC_N	0	0 or 1
Non scanned department	Not used	ASC_N	0	0 or 1
Eligible for trading stamps	Not used	ASC_N	0	0 or 1
Not Used		ASC_N	4	0 or 1
Maximum value		ASC_N	8	
Minimum value		ASC_N	8	< Maximum value
Control check for maximum value		ASC_N	2	0-99
Control check for minimum value		ASC_N	2	0-99
Group number		ASC_N	2	0-50
Discount type		ASC_N	2	0-99
Restriction layout		ASC_N	2	0-10
Department number at H/O		ASC_N	3	0-999

Field	Options	Type	Size	Validations
Customer discount type 1	Customer discount type 1	ASC_N	6	
Customer discount type 2	Customer discount type 2	ASC_N	6	
Customer discount type 3	Customer discount type 3	ASC_N	6	
Customer discount type 4	Customer discount type 4	ASC_N	6	
Customer discount type 5	Customer discount type 5	ASC_N	6	
Department 4 digits	Department 4 digits	ASC_N	4	0-9999
Department H/O 4 digits	Department H/O4 digits	ASC_N	4	0-9999
Manual Item Price Maximum Value	Not used	ASC_N	0	0 or 1
Exclude from promotions flag	Not used	ASC_N	0	0 or 1
DeptGrpNum 5 Digit	Not used	ASC_N	0	0 or 1
Not Used		ASC_N	8	0 or 1
Non-Rx-Healthcare		ASC_N	1	0 or 1
Rx		ASC_N	1	0 or 1
WIC CVV		ASC_N	1	0 or 1
Filler		ASC_0	839	
Total			1024	

Bad Accounts

Field	Options	Type	Size	Validations
Header			64	
Account Number		ASC_N	20	> 0
Control Check		ASC_N	3	
Filler		ASC_0	937	
Total			1024	

Enhanced Bad Accounts

Field	Options	Type	Size	Validations
Header			64	
Account Number		ASC_N	22	> 0
Sequential Number	NOT USED	ASC_N	4	
Description		ASCII	34	
Initials		ASCII	10	
Tender Code		ASC_N	4	
Date Tendered	YYMMDD	ASC_DT	6	
Control Check		ASC_N	3	
Store Number	NOT USED	ASC_N	4	
Amount Tendered		ASC_N	10	
Amount Owing		ASC_N	10	
Special Description		ASCII	255	
Store Number 2		ASC_N	5	
Routing Number		ASC_N	10	
Filler		ASC_0	583	
Total			1024	

A/R Accounts

Field	Options	Type	Size	Validations
Header			64	
Account Number		ASCII	12	Not Empty
Account Name		ASCII	30	
Balance	7.2 (may begin with "-")	ASC_N	10	
Status ID		ASC_N	3	0-255
Status Description		ASCII	20	
Internal Status		ASCII	1	Always 0
Limit	5.2 (may begin with "-")	ASC_N	8	
Discount		ASCII	1	Always 0
Filler		ASC_0	875	
Total			1024	

Object Security

Field	Options	Type	Size	Validations
Header			64	
Security Date	000000	ASC-0	6	Will default to the current date and time
Entity Type	PLU = 1	ASC-N	3	
Entity ID Start		ASCII	40	
Entity ID End	Can be same as start if security is only for 1 item	ASCII	40	
User Group ID	000	ASC-N	3	Always 000 – not used right now
Allow Update Flag	0 = allow, 1 = don't allow	ASC-N	1	0 or 1
Allow Insert Flag	0 = allow, 1 = don't allow	ASC_N	1	0 or 1
Allow Delete Flag	0 = allow, 1 = don't allow	ASC-N	1	0 or 1
Allow Query Flag		ASC_0	1	Always 0 – not used right now

Filler		ASC_0	864	
Total			1024	

Price List

Field	Options	Type	Size	Validations
Record Header			64	
Price List ID	Values 1 - 99	ASC_N	2	
Description	Values 0000000000000000 - 9999999999999999	ASCII	50	
Filler		ASC_0	908	
Total			1024	

PLU Price List

Field	Options	Type	Size	Validations
Record Header			64	
Price List ID	Values 1 - 99	ASC_N	2	
Item ID	Values 0000000000000000 - 9999999999999999	ASC_N	14	
Price		ASC_N	8	
Quantity	Values 1 – 99, 0 if not used	ASC_N	2	
Department	Values 1 – 9999, 0 if not used	ASC_N	4	
Filler		ASC_0	930	
Total			1024	

Linked Items Header

Field	Options	Type	Size	Validations
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Field	Options	Type	Size	Validations
Header			64	
Link Number		ASC_N	4	0001-9999
Link Description		ASCII	20	
Valid Flag		ASC_N	1	0 or 1
Filler		ASC_0	935	
Total			1024	

Linked Items Detail

Field	Options	Type	Size	Validations
Header			64	
Link Number		ASC_N	4	0001-9999
Link Item ID		ASC_N	14	
Bottle Deposit Flag		ASC_N	1	0 or 1
Filler		ASC_0	941	
Total			1024	

Loyalty Member Promotion Link Item

Field	Options	Type	Size	Validations
Record Header			64	
Element code to be linked to		ASC_N	9	
Opcode		ASC_N	2	
Element code to link		ASC_N	14	
Bucket Number		ASC_N	2	
Link Status		ASC_N	4	
Line number in source file		ASC_N	9	
Dynamic Attribute Id		ASC_N	6	
Sub department level number		ASC_N	4	
Sequential Number		ASC_N	2	
Enforcement Inheritance	0 or 1	ASC_N	1	

Filler			907	
Total Bytes			1024	

Loyalty Promotion File

Field	Description	Options	Type	Size	Validations
Header				64	
MMBR_PROM_ID	Promotion Number		ASCII_N	9	
MMBR_PROM_TYP	Promotion Type	2 - Enhanced Promotion 3 - Group Promotion 8 - Order/Level Promotion	ASCII_N	1	
END_DATE	End Day		ASCII_DT	6	
PROM_DESC	Description		ASCII	20	
RWRD_TYP	Reward Type	0 - Not defined 1 - Cash value 2 - Percentage off 3 - Member card points 8 - New price 9 - Amount off per pound 10 - Amount off per item 11 - New price per pound 12 - Target message 13 - Percent of order 14 - Amount of order 15 - Free item 16 - Credits per item 17 - New price per quantity 18 - Multi reward	ASCII_N	2	

Field	Description	Options	Type	Size	Validations
		in target message 19 - Member account 21 - New price per item 22 - Promotion deal			
STRT_DATE	Start Date		ASCII_DT	6	
CRD_DPNDNCY_FG	Member Card Required		ASCII_N	1	
ALL_SCHEM_AVAIL_FG	Available for all card scheme		ASCII_N	1	
SCHM_ID1	Member Card Scheme 1		ASCII_N	3	
SCHM_ID2	Member Card Scheme 2		ASCII_N	3	
SCHM_ID3	Member Card Scheme 3		ASCII_N	3	
SCHM_ID4	Member Card Scheme 4		ASCII_N	3	
SCHM_ID5	Member Card Scheme 5		ASCII_N	3	
SCHM_ID6	Member Card Scheme 6		ASCII_N	3	
SCHM_ID7	Member Card Scheme 7		ASCII_N	3	
SCHM_ID8	Member Card Scheme 8		ASCII_N	3	
SCHM_ID9	Member Card Scheme 9		ASCII_N	3	
SCHM_ID10	Member Card Scheme 10		ASCII_N	3	
LMT_QTY	Limited Quantity		ASCII_N	13	10 digits + 3 decimal points
RCPT_SEPERT_OPT	Receipt separation option		ASCII_N	2	
MSG_EXP_DAYS	Message expiry days		ASCII_N	4	

Field	Description	Options	Type	Size	Validations
LIMIT_REWRD_PURCH_VOLUME	Limit reward by purchase volume		ASCII_N	5	
Null	Not Used			1	
Null	Not Used			1	
STRT_TM	Start Time		ASCII_DT	4	
END_TM	End Time		ASCII_DT	4	
SUN_FG	Activation Day 1		ASCII_N	1	
MON_FG	Activation Day 2		ASCII_N	1	
TUE_FG	Activation Day 3		ASCII_N	1	
WED_FG	Activation Day 4		ASCII_N	1	
THU_FG	Activation Day 5		ASCII_N	1	
FRI_FG	Activation Day 6		ASCII_N	1	
SAT_FG	Activation Day 7		ASCII_N	1	
SUN_STRT_TM	Start Time 1		ASCII_DT	4	
SUN_END_TM	End Time 1		ASCII_DT	4	
MON_STRT_TM	Start Time 2		ASCII_DT	4	
MON_END_TM	End Time 2		ASCII_DT	4	
TUE_STRT_TM	Start Time 3		ASCII_DT	4	
TUE_END_TM	End Time 3		ASCII_DT	4	
WED_STRT_TM	Start Time 4		ASCII_DT	4	
WED_END_TM	End Time 4		ASCII_DT	4	
THU_STRT_TM	Start Time 5		ASCII_DT	4	
THU_END_TM	End Time 5		ASCII_DT	4	
FRI_STRT_TM	Start Time 6		ASCII_DT	4	
FRI_END_TM	End Time 6		ASCII_DT	4	
SAT_STRT_TM	Start Time 7		ASCII_DT	4	
SAT_END_TM	End Time 7		ASCII_DT	4	
LOW_HIGH_FG	Low or High reward price		ASCII_N	1	
DELAY_PROM_FG	Delayed Promotion		ASCII_N	1	
VAL_BY_CSHR_FG	Value entered by cashiers		ASCII_N	1	
CPN_RQRD	Required a Coupon Code		ASCII_N	13	

Field	Description	Options	Type	Size	Validations
MIN_PURCH	Min Purchase		ASCII_N	13	
UPD_LOYALTY_SRV	Update Loyalty Server		ASCII_N	1	
CPN_REQ_TYP	Coupon Required Type	0 None 1 One time only 2 One time per Reward	ASCII_N	1	
PROM_EXT_ID	Promotion External ID		ASCII_N	8	
STR_HIER_ID	Department	List of department in the system	ASCII_N	4	
NON_NETTED_FG	Non Netted Flag		ASCII_N	1	
REWARD_OFFSET	reward offset	Reward Location	ASCII_N	2	
REWARD_LENGTH	reward length		ASCII_N	2	
USE_BARCODE_PROG	Use Barcode Programming		ASCII_N	1	
MSG_ID_ON_ITM	Message ID on Item		ASCII_N	4	
MSG_ID_ON_TOTAL	Message ID on Total		ASCII_N	4	
PROM_LNK_TYP	Promotion Link Type		ASCII_N	2	
INCLUDE_TCKT_CRDT	Include Ticket Credits		ASCII_N	1	
USE_TRSHOLD_MULTPLR	Use PLU Threshold Multiplier		ASCII_N	1	
APPORNTMNT_ALGRM	Reward Apportionment at POS	4 = Reward items	ASCII_N	1	
MAN_TRIGR	Manually Triggered		ASCII_N	1	
PRMPT_CSHR_CONDITIONS	Prompt cashier for conditions		ASCII_N	1	
PRIORITY_BCKT_RWRD_CALC	Priority Bucket for Reward		ASCII_N	2	

Field	Description	Options	Type	Size	Validations
	Calculation				
RFND_ALLWD_FG	Refund Promotion		ASCII_N	1	
RWRD_PROM_COLLG_FG	Reward Offer Only by Promotion Collection		ASCII_N	1	
EXLUD_ITMS_WITH_PRHBT_DISC	Exclude Items With Prohibit Discount		ASCII_N	1	
TRGT_MSG_TYP	Target Message Type	Target Message Type	ASCII_N	2	
PROM_DEAL_TYP	Promotion Deal Type		ASCII_N	1	
TMPLT_FOR_LOYALTY_PROM_PROGRES	Template for Loyalty promotion progress		ASCII_N	6	
TRGT_MSG_TMPLT	Target Message Template		ASCII	10	
MMBR_ACCT_ACTIVITY_TYP	Member account activity type		ASCII_N	1	
MMBR_ACCT_VAL	Member account value		ASCII_N	13	10 digits + 3 decimal points
LMT_QTY_DAILY	Daily quantity limit		ASCII_N	6	
LMT_QTY_PERIOD	Period quantity limit		ASCII_N	6	
MARK_DOWN_ITM	Mark down item		ASCII_N	14	
GIVE_CALC_RWRD_AS	Give calculated reward as	0-Immediate reward 1-Member Account 2-Voucher	ASCII_N	2	
TMPLT_NUM_FOR_CALC_RWRD	Template Number for calculated reward		ASCII_N	4	
MSG_EXP_PERIOD_TYP	Message expiry period type	0-None 1-No. of Days	ASCII_N	1	

Field	Description	Options	Type	Size	Validations
		2-Date Range			
MSG_EXP_PERIOD_FROM	Message expiry period From Date		ASCII_DT	6	
MSG_EXP_PERIOD_TO	Message expiry period To Date		ASCII_DT	6	
CRDT_CALC	Credit Calculation	Not used (move to condition record)	ASCII_N	2	
SUSPENDED	Suspended		ASCII_N	1	
APPLICBL_FOR	Promotion Applicable For	0 - All Stores 1 – Home Store Only 2 – Home & Neighborhood Stores	ASCII_N	2	
REDEEM_TRGR_MMBR_A CCT	Redeem Triggered Member Accounts		ASCII_N	1	
CPN_RQRD	Required a Coupon Code		ASCII_N	14	
LMT_RWRD_VAL_IN_TICKET	Limit reward value in ticket		ASCII_N	7	
FUND_METHOD	Funding method	0-Retailer Only 1 – Supplier only 2 – Supplier percent contribution 3 – Supplier amount/item contribution	ASCII_N	2	
FUND_VAL	Funding value		ASCII_N	7	Funding Method –1 0– 100000 Funding Method – 2 0-999999
CONFLCT_LEVEL	CONFLCT_LEVEL		ASCII_N	2	0-Default 1-Exclude 2-Always wins 3-Always

Field	Description	Options	Type	Size	Validations
					loses
CONFLCT_ PARTIC	CONFLCT_PARTIC	No Yes	ASCII_N	1	
COUPON_ID	COUPON_ID	ID from REMA	ASCII_N	10	
MMBR_ACCT_ID	Member account number		ASCII_N	9	
RWRD_MMBR_ ACCOUNT	Reward member account		ASCII_N	9	
PROM_ APPLICABLE_ MODE	Promotion Applicable mode		ASCII_N	2	
SEGMENT_ ACTIVE	Segments active in		ASCII_N	2	
DISC_ALLOC_ RCPT_PRNT	Discount Allocation for receipt printing		ASCII_N	1	
CLIENT_ CONFIRM_ REQUIRED	Trigger requires client confirmation flag		ASCII_N	1	
REFERENCE_ NUMBER	REFERENCE_NUM BER		ASCII_N	4	
MESSAGE_ NUMBER	MESSAGE_NUMB ER		ASCII_N	4	
RWRD_EXEC	Reward Execution		ASCII_N	3	
REWARD_ INITIATOR	Reward Initiator		ASCII_N	5	
VOUCHER_ START_DAY_ OPT	Voucher Start Day Option	Voucher Start Day Option: Issue Date One Day From Issuing One Week From Issuing Two Weeks From Issuing First Of Next Month One Month From Now	ASCII_N	3	
COUPON_	Coupon		ASCII_N	6	

Field	Description	Options	Type	Size	Validations
REDEMPTION_NUMBER	Redemption Number				
COUPON_ISSUING_NUMBER	Coupon Issuing Number		ASCII_N	6	
TM_CSHR_MSG_ID	Cashier display - Message ID		ASCII_N	5	
TM_CSHR_TIMING	Cashier display - Timing		ASCII_N	3	
TM_CUST_MSG_ID	Customer display - Message ID		ASCII_N	5	
TM_CUST_TIMING	Customer display - Timing		ASCII_N	3	
TM_RECIEPT_MSG_ID	Receipt Printing - Message ID		ASCII_N	5	
TM_RECIEPT_TIMING	Receipt Printing - Timing		ASCII_N	3	
TM_SPECIAL_EFFECT	Special effect at POS		ASCII_N	3	
NULL	Not used			1	
ALLOC_CONNECT_SEG	Connect Segment		ASCII_N	10	
ALLOC_DISCONNECT_SEG	Disconnect Segment		ASCII_N	10	
EXT_REF_ID	External Promotion ID	Numeric	ASCII	20	0
CRM_CUST_MSG_ID	Customer Communication Of Reward Msg Id		ASCII_N	5	
CRM_CUST_TIMING	Customer Communication Of Reward Msg Timing		ASCII_N	3	
CRM_CSHR_MSG_ID	Operator Communication Of Reward Msg Id		ASCII_N	5	
CRM_CSHR_TIMING	Operator Communication Of Reward Msg Timing		ASCII_N	3	
CRM_RECEIPT_MSG_ID	Receipt		ASCII_N	3	

Field	Description	Options	Type	Size	Validations
	Communication Of Reward Msg Id				
CRM_RECEIPT_TIMING	Receipt Communication Of RewardMsg Timing		ASCII_N	3	
CRM_SPECIAL_EFFECT	Communication Of Reward Special Effect At POS		ASCII_N	3	
INS_CUST_MSG_ID	Customer Incentive Msg Id		ASCII_N	5	
INS_CUST_TIMING	Customer Incentive Msg Timing		ASCII_N	3	
INS_CSHR_MSG_ID	Operator Incentive Msg Id		ASCII_N	5	
INS_CSHR_TIMING	Operator Incentive Msg Timing		ASCII_N	3	
INS_RECEIPT_MSG_ID	Receipt Incentive Msg Id		ASCII_N	5	
INS_RECEIPT_TIMING	Receipt Incentive Msg Timing		ASCII_N	3	
INS_SPECIAL_EFFECT	Incentive Special Effect At POS		ASCII_N	3	
APR_CUST_MSG_ID	Customer Approval Msg Id		ASCII_N	5	
APR_CUST_TIMING	Customer Approval Msg Timing		ASCII_N	3	
APR_CSHR_MSG_ID	Operator Approval Msg Id		ASCII_N	5	
APR_CSHR_TIMING	Operator Approval Msg Timing		ASCII_N	3	
APR_SPECIAL_EFFECT	Approval Special Effect At POS		ASCII_N	3	
PROMOTION_OFFLINE_T YPE	Promotion Offline Type		ASC_YN	1	
RTN_ITM_ELIGIBLE_FG	Return Item		ASC_YN	1	

Field	Description	Options	Type	Size	Validations
	Eligible				
APPLY_TRIGGER_TO	Apply Trigger To		ASCII_N	3	
UOM_LIMIT_TYPE	UOM Limit Type		ASCII_N	1	
PERIOD_UOM_LIMIT	Period UOM Limit		ASCII_N	9	
ACCUMULATE_DISCOUNT _INTO_MA_FG	Accumulate Discount Into MA		ASCII_N	1	0 or 1
DISCOUNTS_ACCUMULAT ING_MA_ID	Discounts Accumulating MA ID		ASCII_N	14	
Filler				385	

Loyalty Promotion Reward Level Data

Field	Description	Options	Type	Size	Validations
Header				64	
MMBR_ PROM_ID	Promotion Number		ASCII_N	9	
REWARD_LEVEL_ID	Reward Level ID	Enhance/Group – 1 Level – 1-5	ASCII_N	3	
RWRD_ VAL	Reward Value		ASCII_N	13	
RWRD_ TRSHOLD	Rewards Threshold Units		ASCII_N	13	
INJECT_FROM_MA	Inject		ASCII_N	1	
LMT_MA_RWD_FG	Limit MA Reward		ASCII_N	1	
REDUCE_MA_BY_RWD_F G	Reduce MA by Reward		ASC_YN	1	
INJECT_FROM_MA_ID	From MA		ASCII_N	6	
LMT_MA_RWD_VAL	Limit MA Reward Value		ASCII_N	13	
LMT_MA_RWD_TYPE	Limit MA Reward Type		ASCII_N	1	
MA_BAL_TYPE	MA Balance Type		ASCII_N	3	
EXTRACT_REWARD_FRO M	Extract Reward From		ASCII_N	1	
REWARD_ELEMENT	Reward Element		ASCII_N	2	
Filler			ASCII_0	893	

Loyalty Promotion Reward Level Condition Data

Field	Description	Options	Type	Size	Validations
Header				64	
MMBR_PROM_ID	Promotion Number		ASCII_N	9	
REWARD_LEVEL_ID	Reward Level ID		ASCII_N	3	
REWARD_LEVEL_CONDITION_ID	Promotion Condition ID	1- Enhance/Level 1-10 Group	ASCII_N	3	
GRP_MMBR	Group Member Account	List of member account in the system	ASCII_N	9	
SELECT_UNITS	Select Units (Grouping Type)	0 – All Items 1- Different Items 2- Same Items	ASCII_N	3	
CRDT_CALC	Credit Calculation	0 –Credit Calc Account Open Balance. 1-Credit Calc Include Ticket Earnings. 2-Credit Calc Ticket Earnings Only.	ASCII_N	3	
MIN_TRESHOLD_FOR_TRIG	Min Threshold For Trigger		ASCII_N	13	
GRP_TYP	Group type	1-Units 2-Weight / Decimal / Volume 3-By Value 5-Order value 6-Promotion Trigger 10-Member Account	ASCII_N	3	

Field	Description	Options	Type	Size	Validations
		11-Case Item Quantity			
TRSHOLD_QTY	Threshold Qty		ASCII_N	13	
SECOND_ THRESHOLD_ QTY	Second Threshold		ASCII_N	13	
MIN_VAL	Min Item Value		ASCII_N	13	
MIN_WGT	Min Item Weight		ASCII_N	13	
MAX_ITEM_ WGT	Max Item Weight		ASCII_N	13	
TRIG_FG	Apply reward Calc		ASCII_N	1	
APPLY_ APPORT	Apply Apportionment		ASCII_N	1	
CONTINUES_FG	CONTINUES flag		ASCII_N	1	
RWRD_ GRP	Reward Group		ASCII_N	1	
BUCKET_ LOGICAL_ RELATION	Bucket logical relation		ASCII_N	1	
MAX_ SPEND_ON_ RWRD_ CALC	Maximum spend on reward calculation		ASCII_N	13	
LMT_RWRD_OF_UOM_ VOLUME	Limit reward of UOM Volume		ASCII_N	13	
THRESHOLD_SUB_TYPE	Threshold Sub Type		ASCII_N	1	
INS_MSG_TRIGGER_VALUE	Trigger Value For Incentive Msg		ASCII_N	13	
Filler			ASCII_0	804	

Dynamic Attribute Maintenance

Field	Description	Options	Type	Size
Header	Record Header			64

ITM_ATTRIB_ID	Item Attribute ID		ASCII_N	4
DESCR	Item Attribute Description		ASCII	20
ITM_ATTRIB_TYP	Item Attribute Type		ASCII_N	1
ALLOW_MMBR_PROM_ATTACH	Allow Member Promotion Attachment		ASCII_N	1
GENERATE_TRANSACTION	Generate Transaction for Item Attribute		ASCII_N	1
NUM_OF_DECIMAL	Num Of Decimal (for Numeric Value Item Attribute)		ASCII_N	1
ALLOW_MMBR_PROM_REWARD	Allow Member Promotion Reward		ASCII_N	1
DEFAULT_TXT_VAL	Default textual value of the Item Attribute		ASCII_N	50
DEFAULT_NUM_VAL	Default numeric value of the Item Attribute		ASCII_N	9
FRONT_OFFICE_USE_ONLY	Item Attribute used only in Front Office		ASCII_N	1
Filler			ASCII_0	930
Total Bytes				1024

Dynamic Attribute Value Maintenance

Field	Description	Options	Type	Size
Header	Record Header			64
ITM_ATTRIB_ID	Item Attribute ID		ASCII_N	4
ITM_ATTRIB_VAL_ID	Item Attribute Value ID		ASCII_N	13
DESCR	Item Attribute Value Description		ASCII	50

Filler			ASCII_0	893
Total Bytes				1024

Electronic WIC Items

Actions Add(5)/Update(6) will make the item enable.

Action Delete(8) will make the Item disable.

Field	Options	Type	Size	Validations
Record Header			64	
POSTAL CODE	TX,FL,CT,CO etc (2 char STATE POSTAL CODE)	Char	2	
Item ID	Values 0000000000000000 - 9999999999999999	Numeric	14	
Filler		ASC_0	944	
Total			1024	



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NCR Corporation
2651 Satellite Blvd.
Duluth, GA 30096

P/N 89000943
PIN 45002/014