

ISS 45



- *Promotion Batch Files*
- *Technical Reference*
- *Version 7.7*
- *(General Batches)*
-

ISS45 7.7 Promotion Batch File Technical Reference (“General Batches”)

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Introduction

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

The files and functionality that require interfacing are:

- PLU Batch File Layout
- PLU Group
- EAN 99 Coupons
- Member Promotions
- Customer Accounts
- Bad Accounts
- Subdepartment
- Department
- Cross
- Member Program

PLU interfacing (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.

Below are general instructions that apply to all batch types.

- Updates and changes are sent in ASCII files. These files must reside in the PCMASTER directory.
- ASCII files have different opcodes and record layouts for every file and update type.

ASCII File Layouts

File Names

Batch files to be executed should be found in C:\PCMASTER directory. File names should be BX?????.DAT. Where ????? is a 6 digit batch number.

File Layouts

Record length is 512 + CR. All records contain headers. Some of the fields are not used. Headers are 64 Bytes.

Note Fields printed in *italic format* are not implemented!

The first record in a batch file is a header record. This record has a file number of 999 and holds 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

File Header Record Structure (999)

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
<i>Batch Number</i>		ASC_0	6
Description	Batch description	ASCII	20
Flags	Bit 0 Execute batch at EOD if exist	ASC_N	8
Filler		ASC_0	465
Total Bytes			512

Record Header

Field	Options	Type	Size	Validations
File number	2 Promotion file 3 EAN 99 Coupons 27 PLU Group 37 Sub-department 40 Department 51 Customer accounts 52 Bad Accounts 73 Member Program 101 Cross 999 File header	ASC_N	3	Supported file number
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 50 Empty file (51 and 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 and 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 Don't 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	

Member Promotion File (2)

Field	Options	Type	Size	Validations
Header			64	
Promotion Number		ASC_N	4	
Promotion Type	2 Enhanced Promotion 3 Group Promotion 4 Order Promotion 5 Order/Level Promotion 6 Order/Group Promotion 7 Free Item Promotion	ASC_N	1	Supported type
End Day	YYMMDD	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	ASC_N	1	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
Reward		ASC_N	9	
Start Date	YYMMDD	ASC_DT	6	
Flags	Bit 0 Member card required Bit 1 Available for all card schemes	ASC_N	8	
Schemes X 10	Available card schemes		0	
Card scheme	One scheme size is 3	ASC_N	30	
Limited quantity		ASC_N	8	

Field	Options	Type	Size	Validations
Filler		ASC_0	76	
Promotion Data	<p>According to Promotion Type Structure is listed below:</p> <ul style="list-style-type: none"> • Enhanced Promotion • Group Promotion • Order Promotion • Order/Level Promotion • Order/Group Promotion • Free Item 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	0	
	Start time size is 4 End time size is 4	ASC_N	56	
Flags 2	Bit 0 Trigger for group 1 Bit 1 Trigger for group 2 Bit 2 Trigger for group 3 Bit 3 Reserved Bit 4 Reserved	ASC_N	5	0 or 1 If one trigger is set the two other reset.
Filler		ASC_0	42	
Total			512	

Promotion Data - Enhanced Promotion

Field	Options	Type	Size	Validations
Group Type	1 Units 2 Weighed/Decimal 3 Amount By Value	ASC_N	1	Supported Group
Threshold Qty	(3.3)	ASC_N	6	
Step Count Qty	(3.3)	ASC_N	6	
Filler			13	

Promotion Data - Group Promotion

Field	Options	Type	Size	Validations
Groups X 3				
Group Type	1 Units 2 Weighed/Decimal 3 Amount By Value	ASC_N	1*3	Supported group
Threshold Qty	(3.3)	ASC_N	6*3	
Filler			21	

Promotion Data - Order Promotion

Field	Options	Type	Size	Validations
Group Type	1 Units 2 Weighed/Decimal 3 Department	ASC_N	1	Supported group type
Minimum Item Value		ASC_N	9	
Maximum Reward		ASC_N	9	
Threshold Qty		ASC_N	6	
Threshold Value		ASC_N	9	>= min. item value
Threshold Reward		ASC_N	9	<= maximum reward
Step Count Qty		ASC_N	6	
Step Count Value		ASC_N	9	>= min. item value
Step Count Reward		ASC_N	9	<= maximum reward
Filler		ASC_0	67	

Promotion Data - Order/Level Promotion

Field	Options	Type	Size	Validations
Group Type	1 Units 2 Weighed/Decimal 3 Department	ASC_N	1	Supported group type
Minimum Item Value		ASC_N	9	
Maximum reward		ASC_N	9	
Banded X 5	Band is active if quantity or value are not 0.		0	
Quantity	(3.3)	ASC_N	6*5	
Value		ASC_N	9*5	>0 >= minimum item value
Reward		ASC_N	9*5	>0 <= maximum reward
Filler			139	

Promotion Data - Order/Group Promotion

Field	Options	Type	Size	Validations
Maximum Reward		ASC_N	9	
Group X 3				
Group Type	1 Units 2 Weighed/Decimal 3 Department	ASC_N	1*3	Supported group type
Min. Item Val.		ASC_N	9*3	
Threshold Qty.	(3.3)	ASC_N	6*3	
Threshold Value		ASC_N	9*3	
Filler		ASC_0	84	

Promotion Data - Free Item Promotion

Field	Options	Type	Size	Validations
Groups X 3				
Group Type	1 - Units 2 - Weighed/Decimal	ASC_N	1 1. 2.	Supported group Group 3 must be Units
Threshold Qty	(3.3)	ASC_N	6	
Free Item code		ASC_N	131. 2.	Item exit Unit item
Filler			20	

EAN 99 Coupons (3)

Field	Options	Type	Size	Validations
Header			64	
Coupon Number		ASC_N	13	>0
Description		ASCII	48	
Threshold Qty		ASC_N	6	
Expire Date	YYMMDD (Informative Only)	ASC_DT	6	
Coupon Type	Alpha A-E (A, B=0, C=1, D=2, E=3)	ASC_0	1	Valid type
Coupon Value		ASC_N	9	
Transaction Total		ASC_N	9	
Flags	Bit 0 Blocked	ASC_N	8	
Limit Upto		ASC_N	3	
Filler		ASC_0	345	
Total			512	

Bad Accounts (52)

Field	Options	Type	Size	Validations
Header			64	
Account Number		ASC_N	19	> 0
Control Check		ASC_N	3	
Filler		ASC_0	426	
Total			512	

Customer Accounts (51)

Field	Options	Type	Size	Validations
Header			64	
Account Number	Customer account number is 13 digits. Must have valid check digit. Only first 12 digits will be used as a key	ASC_N	13	Valid check digit != 0
Last Name		ASCII	30	
Date Issued	YYMMDD	ASC_DT	6	
Balance	Customer Account Balance	ASC_N	10	
<i>Credit Limit</i>		ASC_N	8	
<i>Account Type</i>	<i>The customer discount type range is 1-5</i>	ASC_N	1	
<i>Address</i>	<i>Customer Address</i>	ASCII	30	
<i>Tax Exemption</i>	<i>Tax Exemption number</i>	ASC_N	10	
<i>Black List Message</i>	<i>Black list message</i>	ASCII	20	
Additional number		ASC_N	20	
Filler		ASC_0	300	
Total			512	

Note The *italic* fields are supported only in version 7.34.

PLU Group (27)

Field	Options	Type	Size	Validations
Header			64	
Group Number		ASC_N	2	0 exist if opcode is data
Op-code	0- Group Header 1- Group data	ASC_N	1	0 or 1
PLU name / Group name		ASCII	16	
PLU number		ASC_N	13	Exist
Filler		ASC_0	416	
Total			512	

Department (40)

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		ASC_N	1	0 or 1
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
Payment by WIC		ASC_N	1	0 or 1
Department in use	Can't put 0 if there is sales 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
Not Use		ASC_N	1	0 or 1
No clubcard points		ASC_N	1	0 or 1
<i>No manual amount entry</i>		ASC_N	0	<i>0 or 1</i>
<i>Counter department</i>		ASC_N	0	<i>0 or 1</i>
<i>Non scanned department</i>		ASC_N	0	<i>0 or 1</i>

Field	Options	Type	Size	Validations
<i>Eligible for trading stamps</i>		ASC_N	0	0 or 1
Not Use		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
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	
Filler		ASC_0	346	
Total			512	

Subdepartment (37)

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	413	
Total			512	

Cross (101)

Field	Options	Type	Size	Validations
Header			64	
Opcode	20 Link PLU to Promotion. 21 Link Department to Promotion. 22 Link PLU to Coupon. 30 Link Promotion to PLU. 31 Link Promotion to Department. 32 Link Coupon to PLU.	ASC_N	3	20,21,22, 30,31,32
Element code to link		ASC_N	20	Valid code
Element code to be linked to		ASC_N	20	Valid code
Bucket number		ASC_N	1	0 or 1-3 depends on the promotion type
Filler		ASC_0	404	
Total			512	

Cross files are made up of links between PLU/Dep, PLU/Promotion, PLU/Coupon and visa versa.

For Example: A link between PLU 123 to Promotion 444 is displayed in the Cross File as follows:

OPCODE

20(Hex)	123	444
30(Hex)	444	123

When executing a General Batch File, the system automatically creates the opposite op-code 30(Hex) (as per example above).

(Therefore, you only need to define one side of the link, the system defines the other side).

If you want to link a Coupon 99887766 to a PLU 98765, your record looks as follows:

OPCODE

32(Hex)	99887766	98765
---------	----------	-------

The system will create the opposite:

OPCODE

22(Hex)	98765	99887766
---------	-------	----------

Member Program Points (73)

Field	Options	Type	Size	Validations
Header			64	
Program Number		ASC_N	2	>0
Program Name		ASCII	16	
<i>Not Used-1</i>		<i>ASCII</i>	4	
Minimum Points	Minimum points for redemption	ASC_N	6	
Minimum Purchase	Minimum purchase amount for redemption	ASC_N	9	
Redemption Rule	1 % off ticket total 2 \$ amount off ticket total 3 % off specific PLU sold 4 \$ amount off specific PLU sold 5 Free specific item 6 % off specific department 7 \$ amount off specific department 8 Coupon printed	ASC_N	2	
Redemption Value	% - ###.### \$ - ####.##	ASC_N	9	
Conversion Points	Conversion formula - points	ASC_N	6	
Conversion Amount	Conversion formula - amount	ASC_N	9	
Markdown Dept.	Markdown department	ASC_N	3	
<i>Flags 1</i>	<i>NU</i>	<i>ASC_N</i>	<i>8</i>	
<i>Flags 2</i>	<i>NU</i>	<i>ASC_N</i>	<i>8</i>	
PLU Number	Attached PLU number	ASC_N	13	
Department Number	Attached department number	ASC_N	3	
<i>Filler</i>		<i>ASC_0</i>	<i>350</i>	
Total			512	

PLU Batches

The points below are to be considered when executing PLU Batches:

- Only ASCII characters are allowed (0x20 and above)
- Numeric fields are right justified, with leading 0 or spaces.
- If you do not want to change a value of a field, fill it with spaces.
- Flag fields should have a value of Y if you want to set the flag, N if you want to clear it (space to leave it un-changed).
- Record length must be exactly 122/145/256/400 bytes (no carriage-return or line feed).
- The last record must be a footer (opcode 9).
- If you do not want the batch to be executed automatically, you must set the date and time fields in the footer to spaces.

Naming PLU Batches

Host batch files are named HIInnn.DAT. For example, batch file #1 will be called HI0001.DAT.

Local batch files are named HIXXXX.nnn. For example, batch file #1 will be called HIXXXX.001.

PLU Batch Parameters

Refer to the Back Office for parameters on PLU and Promotion Batches.

PLU Batch File Layout

Type	Name	Length	Type	Description
char	code	1	ASC_N	Record opcode: 0 - Ignore this record 1 - New item 2 - Update 3 - Delete 4 - Sale 5 - New/Update 9 - Footer
Char	plu	13	ASC_N	PLU number
char	price	8	ASC_N	Item price
char	pos_name	16	ASC_N	POS name
char	dep	4	ASC_N	Department number
char	Spqty	2	ASC_N	MSU
char	manual	1	ASC_YN	Manual price
char	sale_pro	1	ASC_YN	Sale prohibited
char	non_merc	1	ASC_YN	Non merchandize
char	negative	1	ASC_YN	Negative item
char	inhibit	1	ASC_YN	Inhibit repeat/quantity
char	force_qty	1	ASC_YN	Force quantity
char	wic	1	ASC_YN	WIC item
char	weighed	1	ASC_YN	Weighed item
char	pmt	1	ASC_YN	Payment by food stamps
char	discount	1	ASC_YN	Discount prohibit
char	promotion	1	ASC_YN	* internal use *
char	vendor_c	1	ASC_YN	Vendor coupon
char	store_c	1	ASC_YN	Store coupon
char	NU	1	ASCII	Not used
char	on_sale	1	ASC_YN	* internal use *
char	mix	3	ASC_N	Mix and match code

DATA RECORD: ENHANCED BATCH (145 BYTES)

Type	Name	Length	Type	Description
char	retn	2	ASC_N	Return type
char	name	40	ASCII	Full name
char	tax_flags	8	ASC_YN	Tax flags
char	cost	7	ASC_N	Cost per case
char	u_case	3	ASC_N	Units per case
char	sec_price	8	ASCII	Frequent Shopper discount value

Data Record: Enhanced Batch (145 Bytes)

Type	Name	Length	Type	Description
char	code	1	ASC_N	Record opcode: 0 - ignore this record 1 - New item 2 - Update 3 - Delete 4 - Sale 5 - New/Update 9 - Footer
char	plu	13	ASC_N	PLU number
char	price	8	ASC_N	Item price
char	pos_name	16	ASC_N	POS name
char	dep	4	ASC_N	Department number
char	spqty	2	ASC_N	MSU
char	manual	1	ASC_YN	Manual price
char	sale_pro	1	ASC_YN	Sale prohibited
char	non_merc	1	ASC_YN	Non merchandize
char	negative	1	ASC_YN	Negative item
char	inhibit	1	ASC_YN	Inhibit repeat/quantity
char	force_qty	1	ASC_YN	Force quantity
char	wic	1	ASC_YN	WIC item

Type	Name	Length	Type	Description
char	weighed	1	ASC_YN	Weighed item
char	pmt	1	ASC_YN	Payment by food stamps
char	discount	1	ASC_YN	Discount prohibit
char	promotion	1	ASC_YN	* internal use *
char	vendor_c	1	ASC_YN	Vendor coupon
char	store_c	1	ASC_YN	Store coupon
char	NU	1	ASCII	Not used
char	on_sale	1	ASC_YN	* internal use *
char	mix	3	ASC_N	Mix and match code
char	retn	2	ASC_N	Return type
char	name	40	ASCII	Full name
char	tax_flags	8	ASC_YN	Tax flags
char	cost	7	ASC_N	Cost per case
char	u_case	3	ASC_N	Units per case
char	sec_price	8	ASC_N	Frequent Shopper discount value
char	family	3	ASC_N	Family number
char	subdep	12	ASC_N	Subdepartment number

Data Record: Extended Batch (256 Bytes)

Type	Name	Length	Ofs	Type	Description
char	code	1	0	ASC_N	Record opcode: 0 - Ignore this record 1 - New item 2 - Update 3 - Delete 4 - Sale 5 - New/Update 9 - Footer
char	plu	13	1	ASC_N	PLU number
char	price	8	14	ASC_N	Item price
char	disc_num	2	22	ASC_N	Discount number
char	freq_shop_type	1	24	ASC_N	Frequent Shopper type
char	freq_shop_val	8	25	ASC_N	Frequent Shopper discount value
char	pos_message	3	33	ASC_N	Linked message
char	tare	2	36	ASC_N	Tare weight pointer
char	dep	4	38	ASC_N	Department number
char	spqty	2	42	ASC_N	Split quantity
char	manual	1	44	ASC_YN	Manual price
char	sale_pro	1	45	ASC_YN	Sale prohibited
char	non_merc	1	46	ASC_YN	Non merchandize
char	negative	1	47	ASC_YN	Negative item
char	inhibit	1	48	ASC_YN	Inhibit repeat/quantity
char	force_qty	1	49	ASC_YN	Force quantity
char	wic	1	50	ASC_YN	WIC item
char	weighed	1	51	ASC_YN	Weighed item
char	pmt	1	52	ASC_YN	Payment by food stamps
char	discount	1	53	ASC_YN	Discount prohibit
char	promotion	1	54	ASC_YN	* internal use *

Type	Name	Length	Ofs	Type	Description
char	vendor_c	1	55	ASC_YN	Vendor coupon
char	store_c	1	56	ASC_YN	Store coupon
char	decimal_qty_req	1	57	ASC_YN	Decimal quantity required
char	on_sale	1	58	ASC_YN	* internal use *
char	mix	3	59	ASC_N	Mix and match code
char	not used	2	62	ASCII	Not used
char	name	40	64	ASCII	Full name
char	tax_flags	8	104	ASC_YN	Tax flags
char	cost	7	112	ASC_N	Cost per case
char	u_case	3	119	ASC_N	Units per case
char	sec_price	8	122	ASCII	* internal use *
char	family	3	130	ASC_N	Family number
char	subdep	12	133	ASC_N	Subdepartment number
char	inter_num	13	145	ASC_N	Internal number
char	label_count	2	158	ASC_N	Label count
char	pos_name	20	160	ASCII	POS name
char	retn	3	180	ASC_N	Return type
char	scale	1	183	ASC_YN	Send to scale
char	shelf	1	184	ASC_YN	Shelf stock item
char	weighed_scale	1	185	ASC_YN	Weighed at scale
char	cost_plus	1	186	ASC_YN	Cost plus
char	flg_nu	11	187	ASCII	Not used
char	second_family	3	198	ASC_N	Second family
char	shelf_life	3	201	ASC_N	Shelf life (days)
char	old_price	8	204	ASCII	* internal use *
char	sale	1	212	ASCII	* internal use *
char	vendor	10	213	ASC_N	Vendor number
char	coupon_no	13	223	ASC_N	Coupon number
char	restrict_plu	2	236	ASC_N	Pointer to time restriction

Type	Name	Length	Ofs	Type	Description
					layout
char	promo_no	3	238	ASC_N	Promotion number
char	not used	1	241	ASCII	Reserved
char	bucket_no	1	242	ASC_N	Group Number
char	extended_prom_no	3	243	ASC_N	Order promotion number
char	not used	1	246	ASCII	Reserved
char	extended_bucket_no	1	247	ASC_N	Order group number
char	not used	6	248	ASCII	Not used
char	err_field	1	254	ASCII	Not used
char	err_code	1	255	ASCII	Not used

Data record: Super Batch (400 Bytes)

Type	Name	Length	Ofs	Type	Description
char	code	1	0	ASC_N	Record opcode: 0 - ignore this record 1 - New item 2 - Update 3 - Delete 4 - Sale 5 - New/Update 9 - Footer
char	plu	13	1	ASC_N	PLU number
char	price	8	14	ASC_N	Item price
char	disc_num	2	22	ASC_N	Discount number
char	freq_shop_type	1	24	ASC_N	Frequent Shopper type
char	freq_shop_val	8	25	ASC_N	Frequent Shopper discount value
char	pos_message	3	33	ASC_N	Linked message
char	tare	2	36	ASC_N	Tare weight pointer
char	dep	4	38	ASC_N	Department number
char	spqty	2	42	ASC_N	Split quantity
char	manual	1	44	ASC_YN	Manual price
char	sale_pro	1	45	ASC_YN	Sale prohibited
char	non_merc	1	46	ASC_YN	Non merchandize
char	negative	1	47	ASC_YN	Negative item
char	inhibit	1	48	ASC_YN	Inhibit repeat/quantity
char	force_qty	1	49	ASC_YN	Force quantity
char	wic	1	50	ASC_YN	WIC item
char	weighed	1	51	ASC_YN	Weighed item
char	pmt	1	52	ASC_YN	Payment by food stamps
char	discount	1	53	ASC_YN	Discount prohibit
char	promotion	1	54	ASC_YN	* internal use *

Type	Name	Length	Ofs	Type	Description
char	vendor_c	1	55	ASC_YN	Vendor coupon
char	store_c	1	56	ASC_YN	Store coupon
char	decimal_qty_req	1	57	ASC_YN	Decimal quantity required
char	on_sale	1	58	ASC_YN	* internal use *
char	mix	3	59	ASC_N	Mix and match code
char	not used	2	62	ASCII	Not used
char	name	40	64	ASCII	Full name
char	tax_flags	8	104	ASC_YN	Tax flags
char	cost	7	112	ASC_N	Cost per case
char	u_case	3	119	ASC_N	Units per case
char	sec_price	8	122	ASCII	* internal use *
char	family	3	130	ASC_N	Family number
char	subdep	12	133	ASC_N	Subdepartment number
char	inter_num	13	145	ASC_N	Internal number
char	label_count	2	158	ASC_N	Label count
char	pos_name	20	160	ASCII	POS name
char	retn	3	180	ASC_N	Return type
char	scale	1	183	ASC_YN	Send to scale
char	shelf	1	184	ASC_YN	Shelf stock item
char	weighed_scale	1	185	ASC_YN	Weighed at scale
char	cost_plus	1	186	ASC_YN	Cost plus
char	flg_nu	11	187	ASCII	Not used
char	second_family	3	198	ASC_N	Second family
char	shelf_life	3	201	ASC_N	Shelf life (days)
char	old_price	8	204	ASCII	* internal use *
char	sale	1	212	ASCII	* internal use *
char	vendor	10	213	ASC_N	Vendor number
char	coupon_no	13	223	ASC_N	Coupon number
char	restrict_plu	2	236	ASC_N	Pointer to time restriction

Type	Name	Length	Ofs	Type	Description
					layout
char	promo_no	3	238	ASC_N	Promotion number
char	not used	1	241	ASCII	Reserved
char	bucket_no	1	242	ASC_N	Group Number
char	extended_prom_no	3	243	ASC_N	Order promotion number
char	not used	1	246	ASCII	Reserved
char	extended_bucket_no	1	247	ASC_N	Order group number
char	not used	6	248	ASCII	Not used
char	err_field	1	254	ASCII	Not used
char	err_code	1	255	ASCII	Not used
Char	lbl_vendor_id	8	256	ASC_N	Labels – Vendor ID
Char	lbl_vendor_num	20	264	ASC_N	Labels – Vendor number
Char	lbl_item_size	10	284	ASC_N	Labels – Item size
Char	lbl_comparative_uom	1	294	ASCII	Labels - Comparative UOM: 01 Ounce 09 Meter 02 Pound 10 Inch 03 Liter 11 Foot 04 Milliliter 12 Yard 05 Box 13 Gallon 06 Package 14 Quart 07 Gram 15 Pint 08 Kilogram
Char	lbl_compare_qty	6	295	ASC_N	Labels - Compare Qty
Char	lbl_compare_unit	4	301	ASC_N	Labels – Compare unit
Char	Filler	95	305		

Footer Record

Type	Name	Length	Ofs	Type	Description
Char	code	1	0	ASC_N	Record opcode must be 9
Char	date	6	1	ASC_N	Automatic execution date
Char	price	4	7	ASC_N	Automatic execution time
Char	name	12	11	ASCII	* internal use *
Char	Filler	233	23	ASCII	Not used

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