



- *Release Notes & What's New*
- *ISS45 8.0.8.0-050*
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8.0.8.0-050 Release Notes

| Date of Issue | Product Identification Number | Part Number | Brief Description |
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StoreNext Retail Technologies LLC has prepared this manual for use by users, authorized third parties and personnel of StoreNext Retail Technologies LLC as a guide to the proper installation, operation, customization and/or maintenance of StoreNext Retail Technologies LLC equipment and software. The drawings and specifications contained herein are the property of StoreNext Retail Technologies LLC.

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Introduction

Several new features and enhancements were made recently to the StoreNext ISS45 system as a result of customer change requests. These changes are reflected in the accompanying ISS45 8.0.8.0-050 software. The Change Request Document (CRD) number assigned to each enhancement is listed in the description heading.

These improvements are explained in detail in the following pages and are not included in your Office Users Guide or Office Administrator's Reference. Please keep this system update with your User Guides for quick reference. These changes will be included in the next release of these User Guides. If you have any questions regarding this release, please contact StoreNext Support.

Front Office Enhancements

1715/1820 – Cashier and POS Over/Short Report Enhancements

ISS45 has included two major enhancements the Over/Short Reports in this release. They are:

- Support for multiple cashier shifts (CRD 1820)
- Per Media Type Reporting (CRD 1715)

Reporting Support for Multiple Shifts

ISS45 now provides Cashier Over/Short Reports “per shift” (for each media type) for employees who have two or more shifts declared on the same business day. Previously, the Over/Short Reports were totaled on a “per day” basis. This made balancing and reporting over/short amounts per shift difficult, especially if the store was set not to lock cashiers during End of Day Processing (and unsettled amounts existed for the day).

Note:

This new functionality can also be utilized in sites configured for POS (rather than Cashier) accountability.

Required Parameter Setting

To implement this new feature this existing parameter must be enabled (set to “Yes”).

| Parameter | Explanation |
|--|--|
| Keep data after cashier/POS locking (do not erase) | This parameter provides the option of keeping the cashier/POS data after their till has been locked. When set to Yes, the SHIFT_EMP_MEDIA and SHIFT_EMP_MEDIA tables will not be erased. |

The General System Parameter is located under the Store \ Front Office \ End of Day \ Archive folder.

Note:

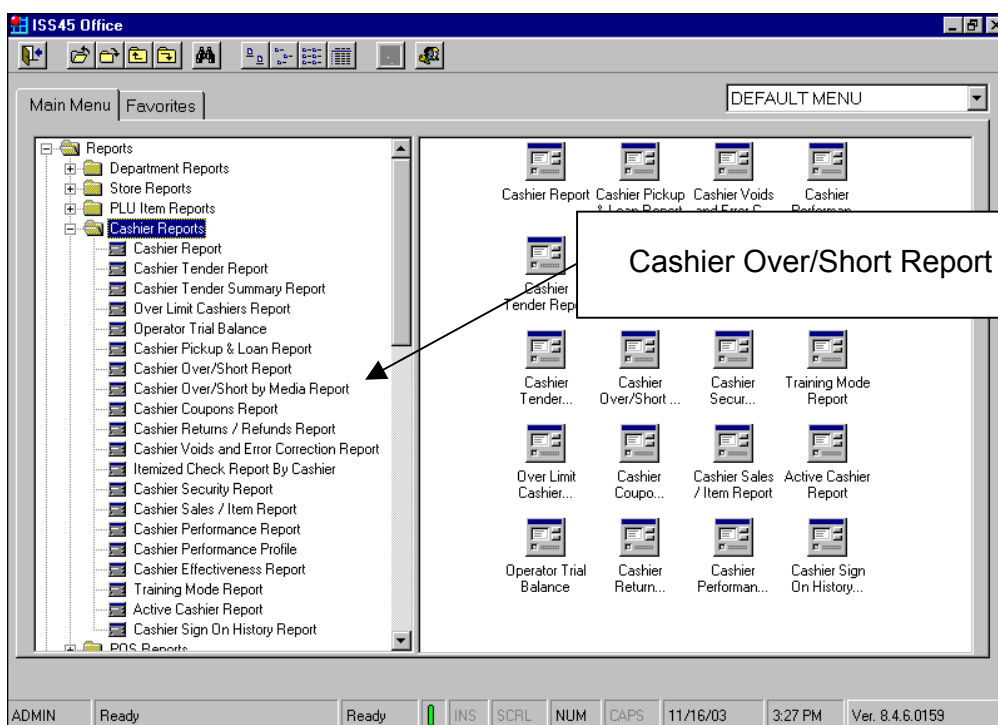
To utilize the Shift Accountability feature Delayed Balancing must be disabled. You can verify this with the following parameter setting (under the Store \ Cash Office \ Cashier Balancing Period Parameters folder):

Allow delayed cashier /POST balancing = No

New Media Over/Short Reports

ISS45 can now capture and save declared (and locked) cashier over and short amounts, by media type and by shift, for historical reporting purposes. Included in this enhancement are two new reports:

- Cashier Over/Short by Media Report (Cashier Accountability)
- POS Over/Short by Media Report (POS Accountability)



These new reports are available in the End of Day Reports and have been added to the Report Schedule Archive.

End Of Day Reports Parameters

Category: (All)

Go to: In Report Name

Reports List

| Report Name | Generate at EOD | Add to print history | Print during |
|------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|
| Basket Analysis: month-to-date (on | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Branch Expenses Summary Report | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Branch Performance Report | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Cashier Coupons | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Cashier Effectiveness | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Cashier History Sign On Report | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Cashier Over/Short Report | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Cashier Over/Short by Media Report | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| Cashier Performance Daily | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Cashier Performance Monthly | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Cashier Performance Profile | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Cashier Performance Weekly | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Cashier Pickup & Loan Report | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Cashier Returns / Refunds Summary | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

Clear Generate Clear Add Mark Print

Close

Cashier Over/Short by Media Report

Report Archive

Report Type: Cashier Reports Report Source: All

| Report Name | Date & Time | Description | UserDefined |
|--|-------------|-------------|-------------|
| Cashier Coupons Report | | | |
| Cashier Effectiveness Report | | | |
| Cashier Returns / Refunds Report | | | |
| Cashier Sales / Item Report | | | |
| Cashier Security Report | | | |
| Cashier Voids and Error Corrections Report | | | |
| Cashier Performance Profile Report | | | |
| Itemized Check Report By Cashier | | | |
| Cashier Tender Report | | | |
| Cashier Tender Summary Report | | | |
| Cashier Declaration Report | | | |
| Cashier Accountability Report | | | |
| Cashier Report | | | |
| Cashier Trial Balance | | | |
| Cashier Pickup & Loan Report | | | |
| Cashier Performance Report | | | |
| Over Limit Cashier Report | | | |
| Cashier Active Report | | | |
| Cashier Over/Short Report | | | |
| Cashier Over/Short by Media Report | | | |

Preview Print Close

Cashier Over/Short by Media Report

Affected Parameter

The following parameter controls the amount of historical data that is available for this report:

| Parameter | Explanation |
|---|---|
| Number of history shift for cashier/POS history table | Controls the maximum date range that will yield data for cashier/POS reports. |

This General System Parameter is located in the \ Store \ Front Office \ End of Day \ Archive folder:

For example, if the user wishes to see a quarterly Cashier over/short, based on a 5-day workweek for a 12-week quarter, the number of history shifts should be a minimum of 60-70. With this parameter set at only 60 the user would only be able to view the current quarter or the last 60 shifts a cashier has worked.

Note:

In System Parameter Maintenance (under Store \ Front Office \ End of Day \ Archive), the following parameter must be set accordingly in order to implement this new feature:

Keep Data after Cashier Locking = Yes

As part of this enhancement the following two existing reports can be included in the End of Day Reports (in the “All”, “Cashier” and “POS” categories) as well as the Report Schedule Definition:

- Cashier Over/Short Report (Cashier Accountability)
- POS Over/Short Report (POS Accountability)

New Reports

The new Cashier Over/Short by Media Report and POS Over/Short by Media Report can be generated Online, for a Specific Date or a Date Range:

Cashier Over/Short by Media Report

Go to: In No.

| No. | Name | Report |
|-----|-----------------|--------------------------|
| 1 | Bill | <input type="checkbox"/> |
| 11 | William | <input type="checkbox"/> |
| 20 | Mary - Training | <input type="checkbox"/> |

Select All
Unselect All
Mark

Online

Specific Date

One Day: 11/16/2003 Daily Weekly

By Range

From: 11/16/2003 Monthly Yearly

To: 11/16/2003

Navigation: [Back] [Forward] [Home] [End]

Schedule Preview Print Close

The Cashier Over/Short by Media Report and POS Over/Short by Media Report displays the Over/Short Amounts for declared and locked shifts and the Unsettled Amounts for unlocked shifts.

Cashier Over/Short by Media Report

Tim's Markets
Branch 43 Cash

Cashier Name : William
Cashier Number : 11
For : 11/17/2003 To 11/17/2003

| Media | Over/Short Amount | Unsettled Amount |
|----------------|-------------------|------------------|
| Cash | (\$0.70) | \$10.35 |
| Total : | -0.70 | 10.35 |

Note:

As a reminder, Tenders that have been flagged to “Exclude from media reports” (under the General Parameters Tab in Tender Maintenance) will not be included in the Cashier and POS Over/Short Reports.

Note:

Media amounts from unlocked shifts will appear in the Unsettled column.

1659 – Promotional Item Identifier

ISS45 can now place a special character next to a promotional item on the customer's receipt to better identify those items. This will serve as a visual indicator to which items were on promotion in the situation where a cashier forgets to scan the member card.

New Field

To accommodate this change a new field can be found on the Basic General Tab of the Enhanced, Level and Group Promotion Screens.

The screenshot displays the 'Enhanced Promotion' configuration window. The 'Promotion ID' is 801 and the 'Description' is 'BBQ Sauce'. The 'General' tab is selected. The 'Start date' is 06/15/2004 at 00:00, and the 'End date' is 07/15/2004 at 23:59. The 'Day Settings' section shows all days of the week (Monday through Sunday) selected with a start time of 00:00 and an end time of 23:59. On the right side, the 'Promotion Identifier' field is highlighted with a callout box labeled 'Promotion Identifier Field'. This field contains a small asterisk (*) symbol. Other fields include 'Credit Program', 'Linked Promotion', 'Coupon Type' (set to 'Not Required'), 'Coupon Required' (set to 0), 'Delayed Promotion' (unchecked), and 'Non Netted Discount' (checked).

| Field | Description |
|----------------------|--|
| Promotion Identifier | Enter the symbol to print on the customer's receipt next to promotional items linked to this promotion |

Note:

If an item is on more than one promotion with different special characters defined, the item will be printed with the special character defined on the lowest promotion identification number.

Sample Receipt:

| | |
|---------------------------|--------|
| Pepsi Cans 24 Pack 12 OZ. | 9.29FD |
| * Longhorn BBQ Sauce | 3.99F |
| Savings | 0.50- |
| Gardeto Original Snack | 1.50FD |

3093 – X for \$Y Frequent Shopper Discounts

ISS45 now has the ability to offer frequent shopper discounts with MSUs (Multiple Selling Units). In previous versions of ISS45, frequent shopper discounts were always based on either a percentage or discount amount off the retail price. For example, an item can now have regular price of 1 for \$2.99 with a frequent shopper discount of 2 for \$5.00. Likewise, you can have both regular and frequent shopper discount pricing with different MSUs. For example, an item can have a regular price of 3 for \$2.99 and a frequent shopper discount of 5 for \$3.99

New Field

To accommodate this change a new field as well as a Frequent Shopper Type can be found in the Basic Setup Tab of the PLU Maintenance screen.

The screenshot displays the 'PLU Maintenance' window for item 1200000295 (DIET PEPSI). The 'Basic Setup' tab is active, showing fields for POST Description, Department, Subdepartment, Price, and Quantity. A callout box labeled 'New FS Quantity Field' points to the 'FS Quantity' input field in the 'Item Limitation' section, which is currently set to 1. Other fields include 'Value' (0.00), 'Item Limitation' (0), 'Change Price Reason', 'Fuel Item', 'Car Wash Item', and 'Exchange Tender ID'. Tax flags (Tax 1-8) are also visible.

PLU Maintenance

Item Number: 1200000295
 Description: DIET PEPSI

Basic Setup | Parameters 1 | Parameters 2 | Cost and Sales | Promoti

POST Description: DIET PEPSI
 Department: 1 - GROCERY
 Subdepartment: 1 -Health & Beauty
 Price: 1.19 Quantity: 1

Tax Flags
 Tax 1 Tax 2 Tax 3 Tax 4
 Tax 5 Tax 6 Tax 7 Tax 8

Frequent Shopper
 Type: X for \$Y
 Value: None
 Discount Amount
 Electronic coupon
 Percentage Discount
 X for \$Y
 Item Limitation:

Change Price Reason:
 Fuel Item Car Wash Item
 Exchange Tender ID:

X or \$Y Frequent Shopper Type

ISS45 applies the following logic when an item is sold:

- When an item is sold, the POS checks whether or not the item has a Frequent Shopper discount assigned.
- If the item doesn't have a Frequent Shopper discount assigned, the item is sold with its Retail Price.
- If the item has a Frequent Shopper discount assigned that is different than the **X for \$Y** type, the item is sold with the defined Frequent Shopper price, as long as the Frequent Shopper card has been scanned.
- If the item has the **X for \$Y** Frequent Shopper discount assigned, the POS checks for the value in the **FS Quantity** field.
- If the value of the **FS Quantity** field is 0, the POS calculates the Frequent Shopper price using the (Retail Price) **Quantity** field.
- If the value of the field is greater than '0', the POS calculates the Frequent Shopper price of the item based on the value of the **FS Quantity** field.

Note:

If the Frequent Shopper price per item is higher than Retail price per item, the POS will ignore the discount and will ring the item as if it doesn't have a discount. In this case, the "Reg. X.XX Sale X.XX" (see Dual Price Receipt Line Printing on page 24) will not be printed on the receipt.

2852 – ESL Unit Pricing Support

ISS45 supports full ESL (Electronic Shelf Label) Unit Pricing requirements through two new item maintenance fields and a modified system parameter.

In previous versions of ISS45, ESL unit pricing could not be supported if the item's package unit of measure was different from the comparative unit of measure.

For example, the current retail price of an item is \$2.99 and the package size is 14 oz. The item is required to display unit pricing by pound. In order to perform this calculation, ISS45 needs to know the package UOM is specified in ounces, and that the unit price for label purposes needs to be calculated in pounds.

With the Package UOM now specified in the item file (in ounces), ISS45 internally calculates the unit price per pound as follows:

Retail Price: \$2.99

Package Size 14

Comparative Unit of Measure: Pounds

Calculate price per ounce based on package size:

$$\$2.99 / 14 = .2135714285$$

Multiply price per oz. by 16 to obtain price per pound.

$$.2135714285 * 16 = 3.417142856$$

Round value to nearest penny if > \$1.00 or nearest tenth of cent if < \$1.00.

Unit price calculation derived = \$3.42 / Pound

Renamed Parameter

The following General System Parameter has been renamed to better describe how it enables ESL Unit Pricing calculation.

| Parameter | Explanation |
|---------------|---|
| ESL on System | Set this parameter to Yes to perform internal Unit Pricing calculations for ESL purposes. |

This General System Parameter is located in the Store \ Technical folder.

New PLU Fields

The PLU Maintenance Screen's Shelf Label and OEM tab has three new data entry fields:

The screenshot shows the 'PLU Maintenance' window with the 'Shelf Labels and OEM' tab selected. The 'Label Information' section contains the following fields:

- Item Number: 1800000521
- Description: Paper Plates
- Vendor Number: [Empty]
- Vendor Item Number: 0
- Item Size: [Empty]
- Package Size: 100
- Package UOM: Count
- Comparative UOM: Count
- Compare Quantity: 0
- Compare Unit: 0
- Unit Factor: 50
- Unit Price: 1.50

The 'OEM Parameters' section contains the following fields:

- Item: [Empty]
- Price Group: [Dropdown]
- Exclude from Minimum Purchase
- Scale
- Shelf life (days): [Empty]
- Shelf stock item
- Scale
- Weighed at scale

Callout boxes with arrows point to the following fields:

- Package Size Field: Points to the 'Package Size' input field.
- Package UOM Field: Points to the 'Package UOM' dropdown menu.
- Unit Factor Field: Points to the 'Unit Factor' input field.
- Calculated Unit Price (Read-Only): Points to the 'Unit Price' display field.

The descriptions for these new data entry fields are as follows:

| Field | Description |
|--------------|---|
| Package Size | This field contains the size of the package. (For example, enter 12 for a 12-ounce package). It is a numeric field with up to 10 digits (including the decimal point). |
| Package UOM | This field contains the package Unit of Measure specified on the package. Click the field's selection arrow and select from the pre-defined list. |
| Unit Factor | This field is used to calculate how many units of the product are used as part of the unit price calculation. For example, consider the item "Paper Plates". Paper plates come in various package sizes (100 count, 80 count, 50 count, 120 count). The unit factor holds the number of paper plates that should be included per the unit of measure. In most cases, the unit factor is 1 (default). In cases where there are a number of units within a package like paper plates, napkins, tea bags, and paper towels, the unit factor is used to determine what the true unit price is by "count" or "units" of product. (In the screen example above, the unit factor is for 50 plates). It is a numeric field (no decimals) with up to 4 digits. <u>The screen will display the calculated Unit Price to the right of the Unit Factor field.</u> |

Note:

The Comparative UOM field will default to the specified Package UOM setting.

3064 – PLU Group Sorting at the POS

PLU Groups can now be sorted at the POS by either PLU Description or PLU Number. In addition, subsequent changes to PLU Groups will generate an automatic resort of the group. (In prior versions of ISS45, if the PLU Description for an item was changed, the list was not resorted).

New Field

To accommodate this enhancement, two changes have been made to the Checkout Banks application (in the POS Setup \ POS Configuration folder under System Administration). The “Q-Load And Update File Parameter” tab has been renamed to “General Parameters”. The General Options section contains the new “PLU Group – Sort By:” field.

The screenshot displays the 'Checkout Banks' application window. The 'General Parameters' tab is selected, as indicated by the 'Renamed Tab' callout. The 'PLU Group - Sort By:' field is highlighted with a callout 'PLU Group - Sort By: field', showing a dropdown menu with 'PLU Description' and 'PLU Number' options. The 'PLU Description' option is currently selected.

Checkout Banks

Checkout Bank Group No.: 4

Description: PHARMACY REGISTERS

Max percentage of tills to upgrade Simultaneously: 0 Front End Terminals

Price List: [Dropdown]

Linked POS | Open Loan Amount | Taxes | **General Parameters**

Q-File Parameters

q-load Start time: 03:00

q-load Frequency: 1

q-load Prompt time out: 60

General Options

PLU Group - Sort By: PLU Description

PLU Description

PLU Number

| Field | Description |
|----------------------|---|
| PLU Group – Sort By: | Click the field's selection arrow and choose either PLU Description (to sort the group by item description) or PLU Number (to sort the group by item number). The POS terminals linked to the Checkout Bank will sort the PLU Groups accordingly. |

POS Enhancements

1660 – Card Number Masking

ISS45 has implemented account number receipt masking for both member cards and credit/debit cards. Unmasked account numbers may still be displayed through the Electronic Journal.

Member Card Number Masking

The customer's card number can now be masked on the customer's receipt as well as the customer and cashier displays.

New Parameter

To implement this new feature the following parameter has been established.

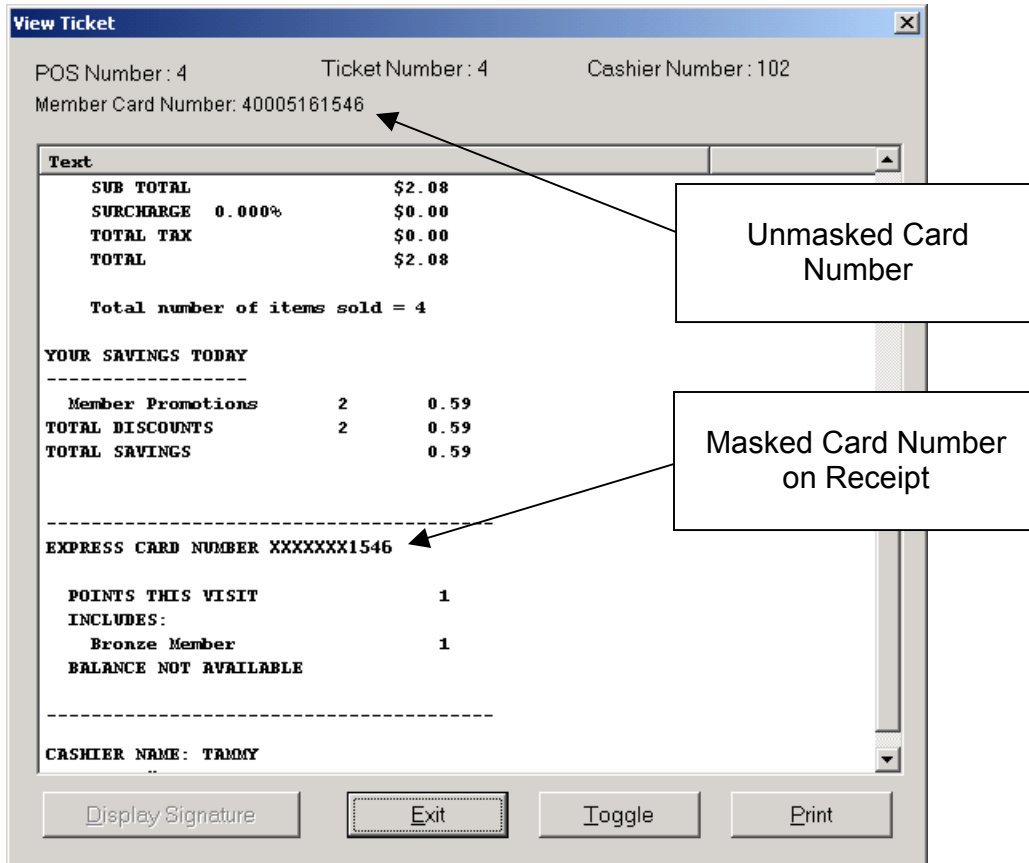
| Parameter | Explanation |
|------------------|--|
| Mask Member Card | This parameter provides the option of masking the member card on the receipt, customer and cashier display, following the rules set in Card Maintenance. |

This General System Parameter is located in the Store \ POST \ Operational \ Member Card \ Member Card folder.

Note:

Masking is performed according to the PAN Masking Parameters for character and positioning designation in Card Range Maintenance. See PAN and Expiration Date Masking below.

If this parameter is enabled, the member card number can still be viewed through the Electronic Journal:



PAN & Expiration Date Masking

Modifications have also been made to ISS45 to facilitate VISA/MasterCard requirements for PAN (Personal Account Number) and Expiration Date masking on copies of the customer and store receipts. The changes help ensure PAN masking compliance yet still allow the option to print the entire account number if desired.

As part of this enhancement, a new function determines whether the 'Printable Account Number' control field (within Credit and Debit receipt templates) will print only the last four digits of the PAN (preceded by X's).

If card ranges are currently being used to validate card types, PAN Masking is configured on the Prompts and Printing Tab of the Card Range Maintenance screen (under the Database Management\Card Maintenance folder).

Card Range Maintenance

Card Range No. Description: Active

Basic Setup Schemes Prompts and Printing Authorization

PAN Print Layout

| | |
|---|--------------------------------|
| 1 | <input type="text" value="0"/> |
| 2 | <input type="text" value="0"/> |
| 3 | <input type="text" value="0"/> |
| 4 | <input type="text" value="0"/> |
| 5 | <input type="text" value="0"/> |

Multi-part Receipt

Multi-part receipt number:

Print on receipts on Denial

PAN Masking

pan masking

Character:

Start Position:

End Position:

Pan Masking Parameters

If the Pan Masking flag is enabled, the properties for Character, Start and End Position will be used to mask the PAN. If the Pan Masking flag is enabled and the Character, Start and End Positions are blank, the full PAN will print on the receipt.

If Card Ranges are not being used, the 'Printable Account Number' control field will print only the last four digits of the PAN (preceded by X's) regardless of the account number length. This is also the case if Card Ranges are being used and the Pan Masking field is disabled.

The masking of card expiration dates is controlled through Tender Maintenance (in the Financial folder, under Database Management). Enable the "Do not display expiration date on receipt" flag (on the EPS – EFT Tab) to mask the card expiration date:

Tender Maintenance

Tender Number: Name:

Tender Setup | Values and C/Cs | General Parameters | Specific 1 | Specific 2 | Template | Open Loan

POST Report | EPS - EFT

ECA

Use ECA on this media

Use ECA log on this media

ECA time out value:

EFT description:

Do not display expiration date on receipt

Storeline EPS

Allow offline approval

Capture cashback amount at pinpad

Pinpad cashback display amount #1:

Pinpad cashback display amount #2:

Max cashback limit at pinpad:

Allow Manual account entry

Pre-enabled Flag

1627 – Dual Price Receipt Line Printing

ISS45 now has the ability to print both the regular retail and frequent shopper price on the receipt. In previous releases, if the frequent shopper card had been entered, only the frequent shopper price printed. If the frequent shopper card had not been scanned, only the retail price printed.

New Parameter

To implement this new feature the following parameter has been established.

| Parameter | Explanation |
|--|--|
| Print Regular and Frequent Shopper Price | This parameter provides the option of printing both the retail price and the frequent shopper (sale) price on the receipt. |

This General System Parameter is located in the Store \ POST \ Monetary \ Frequent Shopper folder.

Note:

To use this feature you must have the "Buffer Printing" parameter enabled (under the Store \ Post \ Presentation \ Receipt \ Buffer Printing folder) as well as the "Reprocess Ticket at Late Swipe parameter (under the Store \ Post \ Operational \ Member Card \ Member Card \ Operation folder).

If his parameter is enabled, the POS application will print both prices (retail and frequent shopper) whether the Frequent Shopper card is entered into the transaction or not.

The cashier and customer displays will continue to show the actual ring price (whether retail or frequent shopper).

The regular and frequent shopper prices will appear for each of the following unique transactions:

- MSU Items

| | | |
|------------|-------------|--------|
| 2 @ 4 FOR | \$1.20 | \$0.60 |
| Reg \$2.00 | Sale \$1.20 | |

- UPC 2 Price Embedded Weighed Items / Weighed Items

| | | |
|------------|-------------|--------|
| 1.43 lb @ | \$1.99 / lb | \$2.85 |
| Reg \$6.99 | Sale \$1.99 | |

- Voids & Returns

| | |
|-----------------|--------------|
| 3 @ \$1.30 | \$3.90 |
| Reg \$2.00 | Sale \$1.30 |
| ITEM SUBTRACTED | |
| Item | -\$1.30 |
| Reg -\$2.00 | Sale -\$1.30 |

- Member Promotions

| | |
|------------|-------------|
| Item | \$1.80 |
| Reg \$2.00 | Sale \$1.80 |
| Promotion | -\$1.00 |

Note:

Regular and Sale prices are not printed when a Manual Price is entered.

3066 – Enhanced Combine Items Functionality

ISS45 now combines multiple sales of the same item on the customer receipt for all items. In previous versions of ISS45, multiple sales of the items that used more than one line on the receipt (as the case of Multiple Selling Unit items) were not combined on the receipt.

A regular priced MSU item sold multiple times (without using the quantity key) will print on 2 lines.

| | | |
|------------|--|------|
| WHOLE MILK | | |
| 4@ 3/7.19 | | 9.59 |

A frequent shopper item scanned or entered multiple times will print on 3 lines.

| | | |
|------------------|-----------|------|
| CRANAPL COCKTAIL | | |
| 4@ 1.59 | | 6.36 |
| Reg 2.29 | Sale 1.59 | |

A frequent shopper priced MSU item sold multiple times that has a different quantity than the retail price quantity will print on 3 lines.

| | | |
|----------------|-------------|------|
| PEPPERED JERKY | | |
| 4 @ 4/5.89 | | 5.89 |
| Reg 2/5.89 | Sale 4/5.89 | |

If limited quantity is used on an item and the threshold is reached, the item will be split into 2 groups on the receipt. For example, a regular price of 1.00, frequent shopper price of .50 (limit 2) and 4 items are sold:

| | | |
|----------|----------|------|
| MUSTARD | | |
| 2 @ .50 | | 1.00 |
| Reg 1.00 | Sale .50 | |
| MUSTARD | | |
| 2 @ 1.00 | | 2.00 |

Items with the same PLU/UPC that have been entered with the quantity multiple times in an order will be combined as one entry on the receipt. For example, the cashier enters two separate QTY transaction of 2 (for the same item):

| | | |
|----------|--|------|
| CANDY | | |
| 4 @ 1.00 | | 4.00 |

Note:

To display “Reg.” and “Sale” price on the receipt, the General System Parameter “Reprocess Ticket at Late Swipe parameter (under the Store \ Post \ Operational \ Member Card \ Member Card \ Operation folder) must be set to “YES”. Random weight items and scale items will not be combined on the receipt.

2350 – EAN 128 Frequent Shopper Barcode Support

ISS45 now supports Code 128 type barcodes on Frequent Shopper cards.

Required Parameter Settings

In order to support this new feature the following parameters must be set accordingly:

| Parameter | Explanation |
|---|--|
| Member Card Number includes Check Digit | Set to "No" to enable Code 128 type barcode support. |
| Member Card used at POS must have a valid EAN Check Digit | Set to "No" to enable Code 128 type barcode support. |

This General System Parameter is located in the Store \ POST \ Operational \ Member Card \ Member Card \ Check Digit folder.

To manually enter a Code 128 Frequent Shopper number at the POS, enter "581" followed by the first seven digits on the card.

2385 – Electronic Check Conversion & Check Imaging

ISS45 now has the ability to support both Electronic Check Conversion (ECC) and Check Imaging. An ECC is similar to a debit card transaction. The customer hands the cashier a check. The check placed into the Epson OPOS Printer/Scanner and returned to the customer after the sale is authorized and tendered. The customer's checking account is debited in approximately 2 days. An ECC transaction saves the store check handling fees and reduces cash turnaround time.

Note:

Electronic Check Conversion with this release only runs on StoreLine EPS systems.

For legal purposes, a copy of the presented check in an ECC transaction must be saved. With Check Imaging, a small JPEG image of the tendered check is capture by the Epson OPOS Printer/Scanner and archived in the FrontOffice SQL Database on MFS1. (The images are held in the new CUR_IMAGES table).

New Fields

To implement this enhancement, two new fields have been added to the E-Ticket-OPOS tab of the POST Configuration screen:

Post Configuration

POS Number: POS Type: Active till

General | WinPOS HW | Non WinPOS 1 | Non WinPOS 2 | Auth. - EFT - I/F | E-Ticket - OPOS

E-Ticket

E-Ticket Active Virtual POS Number:

OPOS

OPOS Printer Driver Name:

OPOS Line Display Driver Name:

OPOS Drawer Driver Name:

OPOS Scanner Driver Name:

OPOS Scale Driver Name:

OPOS MICR Driver Name: Use OPOS MICR

OPOS MSR Driver Name: Use OPOS MSR

OPOS Keyboard Driver Name:

OPOS KeyLock Driver Name: Use OPOS KeyLock

OPOS Coin Dispenser Driver Name: Use OPOS Coin Dispenser

OPOS Check Scanner Driver Name: Use OPOS Check Scanner

OPOS Check Scanner Driver Name

Use OPOS Check Scanner Checkbox

| Field | Description |
|--------------------------------|---|
| OPOS Check Scanner Driver Name | Enter the name of the OPOS driver used to interface the Check Scanner in the Printer. |
| Use OPOS Check Scanner | Check is this flag box to enable using the Check Scanner of the printer |

In addition, new fields have been added to the EPS-EPT and General Parameter tabs of the Tender Maintenance Screen:

| Field | Description |
|------------------------------------|---|
| Use Check Conversion on this media | Check this box to enable check conversion for this media. |

| Field | Description |
|-------------------|---|
| Scan Tender Image | Check this box to enable sending the check image to the FrontOffice database on MFS1. |

Note:

This parameter will not work at the POS if the parameters for the OPOS Check Scanner

New Parameters

To implement this new feature the following parameters have been established.

| Parameter | Explanation |
|--|--|
| Prompt Cashier to return check to customer | Set this parameter to Yes to prompt the cashier to return the check to the customer at the end |

| | |
|---|---|
| | of the transaction. |
| Duration of Return Check to Customer prompt | This parameter enables setting the duration in seconds of the Return Check to Customer prompt. If set to '0', the cashier must clear the prompt manually (C). |
| Electronic Check Message Template | This parameter provides the option of selecting a template that will be printed at the end of the ticket. (See text for default template below). |
| Electronic Check Message | Click the field's selection arrow and choose when to print the Electronic Check Message: Not to print, always print or only print if a check has been tendered. |
| CC for Check Image Bypass | Click the field's selection arrow and choose the Control Check to issue when Check Imaging is bypassed. |
| Manual Check Tender | Click the field's selection arrow and choose the check tender to be used in the event the Check Conversion fails. |

These General System Parameter are located in the new Store \ POST \ Monetary \ Electronic Check folder.

Default Template Text

The Electronic Check Message that exists in the default template (E_CHK_MSG) is as follows:

This store is using a new electronic check conversion process that increases our shoppers' security. Instead of sending your paper check through the banking system, just the check amount, check number, account number and bank number are sent via secure electronic codes to the bank, and our cashier returns your paper check immediately to you for your records. Your check will be cashed in approximately two business days, and your monthly bank statement will list all the details of your check transaction. This new system eliminates many errors and increases our shoppers' security since no one can ever see your actual check or be able to copy your address or telephone number information. Please be aware that our store will retain an electronic image of all checks for 30 days to enable us to prosecute cases of fraudulent checks. For your security, these electronic images are also specially coded and protected and available only to authorized personnel. Thank You!

➤ **To tender an ECC transaction:**

- 1 Total the transaction and choose the ECC tender.
The message “Check Image Scan: Insert Check Front Face Up. Press Yes to Bypass Scan” appears.
- 2 Insert the check into the Epson OPOS Printer/Scanner.
The message “Check Image Scan Please Wait appears”. After approval the “Please Return Check to Customer” message appears.
- 3 Hit the Clear [C] to continue.

Note:

In step 1, the Cashier has the option to bypass check the image scan by pressing “Yes”. The Control Check for image bypassing will appear.

1905 – Tare Value on Customer Receipt

ISS45 now has the ability to print the tare weight (for scale items) on the customer receipt. This ensures the customer that the proper weight value has been deducted from the scale weight.

Tare weights can be printed for all items with tare codes (whether taken from the Tare Table or entered manually) or just those items where tares are manually entered.

For example:

| |
|-----------------------------|
| Cherries |
| 2.00 lb @ 1.50/lb \$3.00 |
| Tare Weight: 0.05 |

New Parameter

To implement this new feature the following parameter has been established.

| Parameter | Explanation |
|------------------------------|--|
| Print Tare Weight on Receipt | This parameter provides the option of printing the tare weight on the receipt. Click on the field's selection arrow and choose: No, Print All Tares or Print Manual Tares. |

This General System Parameter is located in the Store \ POST \ Presentation \ Receipt \ Regular Printing \ General folder.

2119 – Return Slip Validation Printing

ISS45 can now print a return slip on tickets where items have been returned by the customer. The return slip will contain the UPC Number, department number and price for each item returned.

The format of the receipt will vary, depending on the slip template. The slip printed will include two parts. The first part will contain the header and the list of items returned (which is not available for editing). The second part will contain the total of the ticket before tax, the total tax and a section for free text. All the fields on the second part are controlled from the template and available for editing.

New Parameters

To implement this new feature the following parameters have been established.

| Parameter | Explanation |
|---|--|
| Template name for return totals slip | This parameter provides the option of selecting the template for return totals slip. Enter the name of the template defined within the Templates/Multi-part Receipt program. |
| Number of slips to print to print for return totals | This parameter specifies how many copies of return totals slip will be printed. |

These General System Parameters are located in the Store \ POST \ Presentation \ Receipt \ Regular Printing \ End Ticket folder.

New Template Fields

To accommodate this change two new supported fields can be added to the slip template:

| Field | Description |
|------------------|---|
| Total Before Tax | This field will display the total amount of the ticket before tax. The name of the field when importing it for the template: TTL_BFR_TX |
| Total Tax Paid | This field will display the total amount of the tax paid in the ticket. The name of the field when importing it for the template: TR_TTL_TX |

1661 – Gift Certificate Tender Change

In previous versions of ISS45, if a Gift Certificate was tendered above the total amount due on the transaction, change was given only in cash. With this new enhancement, change due (if more than a specified parameter amount) can be given in the form of a Gift Certificate slip.

New Parameters

To implement this new feature the following parameters have been established.

| Parameter | Explanation |
|--------------------------------|--|
| Gift Certificate Change | This parameter provides the option of selecting the gift certificate tender. Click the field's selection arrow and choose the tender used for Gift Certificates. |
| Gift Certificate Change Tender | This parameter provides the option of selecting the gift certificate change tender. Click the field's selection arrow and choose the tender used for Gift Certificate change. |
| Gift Certificate Change Amount | This parameter provides the option of selecting the gift certificate change threshold amount. If the change due is greater than the amount set here, a gift certificate slip will be printed for the change amount and no cash change will be given. |

These General System Parameters are located in the Store \ POST \ Monetary \ Gift Certificates \ Gift Certificate Change folder.

Note:

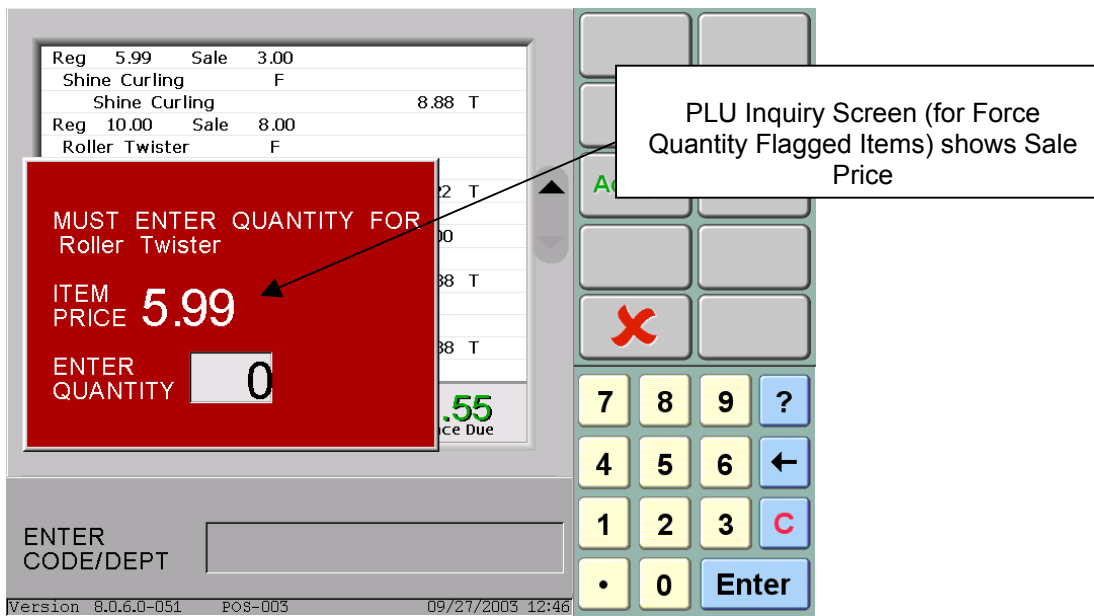
The gift certificate will be printed from the two following templates: GCERT_STR (Store Copy) and GCERT_CST (Customer Copy). Examples of the templates (_GCERT_STR / _GCERT_CST) are supplied with the release. It is the store's responsibility to rename and edit them (if needed) so the application can print them.

When a Gift Certificate is tendered and the balance due is more than the Gift Certificate Change Amount specified by the parameter above, then a gift certificate (in the form of a multiple part slip) with the remaining balance due to the customer will be printed. The multiple part slip (both customer and store copies) will contain the store logo, header, "Drawer

Copy Only “ (on store copy), date, time, balance due to customer and **“GIFT CERTIFICATE”** (in bold). The certificate number will also be printed in the form of # (TTYMODDHHMMSS) where TT = Terminal Number, YY = year, MO = month, DD = day, HH = hour, MN = minute, SS = second. Gift Certificate # 03040829141857 would translate to terminal #3 at 08/29/04 2:18:57 PM.

2121 – Sale Price in PLU Inquiry Screen

In previous versions of ISS45, the PLU Inquiry screen that required a quantity to be entered (for items whose Force Quantity Flag is set to “Yes”) showed the item’s regular price. To be consistent with a regular PLU Inquiry (which displayed the sale price), the screen now also displays the item’s sale price.



340 – Receipt Drawing Slips

ISS45 can now automatically print contest-drawing slips at the end of a transaction with pre-printed customer information (retrieved using the customer's card number). The slip will contain the Customer Name and Number as well as other information specified in the designated customer slip template.

Customer data will be retrieved from the ISS45 Member Maintenance database for printing on the receipt.

| |
|--|
| <p>PICKLE'S BARBEQUE DRAW</p> <p>Place entry from in</p> <p>BLUE BARREL at</p> <p>Customer Service</p> |
| <p>Member Number: 400002424567</p> <p>Name: John Smith</p> <p>Street:</p> <p>City:</p> <p>Phone:</p> |

Optionally, if the customer does not exist in the database or no customer card was presented during the transaction, a blank drawing slip may be printed for the customer to complete.

New Parameters

To implement this new feature the following parameters have been established.

| Parameter | Explanation |
|---------------------|--|
| Print Customer Slip | This parameter controls when a slip is printed at the end of the order. Click the field's selection arrow and choose "Members Only" (to print a slip when a member card is entered during the sale) or "All Customers" (to print a slip for all transactions). The default setting is "No Slip". |

| | |
|--|--|
| Customer Slip Template | This parameter provides the option of selecting the template for the customer slip. Enter the name of the template defined within the Templates/Multi-part Receipt program. (The template name must have 10 characters and match the name of the template in the template database). |
| CC for printing customer slip for non-member | This parameter provides the option of selecting the control check required when choosing the "Prompt for non-members" option. |

These General System Parameters are located in the Store \ POST \ Presentation \ Receipt \ Regular Printing \ End Ticket folder.

Note:

If the "Print Customer Slip parameter" is set to "All Customers" and the parameter "CC for printing customer slip for non-member" is defined, the control check will pop up for non-members.

1626 – Designated Training Mode Cashiers

ISS45 has added additional layer of security to ensure that when a POS workstation is in Training Mode, only designated training cashier numbers can sign on. This will eliminate the possibility of a live cashier number signing on in Training Mode.

New Fields

To implement this enhancement, two new fields have been added to the Cashier Maintenance screen:

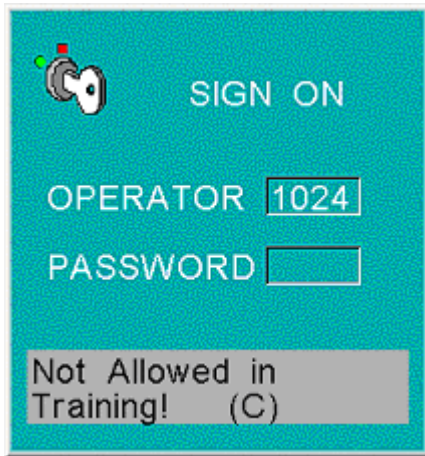
The screenshot shows the 'Cashier Maintenance' window with the following details:

- Cashier Number: 995
- Name: Training Mode Cashier
- General Settings | Link Cashier to Checkout Bank
- Type: Trainee operator
- Address: [Empty]
- Telephone: [Empty]
- Birth Date: MM/DD/YYYY
- Start Date: 03/26/2004
- Remarks: [Empty]
- Cashier Privileges:
 - SALES Mode:
 - 1
 - 2
 - 3
 - 4
 - Do not allow sign on in sales mode
 - 5
 - 6
 - 7
 - 8
 - TRAINING Mode:
 - 1
 - 2
 - 3
 - 4
 - 5
 - 6
 - 7
 - 8
 - Do not allow sign on in training mode

Two callout boxes labeled 'Prohibit Sales Mode Flag' point to the 'Do not allow sign on in sales mode' checkbox and the 'Do not allow sign on in training mode' checkbox, respectively.

| Field | Description |
|---------------------------------------|--|
| Do not allow sign on in sales mode | Check is this flag to prohibit this cashier to sign on in sales mode. |
| Do not allow sign on in training mode | Check is this flag to prohibit this cashier to sign on in training mode. |

While in Training Mode, if a cashier has the flag “Do not Allow Sign On in Training Mode” enabled, any attempt to sign on will result in the following screen message:



Likewise in Sales Mode, if a cashier has the flag "Do not Allow Sign On in Sales Mode" enabled, any attempt to sign on will result in the following screen message:



2233 – Canadian Weights and Measures Manual Weighing Support

ISS45 now adheres to the Canadian Weights and Measures requirement that the weight of manually weighed items (that have a zero price or a manual price flag enabled) is read only at the time the price is entered. This eliminates the possibility the weight on the scale could change between the time the department and price is requested and the time the cashier hits the Enter key after price entry.

New Parameter

To implement this new feature the following new parameter has been established.

| Parameter | Explanation |
|---|--|
| Verify weight changes at last keystroke | This parameter will verify the weight from the scale on a manual price weighted item on the last keystroke of the transaction. |

The General System Parameter is located in the Store \ Post \ General folder.

2232 – Canadian Weight and Measures Receipt Layout Requirement

ISS45 also adheres to the Canadian Weights and Measures requirements for displaying the computed price of a weighed item on the customers receipt. These require the computed price of an item to display as follows:

| Requirement (by order) | Comment / Example |
|------------------------|---|
| Net Weight | e.g. 0.305, or 1.250 |
| space | At least one space |
| kg or lb | Must be lower case |
| space | At least one space |
| @ | At sign |
| space | At least one space |
| \$price per | \$ is mandatory, no space allowed between \$ and digits. e.g. \$12.45 |
| / | No space required between \$ price and / |
| kg or lb | No space required between / and kg or lb |
| space | At least one space |
| \$net price | \$ required if there is only one space above, not required if at least two spaces above |

Note:

No parameter change is required. Receipt Formatting will occur automatically.

1662 – Vendor Coupon Modifier

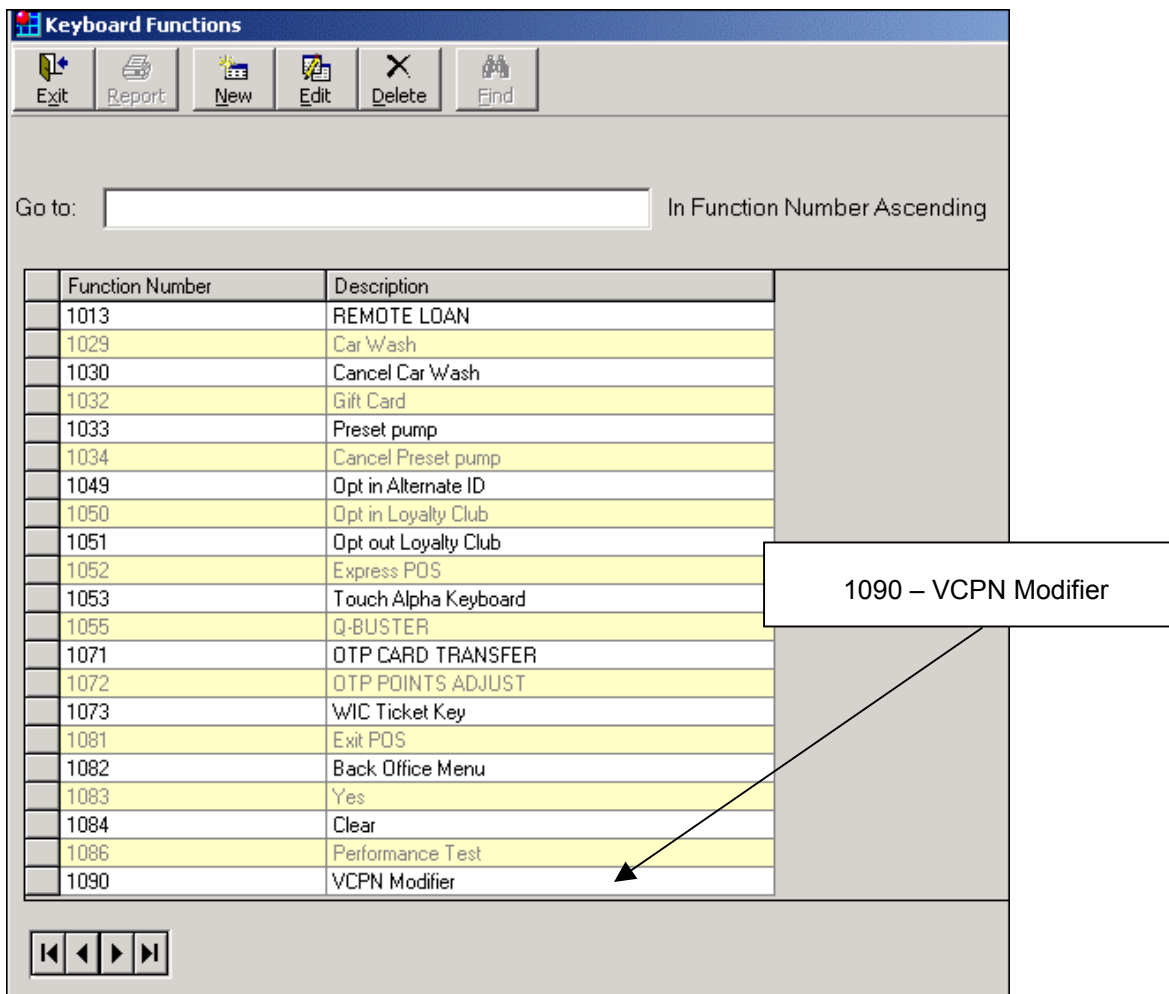
ISS45 now has the ability to modify a vendor coupon at the POS to apply toward a non-food stamp item. A new Vendor Coupon Modifier key will permit the vendor coupon to be switched from a food stamp item to a non-food stamp item.

ISS45 will execute the following logic when scanning a vendor coupon after the new Vendor Coupon Modifier key is used:

- The POS checks for non food stamp items that qualify to be linked to the Vendor Coupon
- If there are only food stamp items that qualify, the POS will link the coupon to the least expensive item, as if the POS was not in the Vendor Coupon Modifier Mode
- If there is one non-food stamp item that qualifies, the POS will link the coupon to this item first, even if there is a qualifying food stamp item with a smaller value.
- If there is more than one non-food stamp item that qualifies, the POS will link the coupon to the least expensive non food stamp item first.

New POS Keyboard Function Code

To accommodate this enhancement, function code 1090 – VCPN Modifier has been added to the list of available Keyboard Functions (in the \ POS Setup \ POS Keyboards folder under System Administration).



- **Once is new Vendor Coupon Modifier is enabled on the POS keyboard, use the following steps to modify a Vendor Coupon:**
- 1 Enter a transaction at the POS.
 - 2 Select the Vendor Coupon Modifier function key.
"VCPN Mod" text displays on the cashier display.
 - 3 Scan the Vendor Coupon.
ISS45 follows the processing logic defined above to apply the coupon first against a qualifying non-food stamp item.

Other Enhancements

The following ISS45 8.0.8.0-0030 program enhancements have been made internally and are explained briefly below.

- 893 – The FrontOffice database maintains SQL views that extract data from the database to the client. The following views have been modified to include cashier and lane declarations:
 - vwOperatorLaneIssuesPickup
 - vwOperatorLaneIssuesPickupCurrent
 - vwOperatorLaneIssuesPickupPrev
 - vwOperatorLaneIssuesPickupOld

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