POP Discount

Feature Reference

Date: December 05, 2022

Verifone®

POP Discount

Using This Feature Reference

This Feature Reference provides detailed information on how to configure and use the POP Discount feature on Verifone Commander.

- **Overview** - This section contains a brief description, requirements and the supported hardware configurations for the POP Discount feature.
- **Using** - This section describes how to use the POP Discount feature.
- **Configuring** - This section contains information on how to configure the POP Discount feature.
- **Reporting** - This section contains a sample report with a detailed report description for the POP Discount feature.

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Revision History

Date	Description
05/10/2016	Format Update.
05/23/2016	Added Commander section and updated Sapphire.
09/15/2016	Format Update.
12/07/2016	Updated Format.
06/20/2018	Updated POP Discount Config screenshot and added an Auto Generate POP Discount Codes section.
11/11/2022	Added note in overview to inform POP codes do not adhere to the limits configured. Cleaned up the document.

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GLOSSARY OF TERMS

The following terms and definitions will assist the reader with understanding the content of the Feature Reference.

Terms	Definitions
Alternate POP Configuration	POP discount based on the fuel prices.
DCR	Dispenser Card Reader.
Basic Mode	POP Discount Mode where a qualifier must occur in the same transaction as the fuel sale.
Basic + Codes Mode	POP Discount Mode which allows a qualifying transaction and the purchase of discounted fuel to be in separate transactions.
Basic + Membership Mode	POP Discount Mode, requiring affiliate membership, and which discounts the price of the fuel when it is purchased or generates coupons redeemable for merchandise.
Def #	Definition Number is the same as the Definition ID. The Def# is assigned to individual POP Discounts and cannot be edited.
FEP	Front End Processor.
MOP	Method of Payment.
Gilbarco	Pump manufacturer; also refers to a branded dispenser or a DCR manufactured by Marconi, formerly Gilbarco.
POP	Point of Purchase.
POP Discount	Allows fuel to be sold at discounted prices on a transaction- by-transaction basis.

Terms	Definitions
POP Code	Defined as an encoded "random" numerical value which is stored in memory on the POS. The code is created and is valid for a configured amount of time to be used by the customer, usually 30 days or less. The POP Code is given during the time of a sale in which a particular transaction qualifies for a future POP award which can be redeemed upon the next customer visit. When the customer returns at a later visit, they present this unique code to the cashier (or at the DCR), and based on the code, a PPG or ticket level discount is given on that particular sale.
POS System	Includes the POS (Point of Sale) terminals, site controller and the Electronic Payment System (EPS).
PLU	Price Look Up codes are product identification numbers used to make check-out and inventory control easier, faster, and more accurate.
PPG	Price Per Gallon
PPU	Price Per Unit
Qualifiers	Criteria to qualify the transaction.
Schlumberger	The world's largest oilfield services company.
Stacking	Process which allows a subsequent fuel sale at the same fueling point where another sale remains uncollected.
Standard POP Configuration	POP discount based on the fuel discount table.
Street Price	The Non-Discounted Standard Price of a given Fuel Product at the pump.
Tokhiem	The world's largest independent designer, manufacturer and servicer of electronic and mechanical petroleum marketing systems.

1 OVERVIEW

Feature Description

The POP Discount Feature Reference provides an overview of Point of Purchase (POP) Discounts, as well as how to configure POP Discounts for the site.

The POP Discount feature is a type of automated discount that offers fuel at a discounted price, on a transaction-by-transaction basis, based on certain qualifying characteristics in a transaction.

POP codes do not adhere to the limits configured. Limits are only applied when the pop discount is triggered in a transaction.

Understanding POP Discount

POP Discount fuel accommodates up to six options to set up requirements for a qualifying transaction, and assigns the discount that applies. It allows a customer to make a qualifying purchase and apply the discount to a subsequent fuel purchase up to 30 days later.

Additionally, coupons can be printed based on a minimum fuel purchase in order to promote inside sales purchases; these coupons print at the DCR and inside at the POS.

Different Types of Discounts

The site must establish how the POP Discount feature is to function. There are two types of configurations to use based on the pump type: Standard and Alternate.

- Standard Configuration - based on the fuel discount table.
  - Allows up to 25 transaction qualifiers to earn a POP Discount.
  - Allows up to 25 POP fuel definitions that define the discount amount.
  - Allows up to nine grades of fuel for each POP fuel definition which defines the discount amount.
- Alternate Configuration - based on the fuel prices.
  - Allows one POP Discount price for each grade and type of fuel.

- Allows a discounted price using the cents difference setup in the Cash/Credit pricing parameters.
- Allows POP Discounts or Cash/Credit Pricing to be used at any time, but not both together.

Once a determination has been made of which configuration type to use, transaction requirements can be set for awarding discounts.

Transaction requirements can be configured in the following six ways:

- The purchase of a defined quantity of a specific PLU item.
- The payment with a specific credit card type.
- Payment with a specific MOP.
- Scanning or swiping of a membership card during the transaction.
- The purchase of a minimum transaction total.
- The purchase of a minimum amount and/or quantity (volume) from a specific department.

When a purchase qualifies for a POP discount, but does not include a fuel purchase of a specified grade, the POS can issue a POP code available for a fuel discount on a future purchase.

The customer is provided with a receipt showing the POP code, the discount amount, and the expiration date.

The customer is provided with a receipt showing the POP code, the discount amount, and the expiration date.

Stacking

The system allows a Loyalty and POP Discount within the same transaction (i.e., more than one discount if the transaction is eligible.)

The system can stack up to three POP Discounts in a single transaction, one discount per category.

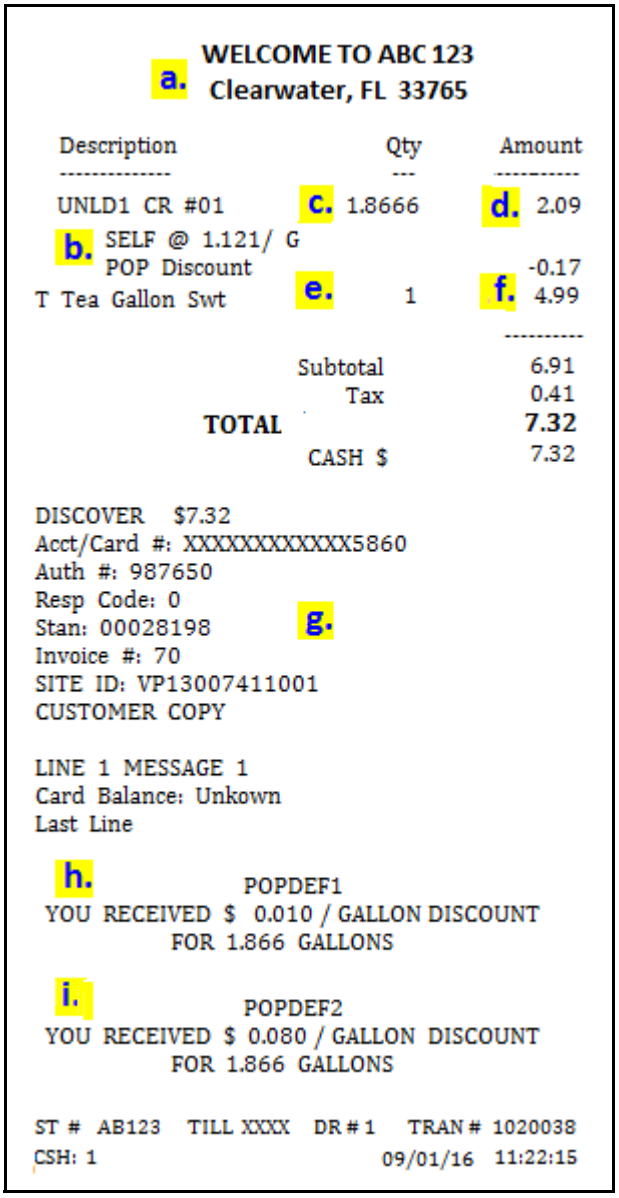
The three categories of stacking are:

1. Item Based
    a. PLU Purchase
    b. Minimum Purchase (entire transaction)
    c. Minimum Purchase of Department
2. Payment Based
    a. Method of Payment
    b. Card Type
3. Code or Membership Based

To prevent multiple discounts for the same purchase, there is no overlapping of stacking within a category.

Stacking Steps

1. Touch the **[Pump Number]**.
2. Select a **<fuel>**.
3. Select a **<PLU>** (sales qualifier).
4. The receipt prints:
   a. receipt header
   b. fuel transaction description
   c. fuel quantity dispensed
   d. fuel transaction amount
   e. discount qualifier product
   f. pop discount
   g. credit card information
   h. POPDEF1
   i. POPDEF2



Hardware Requirements

Supported Hardware Configuration

- Verofone Commander with Topaz/Ruby2/C18
- Commander Site Controller with Ruby2
- RubyCi with Topaz/Ruby2

Pump Dispenser Requirements

Pump Manufacturer	Standard Pop Configuration	Alternate POP Configuration
Bennett	• Horizon 1, v6.25 with 515 • Horizon 2, v2.15 with 515 • 515 interface box v5.07	Not Supported
Gilbarco	PAM v32.1.60 (or higher)	• PAM v31.1 • Settings: – CPU Board Jumper: JP7=A – Command Code 12 – Function code 4 (PPU Options) – Selection (2) Level 2 Price Bar displays Level 1 price
Schlumberger, Series 4000	Not Supported	Must have 2 PPUs
Schlumberger, Centurion	Not Supported	Not Supported
Tokhiem	• DHC v6.17 • VXDHC v4200.03.09 • Settings: – Mode F23 Dispenser operation set to 1P	• DHC v6.17 • VXDHC v4200.03.09 • Settings: – Mode F23 Dispenser operation set to 2P
Wayne	HyperPIB 54000	• HyperPIB 54000 • CPU 49.37 PIB 39000 or • CPU 49.29 PIB 38000 • Settings: – Decade Mode 33 Submode 2 set to 1 – Duplex Option 07 (Unit Prices per Grade) • One PPU set to 01 • Two PPU set to 02 • Scanner Settings: – Fixed Length Scanner must be set to NO (OCRT Configuration

2 CONFIGURING POP DISCOUNT

Advanced Preparation

The following determinations need to be made prior to POP Discount configuration:

1. Select the POP Discount Mode.

Discount Mode	Description	Attribute
Basic	Discounts fuel when purchased or generates coupons.	A qualifier must occur in the same transaction as the fuel sale.
Basic + Codes	Combines basic features with the ability to award codes for future purchases, if the appropriate grade is not included in the transaction.	Allows a qualifying transaction and the purchase of discounted fuel to be in separate transactions.
The code generated is only valid at the site where it was earned.		
Basic + Membership	Combines basic features with the ability to scan a membership card.	Membership is included in the same transaction as the fuel sale.

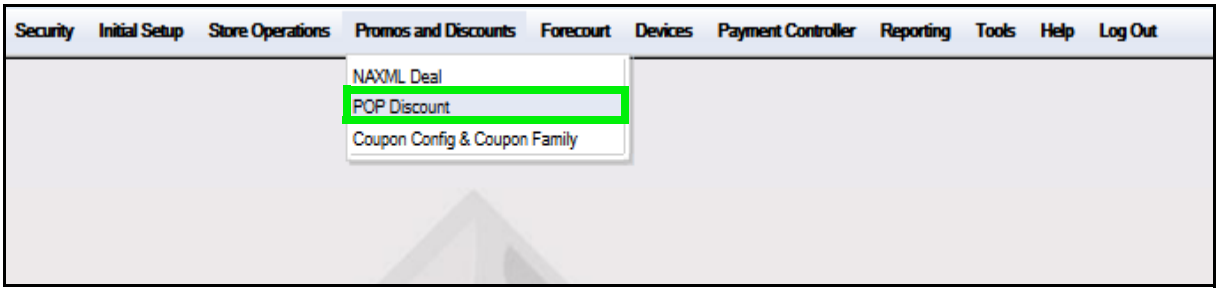
2. Choose the types of POP Discounts to set up.

POP Discount Types
1. PLU Purchase
2. Use of a MOP
3. Use of a Specific Card
4. Purchase based on a Minimum Amount
5. Purchase based on a Specific Department
6. Use of a Membership Card

Configuring with Commander Configuration Client

To apply new settings or any changes made by the Commander Configuration Client, go to: Configuration Client > Tools > Refresh Configuration.

From the Configuration Client, go to: Promos and Discounts > POP Discount.



Site Params

From the POP Discount Configuration form, select the **[Site Params]** tab

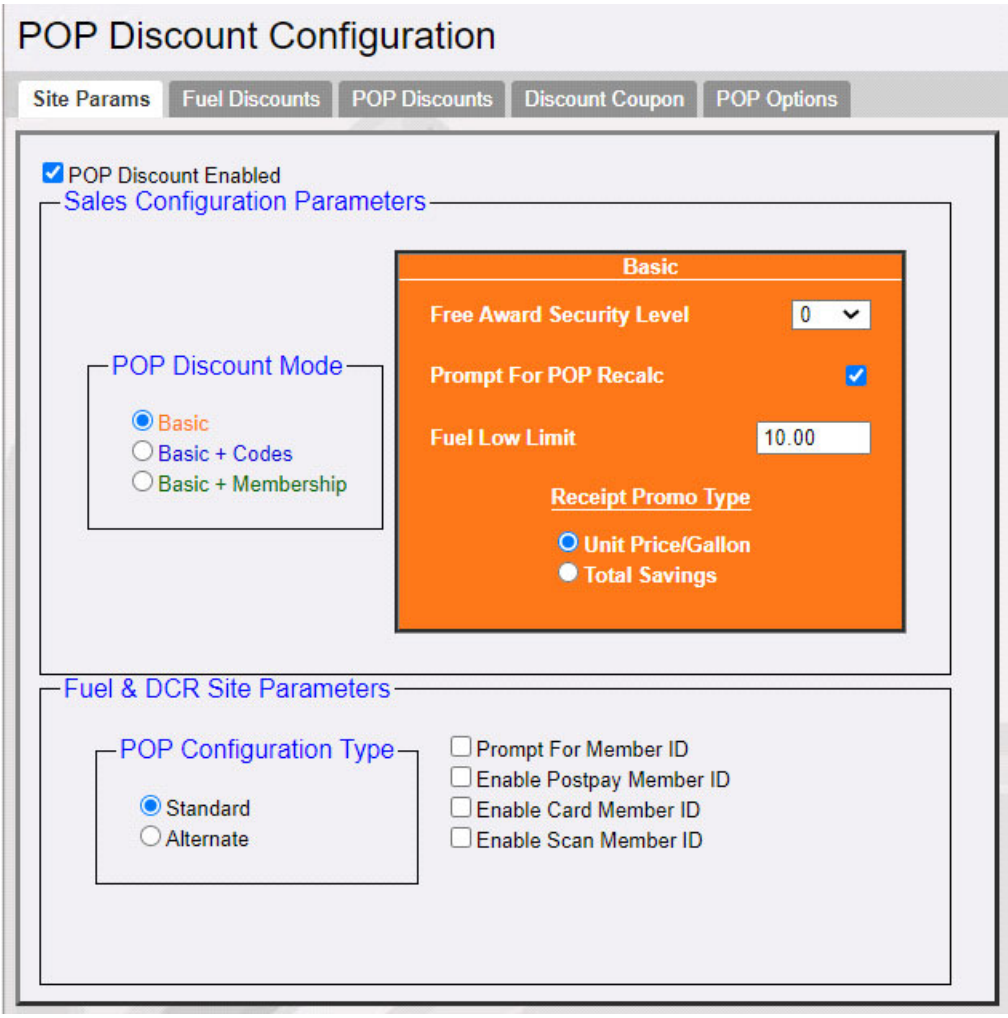
NOTE

When the POP Discount Enabled checkbox is selected, the tabs become active to allow the configuration of POP Discounts. If the checkbox is not selected, the POP Discount feature remains disabled.

Basic POP Discount Mode

The Basic POP Discount Mode discounts the price of the fuel when it is purchased or generates coupons redeemable for merchandise discounts.

1. From the POP Discount Configuration, select the **[Site Params]** tab.

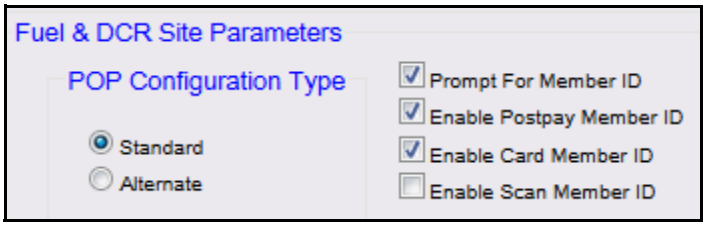


2. Configure the Basic parameters.

Value	Description
Basic	Initiates the Basic POP Discount Mode.
POP Discount Enabled	Enables the POP Discount feature.
Free Award Security Level	Sets the security level needed to award a free POP Discount coupon **<0 - 9>.**

Value	Description
Prompt For POP Recalc	Prompt for POP Recalc is ONLY applicable for Ruby and Sapphire. It alerts the cashier that the total is adjusting as the POP Discount is applied to a Post-Pay fuel sale.
Fuel Low Limit	Sets the lowest possible value that can be used for the POP Fuel Limit setting on each POP record **<$0.00** to **$99.99>.** Low Limit is ONLY applicable to PLU and Minimum Department Purchase discounts.
Receipt Promo Type	Sets the Receipt Promo Type. • **Unit Price/Gallon:** Prints the discount on the receipt as savings in cents-per-gallon (by volume). • **Total Savings:** Prints the discount on the receipt as total savings (by amount).

3. Configure the Fuel & DCR Site Parameters.



Value	Description
Fuel & DCR Site Parameters	
POP Configuration Type	Sets the POP Configuration Type **<Standard** or **Alternate>**.
Prompt For Member ID	Allows the site to prompt for a membership card, with both inside and outside sales.
Enable Postpay Member ID	Allows the customer to scan a membership card and receive a fuel discount at the DCR and inside.
Enable Card Member ID	Allows mag-stripe cards to be accepted both inside and at the DCR.
Enable Scan Member ID	Allows bar-coded cards to be accepted inside and at the DCRs.

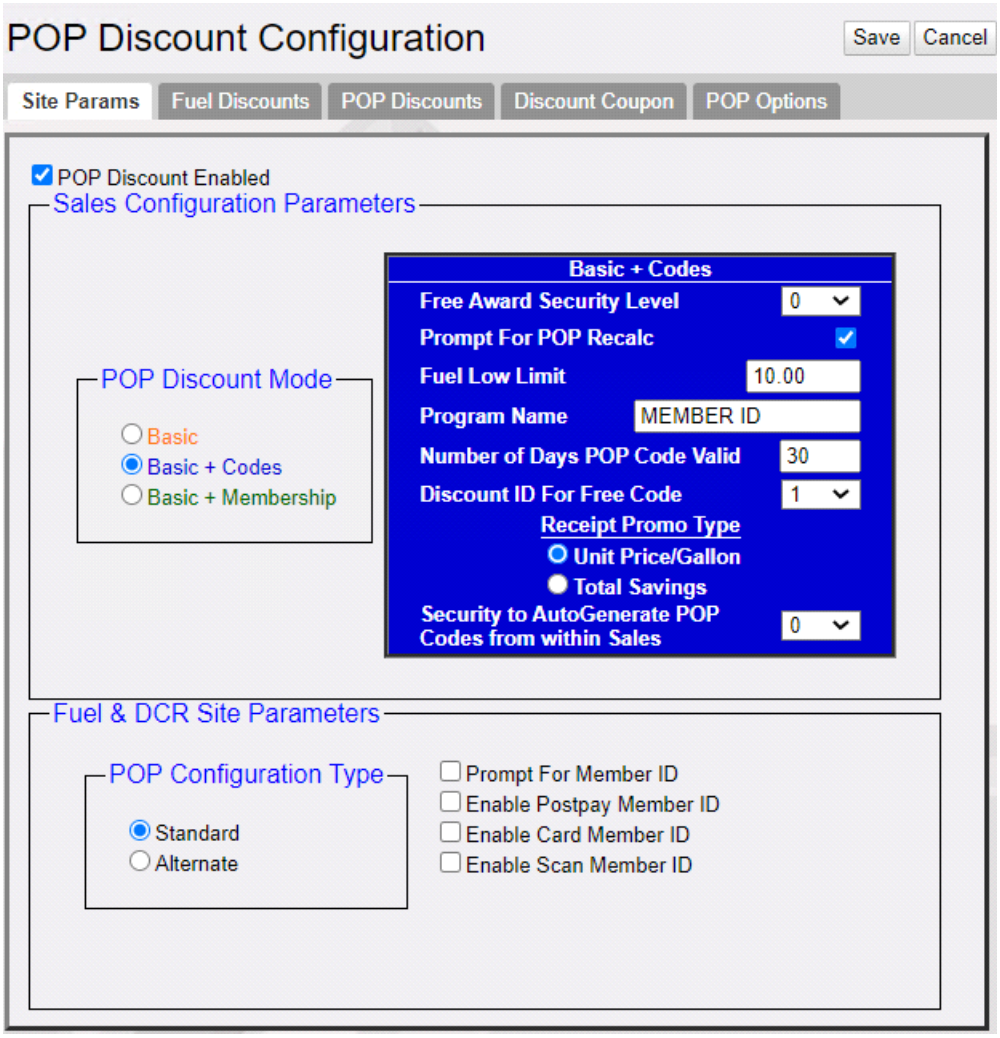
Value	Description
	If both Enable Card Member ID and Enable Scan Member ID are selected, two POP Discount definitions are required: one for swiping cards, one for scanning cards.

4. Select **[Save]** to accept, or **[Cancel]** to exit without saving changes.

Basic + Codes POP Discount Mode

Basic + Codes POP Discount Mode discounts the price of the fuel when it is purchased or generates coupons redeemable for merchandise.

1. From POP Discount Configuration, select the **[Site Params]** tab.

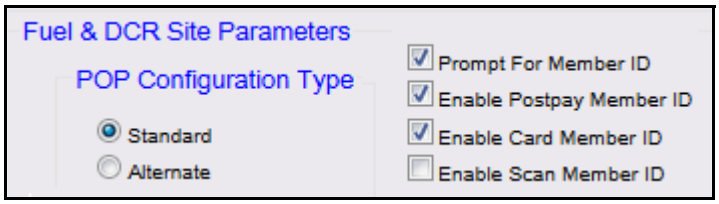


2. Configure the Basic + Codes parameters.

Value	Description
Basic + Codes	Initiates the Basic + Codes POP Discount Mode.
POP Discount Enabled	Enables the POP Discount feature.
Free Award Security Level	Assigns a security level needed to award a free POP Discount coupon **<0 - 9>.**
Prompt For POP Recalc	Prompt for POP Recalc is ONLY applicable for Ruby and Sapphire. It alerts the cashier that the total is adjusting as the POP Discount is applied to a Post-Pay fuel sale.

Value	Description
Fuel Low Limit	Sets the lowest possible value that can be used for the POP Fuel Limit setting on each POP record **<$0.00** to **$99.99>.** Low Limit is ONLY applicable to PLU and Minimum Department Purchase discounts.
Program Name	Determines a program name **<1** to **15 characters>.**
# of Days POP Code Valid	Sets the number of days a POP Code is valid.
Discount ID For Free Code	Sets the free code **<1-20>.**
Receipt Promo Type	Sets the Receipt Promo Type. • **Unit Price/Gallon:** Prints the discount on the receipt as savings in cents-per-gallon (by volume). • **Total Savings:** Prints the discount on the receipt as total savings (by amount).
Security to AutoGenerate POP Codes from within Sales	Sets the security level needed to AutoGenerate POP Discount codes **<0 - 9>.**

3. Configure the Fuel & DCR Site Parameters.



Value	Description
Fuel & DCR Site Parameters	
POP Configuration Type	Sets the POP Configuration Type **<Standard** or **Alternate>**.
Prompt For Member ID	Allows the site to prompt for a membership card, with both inside and outside sales.
Enable Postpay Member ID	Allows the customer to scan a membership card and receive a fuel discount at the DCR and inside.
Enable Card Member ID	Allows mag-stripe cards to be accepted inside and at the DCR.
Enable Scan Member ID	Allows bar-coded cards to be accepted inside and at the DCRs.

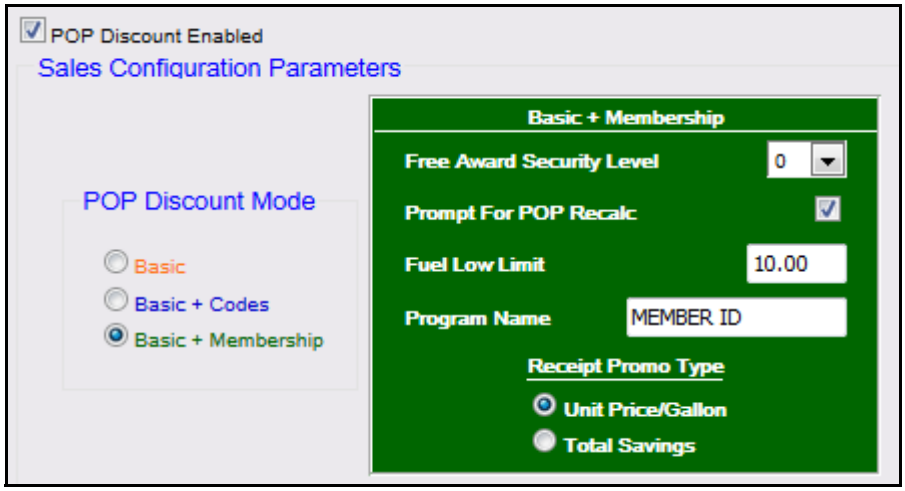
Value	Description
	If both Enable Card and Scan Member ID are selected, two POP Discount definitions are required: one for swiping cards, one for scanning cards.

4. Select **[Save]** to accept, or **[Cancel]** to exit without saving changes.

Basic + Membership POP Discount Mode

Basic + Membership POP Discount Mode discounts the price of the fuel when it is purchased or generates coupons redeemable for merchandise.

1. From the POP Discount Configuration, select the **[Site Params]** tab.

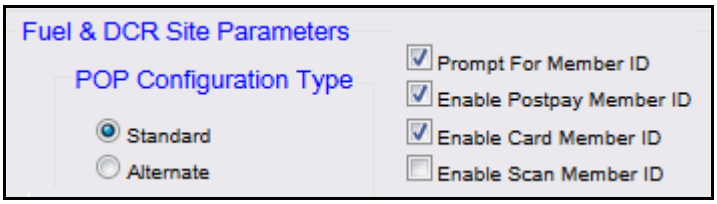


2. Configure the Basic + Membership POP Discount Mode window.

Value	Description
Basic + Membership	Initiates the Basic + Membership POP Discount Mode.
POP Discount Enabled	Enables POP Discount at the site.
Free Award Security Level	Assigns a security level needed to award a free POP Discount coupon **<0 - 9>.**
Prompt For POP Recalc	Prompt for POP Recalc is ONLY applicable for Ruby and Sapphire. It alerts the cashier that the total is adjusting as the POP Discount is applied to a Post-Pay fuel sale.
Fuel Low Limit	Sets the lowest possible value that can be used for the POP Fuel Limit setting on each POP record **<$0.00** to **$99.99>**. *Low Limit is ONLY applicable to PLU and Minimum Department Purchase discounts.*

Value	Description
Program Name	Determines a program name **<1** to **15 characters>.**
Receipt Promo Type	Sets the Receipt Promo Type **<Unit Price/Gallon** or **Total Savings>.** • **Unit Price/Gallon:** Prints the discount on the receipt as savings in cents-per-gallon (by volume). • **Total Savings:** Prints the discount on the receipt as total savings (by amount).

3. Configure the Fuel & DCR Site Parameters.



Value	Description
Fuel & DCR Site Parameters	
POP Configuration Type	Sets the POP Configuration Type **<Standard** or **Alternate>.**
Prompt For Member ID	Allows the site to prompt for a membership card, with both inside and outside sales.
Enable Postpay Member ID	Allows the customer to scan a membership card and receive a fuel discount at the DCR and inside.
Enable Card Member ID	Allows mag-stripe cards to be accepted both inside and at the DCR.
Enable Scan Member ID	Allows bar-coded cards to be accepted inside and at the DCRs.
NOTE *If both Enable Card and Scan Member ID are selected, two POP Discount definitions are required: one for swiping cards, one for scanning cards.*	

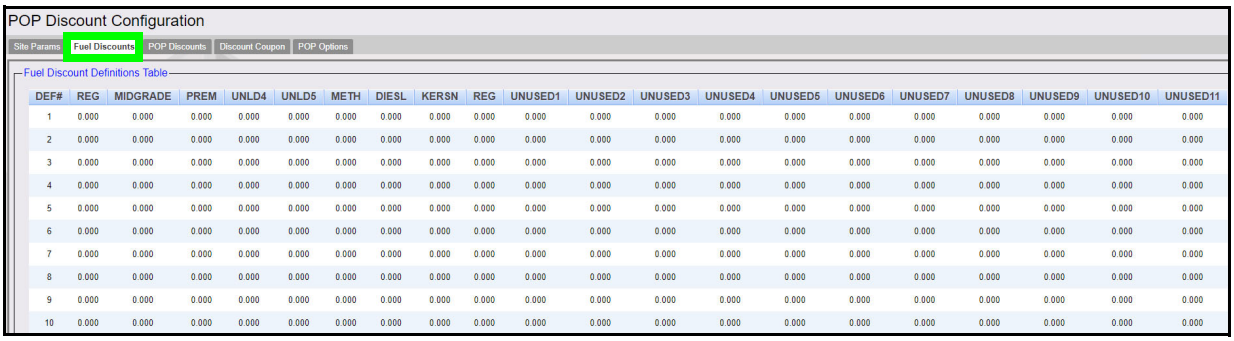
4. Select **[Save]** to accept, or **[Cancel]** to exit without saving changes.

Fuel Discounts Tab

Standard Configuration

Standard configuration allows up to 10 transaction qualifiers to be defined to earn a POP discount. For each definition, up to twenty grades of fuel can be assigned a discount amount off the price per gallon (from 0-99.9 cents a gallon). The Fuel Discount table can have up to 25 definitions. Each group designates a discount amount for each fuel grade and the amount can be zero.

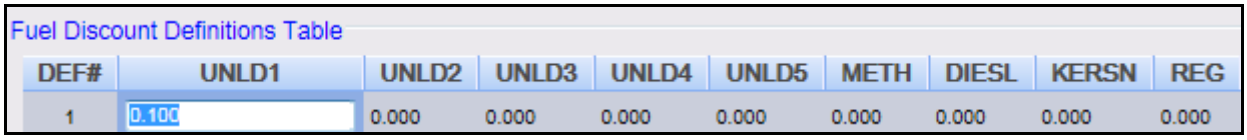
1. From the POP Discount Configuration menu, select the **[Fuel Discounts]** tab.



2. Select the **<DEF#1>** value and double click on the **[UNLD]**.

Value	Description
Fuel Discount Definitions	
DEF#	The Definition ID, which is assigned to individual POP Discount and cannot be edited.
Grade Columns	Displays up to twenty fuel products. Only products previously assigned to a hose are available for pricing.

3. Enter the new **[Discount]** value <**01** - **20**> for that fuel grade, then double click on the next fuel grade.



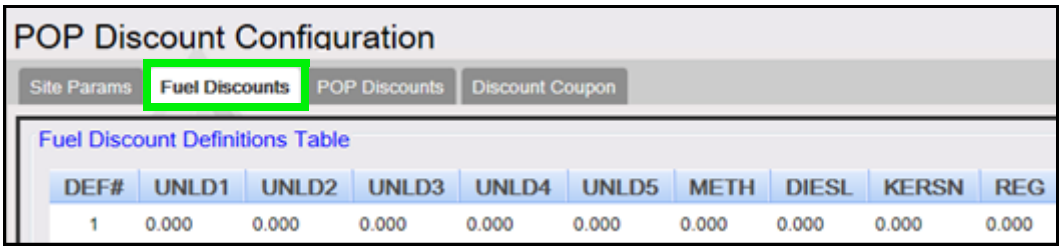
4. Repeat the steps to define up to 25 fuel discounts for up to nine grades of fuel.
5. Select **[Save]** to accept, or **[Cancel]** to exit without saving changes.
6. To apply new settings, go to: Configuration Client > Tools > Refresh Configuration.

Alternate Configuration

Alternate configuration is supported at all sites except those with Bennett dispensers. It is employed by sites encountering performance degradation issues with standard configuration. Alternate allows one POP Discount price for each grade, a discounted price using the cents difference setup in the Cash/Credit pricing parameters, and lastly, allows POP Discounts or Cash/Credit Pricing to be used at any time, but not both together.

Alternate configuration must be used for Gilbarco sites still running PAM version 31.1.

1. From POP Discount Configuration, select the **[Fuel Discounts]** tab.



2. Select the value **<DEF#1>** and double click on the **[UNLD1]**.

Value	Description
Fuel Discount Definitions	
DEF#	The Definition ID, which is assigned to individual POP Discount and cannot be edited.
Grade Columns	Displays up to nine fuel products. Only products previously assigned to a hose are available for pricing.

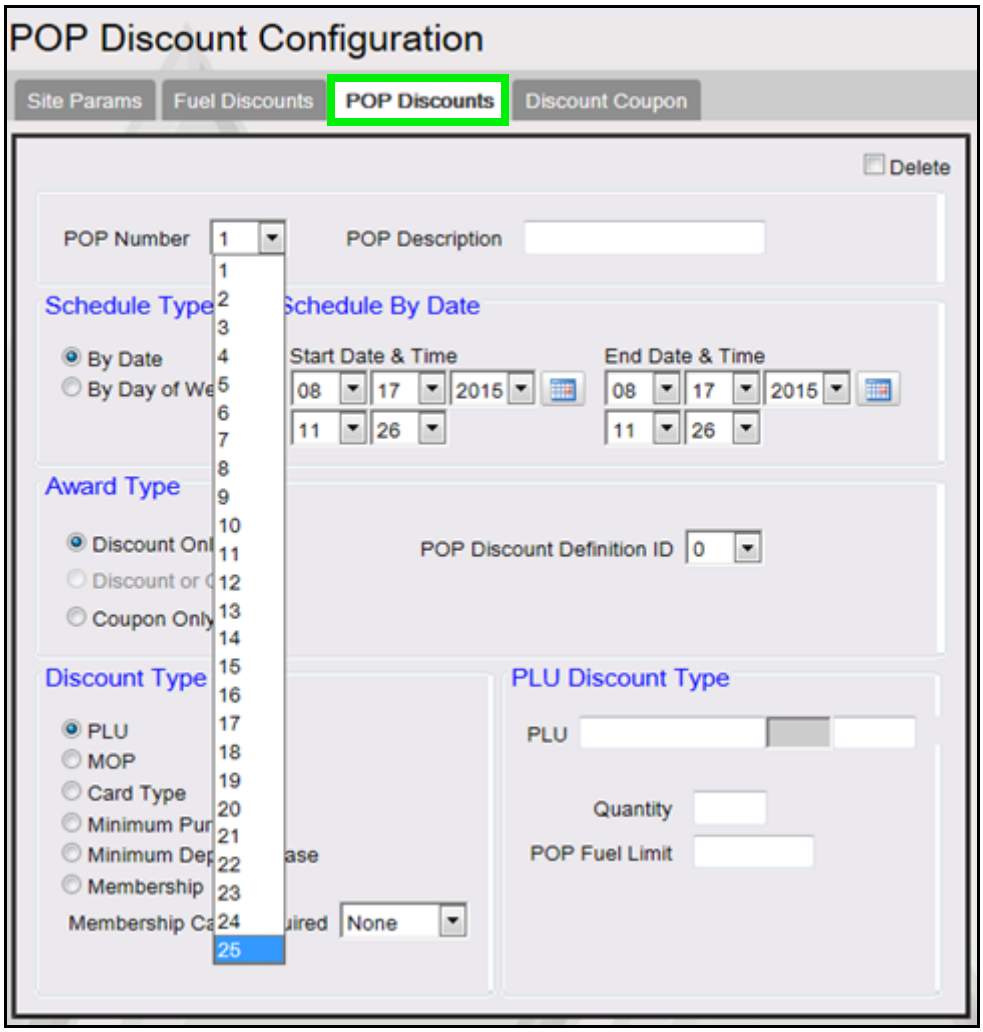
3. Enter the new **[Discount]** value <**01 - 20**> for that fuel grade, then double click on the next fuel grade.

4. Repeat the steps to define up to 25 fuel discounts for up to nine grades of fuel.
5. Select **[Save]** to accept, or **[Cancel]** to exit without saving changes.
6. To apply new settings, go to: Configuration Client > Tools > Refresh Configuration.

POP Discounts Tab

The POP Discounts form is used to define the POP Discount record.

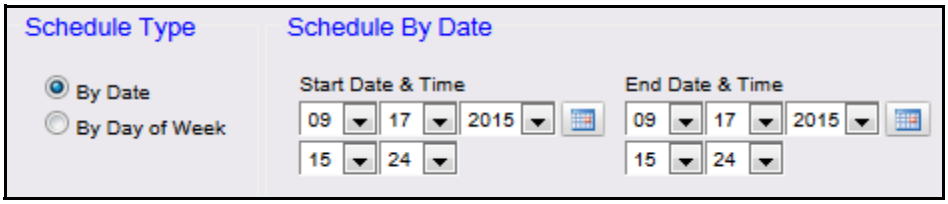
1. From POP Discount Configuration, select the **[POP Discounts]** tab.



2. Configure the POP Number and Description.

Value	Description
POP Discount	
POP Number	Defines a number for up to ten POP Records **<1 - 25>.**
POP Description	Defines the POP Discount name **<1 - 16 characters>.**

3. Configure the Schedule Type and Date parameters.



Value	Description
By Date	Period of time the POP Discount is active.
Start Date	Date the POP Discount will begin **<mm/dd/yyyy>**.
Start Time	Time the POP Discount will begin **<24 hour format>**.
End Date	Last day the POP Discount is active **<mm/dd/yyyy>**.
End Time	Last time the POP Discount is active **<24 hour format>**.
By Day of Week	Defines the weekday the POP Discount is active.
Schedule By Day of Week	Sets each weekday the POP Discount is active. Weekday options are Sunday to Saturday **<S M T W T F S>**.

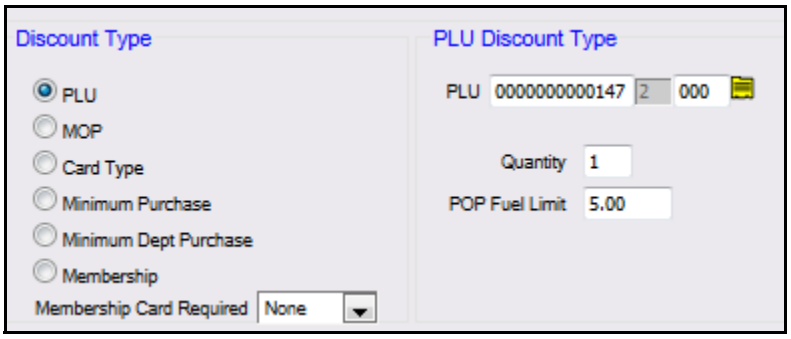
4. Configure an **[Award Type]** parameter.

Value	Description
Award Type	
Discount Only	Sets a fuel only POP discount and is available to all sites.
NOTE *When selected, the **[POP Discount Definition ID]** activates to select a DEF# **<1 - 25>**.*	
Discount or Code	Sets the option to issue a discount or a code that can be used another day.
NOTE *Only available for sites designated as Basic+Codes.*	
Coupon Only	Establishes a discount by coupon only. Only available for sites designated as Basic and Basic+Codes.
POP Discount Definition ID	Determines the POP Definition ID **<1 - 25>**.
NOTE *The POP discount Definition ID box is disabled if Coupon Only is selected or if Alternate dispenser type was chosen in Site Parameters.*	

5. Configure the Discount Type parameters.

NOTE *When the Discount Type is selected, the corresponding Discount Type parameters display.*

5.A. Discount Type - PLU: Based on specific PLU purchases (e.g., buy a Deluxe Car Wash and get a five cents-per-gallon discount on a Premium fuel purchase), but PLUs with a fee/ charge and used in a promotion can be utilized.

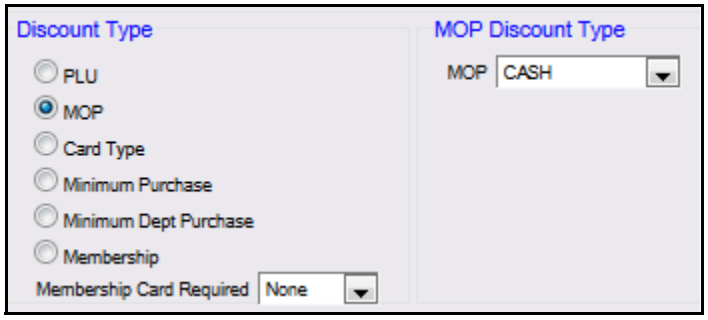


Value	Description
PLU	Product that must be purchased to qualify for the discount.

Do NOT use PLUs assigned to a negative department.

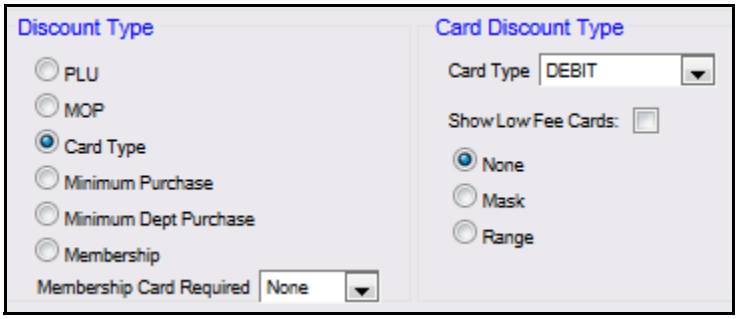
Modifier	If the PLU is valid a yellow index card icon appears.
Quantity	Quantity of the PLU needed for the discount **<0 - 999>.**
POP Fuel Limit	Volume limit for the fuel that is subject to a POP Discount **<0 - 999>.** POP Fuel Limit may NOT be lower than the limit set in Fuel Low Limit.
Membership Card Required	Indicates if a card is required for the PLU Discount Type.

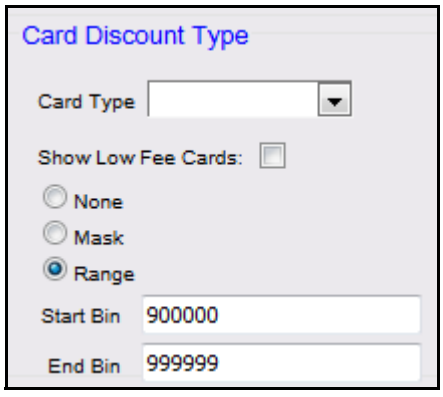
5.B. Discount Type - MOP: Based on a specific payment method (e.g., pay with cash and receive a discount on select fuel products).



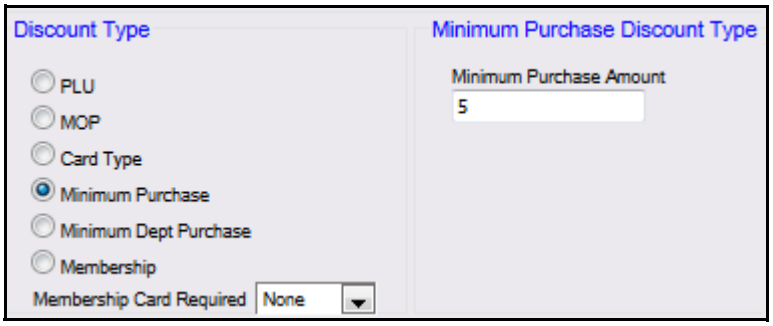
Value	Description
MOP	Payment that must be used to qualify for a discount.
Membership Card Required	Indicates if a card is required for the MOP Discount Type.

5.C. Discount Type - Card Type: Based on a specific credit card type used in the transaction (e.g., use XYZ credit card and get a two cents-per-gallon discount on any fuel purchase). If the card type matches the range, the payment qualifies for a discount.



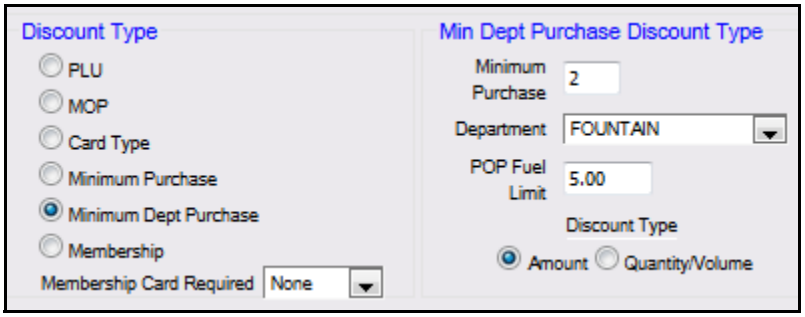
Value	Description
Card Type	Card Type allowed to qualify for a discount.
Show Low Fee Cards	Allows the display of low fee cards**.**
None	POP by BIN is not required.
NOTE *Bin is a pre-defined block or pattern set of numbers which identify a card (e.g., Discover is 6011, Mastercard 5178, etc).*	
Mask	POP by BIN reward is according to the Mask offered. Enter up to **<6 digits>**, beginning with the first digit. Masking is when the range attempts to find the card match.
Range	POP by BIN reward is according to the Range offered. Enter up to **<6 digits>** for the Start BIN range and End BIN range. Enter the lowest and highest digits to include all of the customers to be rewarded. The range is a pattern which helps identify a group of cards within a defined block of cards (i.e., Visa cards, Discover, Dinner's Club, etc). 
Membership Card Required	Indicates if a card is required for the Card Type Discount Type.

5.D. Discount Type - Minimum Purchase: Based on spending a specific amount during a certain period (e.g., spend $20.00 in May and get three cents-per-gallon off on premium fuel or two cents-per-gallon off all other fuel grades).



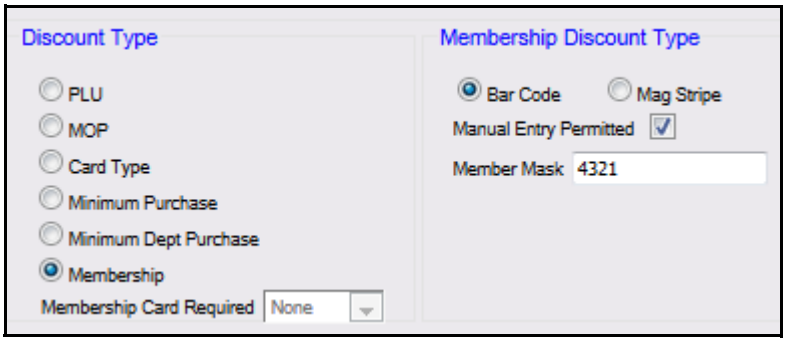
Value	Description
Minimum Purchase	
Minimum Purchase Amount	Value that must be spent to qualify for a discount **<$0 - $999>.**
Membership Card Required	Indicates if a card is required for the MOP Discount Type.

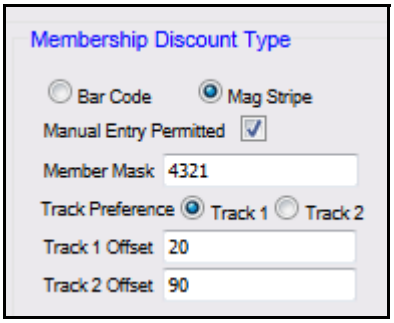
5.E. Discount Type - Minimum Dept Purchase: Based on spending a minimum amount in a specific department (e.g., spend $10.00 in the grocery department and get two cents-per-gallon off on premium fuel or one cent-per-gallon off all other fuel grades). Discount applies to the net price.



Value	Description
Minimum Dept Purchase	
Minimum Purchase Amount	Value needed to qualify for a discount **<$0 - $999>.**
Department	Department from which the purchase is required.
POP Fuel Limit	Volume limit of the fuel that is subject to a discount **<0 - 999>.** POP Fuel Limit may NOT be lower than the limit set in Fuel Low Limit.
Discount Type	Applies the minimum **<Amount or Quantity/Volume>.**

5.F. Discount Type - Membership: Based on using a scannable/ swipeable POP Discount membership card (e.g., use a membership card and get five cents-per-gallon off on any fuel purchase).



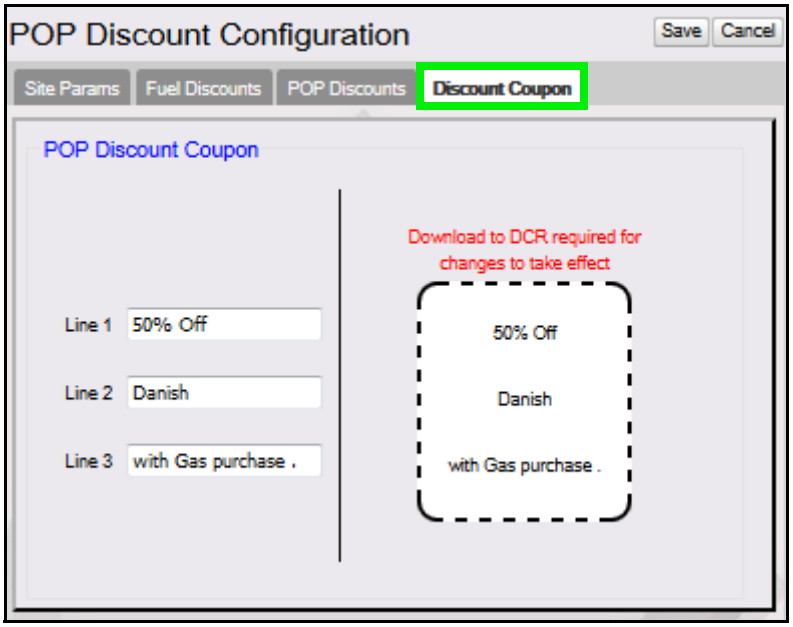
Value	Description
Bar Code	Indicates the membership card has a Bar Code that can be scanned.
Manual Entry Permitted	Allows the cashier to enter a barcode or mag-stripe code manually. This parameter doesn't apply to DCR initiated transactions.
NOTE *The membership Discount Type option is only available if POP Discount Mode [Basic + Membership] is selected in the Site Parameters tab.*	
Member Mask	Data received from the scan or swipe of the membership card **<3 or 4-digit (UPC)>** using asterisks to indicate accepted characters.
Mag Stripe	Indicates that the membership card has a Magnetic Stripe that can be swiped.
Track Preference	Determines whether the membership data is on **<Track 1 or Track 2>** of the magnetic stripe. Value to offset the number of digits skipped before mag-stripe card track digits are read **<1 - 99>**. Consult the specific card's documentation for more information. 

6. Select **[Save]** to accept, or **[Cancel]** to exit without saving changes.
7. To apply new settings, go to: Configuration Client > Tools > Refresh Configuration.

Discount Coupon Tab

POP Discount Coupon Line Items are optional. They are used to record a miscellaneous note or related promotion on a receipt.

1. From POP Discount Configuration, select the **[Discount Coupon]** tab.



2. Configure the POP Discount Coupon parameters.

Value	Description
Discount Coupon	
Line 1	Prints on Line 1 of the coupon **<1 - 20 characters>.**
Line 2	Prints on Line 2 of the coupon **<1 - 20 characters>.**
Line 3	Prints on Line 3 of the coupon **<1 - 20 characters>.**

3. Select **[Save]** to accept, or **[Cancel]** to exit without saving changes.
4. To apply new settings, go to: Configuration Client > Tools > Refresh Configuration.

Log out and back in to all Topaz terminals after any setting modifications to allow these changes to take affect.

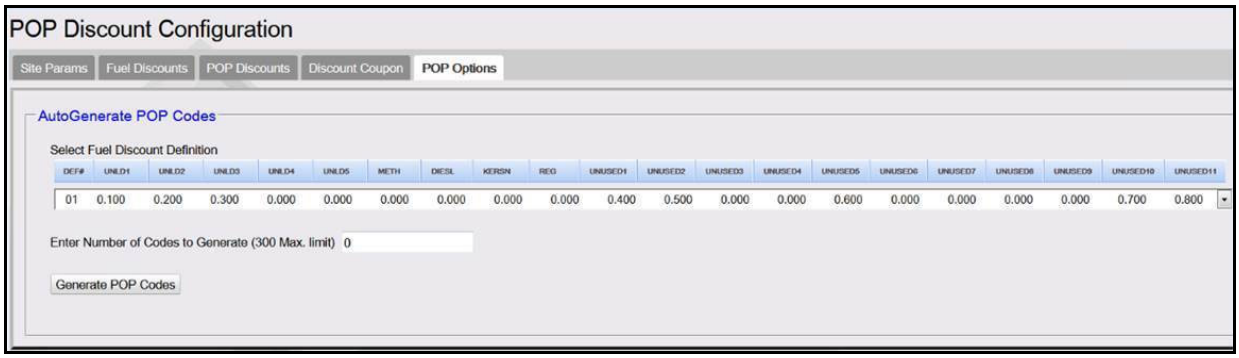
Auto Generate POP Discount Codes

Utilizing this feature will create a set of valid POP Codes for an external program to reference.

The generated POP Discount Codes will be added to the transSet document, also known as the Daily Transaction Log, to be parsed out as needed.

The POP Options tab provides a detailed layout of fuel products with the list of POP Discount definitions and perspective discount amounts across each grade.

1. From POP Discount Configuration, select the [POP Options] tab.



2. Select a Fuel Discount definition from the drop down menu.
3. Enter the number of desired codes to generate.
4. Click the Generate POP Codes button.

The maximum number of codes that may be generated per Fuel Discount Definition is 300.

3 Using POP Discount

Depending on the program type, the system may prompt for membership or for a POP code when a fuel sale is added to the transaction.

Because POP discount is an automated discount, the cashier functions don't change while the program is active.

Basic POP Discount Functionality

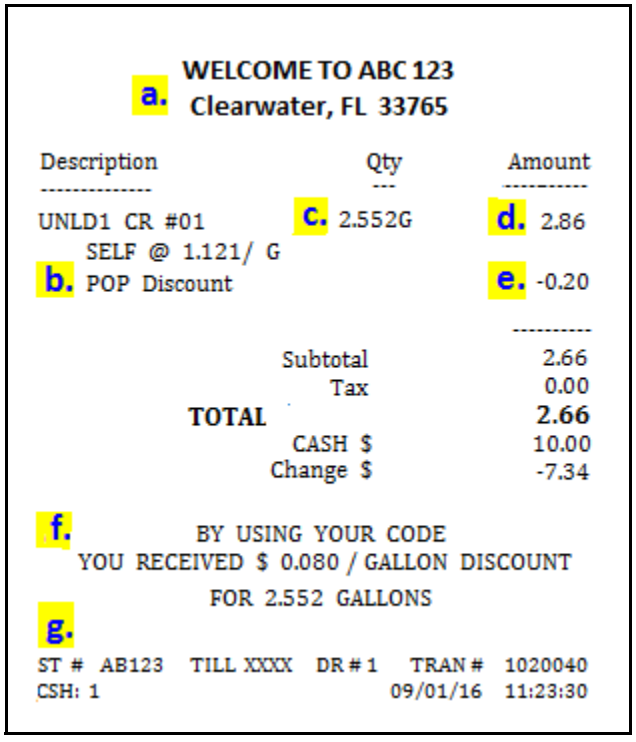
Basic POP Discount functionality involves:

- Setting up a POP Discount.
- Setting up a qualifier.
  - A qualifying fuel sale with another item that qualifies a transaction.
  - Criteria to qualify the transaction.
- Meeting the criteria.

Once the criteria is met to qualify the transaction, the consumer receives the POP Discount.

POP Discount Code, Inside Fuel Sale: Redeeming a Code

1. Touch the **[Pump Number]**.
2. Enter in the **[Discount Code].**
3. Select **[OK]** or press **[ENTER]**.
4. The receipt prints:
   a. receipt header
   b. transaction description
   c. fuel quantity dispensed
   d. fuel transaction amount
   e. pop discount
   f. code discount
   g. code approval acknowledgment

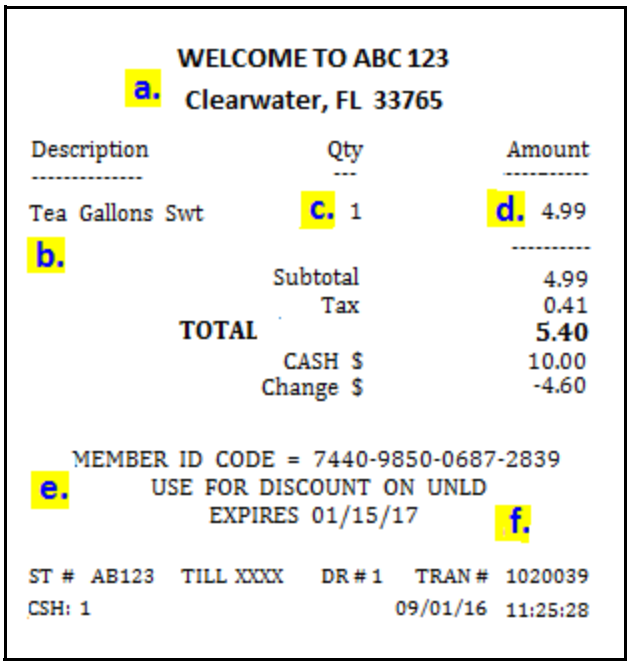


Manual POP Discount (Administering a POP Code or Coupon)

The Manual POP discount option provides either a coupon or free POP code (with Basic + Code program type).

The cashier has the option of offering the award to customers at their discretion.

1. Select **[OTHER FUEL].**
2. In the Other Fuel Functions menu, select **[Manual POP Discount]**.
3. In the POP Award menu, select **<Generate Code** or **Generate Coupon>**.
4. The discount code or coupon receipt prints:
   a. receipt header
   b. transaction description
   c. quantity dispensed
   d. PLU transaction amount
   e. member ID code
   f. POP discount or coupon expiration date



POP Membership Discount, Inside Sales

1. Touch the **[Pump Number].**
2. Enter the **[ID]** or scan/swipe a membership card.

*Instead of prompting on a fuel sale, the clerk may need to touch or press **[POP MEMBER CARD]** before presenting the member card.*

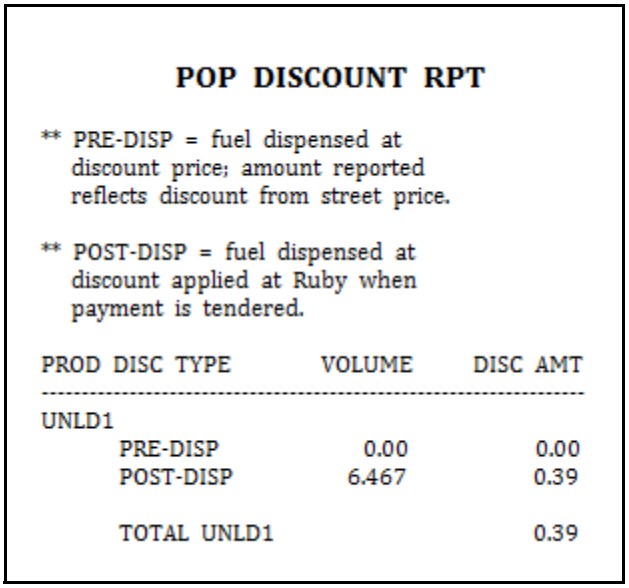
4 REPORTING

POP Discount Report

The POP Discount Report displays discounts applied by fuel grade. Within each grade, the report breaks down how the discount is applied, either as a pre-dispensed discount or a post-dispensed discount.

When fuel is dispensed at the discounted rate, the amount of the discount is not included in the sales information. Therefore, it is calculated by subtracting the actual amount from what they would have paid at the street price.

The discount amount is not reported as a discount to that department. Nor, is it reflected in either the Discount or Fuel Discount memo item totals. It is reflected only in the POP Discount Report as a pre-dispensed ***PRE-DISP*** discount.



POP DISCOUNT RPT

** PRE-DISP = fuel dispensed at discount price; amount reported reflects discount from street price.

** POST-DISP = fuel dispensed at discount applied at Ruby when payment is tendered.

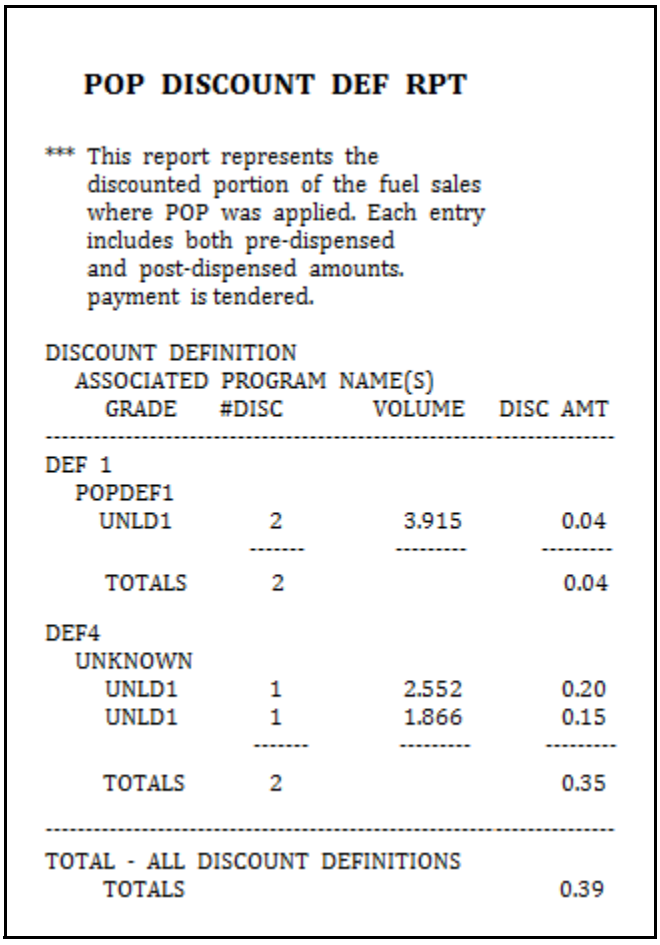
PROD	DISC TYPE	VOLUME	DISC AMT
UNLD1			
	PRE-DISP	0.00	0.00
	POST-DISP	6.467	0.39
	TOTAL UNLD1		0.39

Report Details:

- **TITLE:** POP Discount RPT.
- **PROD:** Fuel grade.
- **DISC TYPE:** Indicates the discounts applied on pre-dispensed fuel and post-dispensed fuel.
- **VOLUME:** Volume of fuel pumped from the tank.
- **DISC AMT:** Amount discounted on the volume dispensed.

POP Discount Definition Report

The POP Discount Definition Report saves the discounted portion of the fuel sales where POP is applied. The report prints both pre-dispensed and post-dispensed transactions.



POP DISCOUNT DEF RPT

*** This report represents the discounted portion of the fuel sales where POP was applied. Each entry includes both pre-dispensed and post-dispensed amounts. payment is tendered.

DISCOUNT DEFINITION / ASSOCIATED PROGRAM NAME(S) / GRADE	#DISC	VOLUME	DISC AMT
DEF 1			
POPDEF1			
UNLD1	2	3.915	0.04
TOTALS	2		0.04
DEF4			
UNKNOWN			
UNLD1	1	2.552	0.20
UNLD1	1	1.866	0.15
TOTALS	2		0.35
TOTAL - ALL DISCOUNT DEFINITIONS			
TOTALS			0.39

Report Details:

- **TITLE:** POP Discount DEF RPT.
- **GRADE:** Fuel grade.
- **DISC TYPE:** Indicates the discounts applied on pre-dispensed fuel and post-dispensed fuel.
- **VOLUME:** Volume of fuel pumped from the tank.
- **DISC AMT:** Amount discounted on the volume dispensed.
- **TOTAL DISCOUNT DEFINITIONS:** Total of all discount definitions listed.

POP Discount Program Report

The POP Discount Program Report includes the same data as the Pop Discount Definition Report except it sorts and prints by the POP program id.

Report Details:

- **PRINTED:** Date and time the report was printed.
  - **MM/DD/YY:** Date in month, date year format.
  - **HH:MM:SS:** Time in hour, and minutes.
- **STORE #:** Identifies the store location the report was generated.
- **REGISTER #:** Identifies the register the report was generated.
- **SHIFT:** Identifies the shift the report was generated.
- **CASHIER:** Identifies the individual who generated the report.
- **OPEN SHIFT:** Start of shift date/ time.
  - **MM/DD/YY:** Date in month, date year format.
  - **HH:MM:SS:** Time in hour, and minutes.
- **CLOSE SHIFT:** End of shift date/ time.
  - **MM/DD/YY:** Date in month, date year format.
  - **HH:MM:SS:** Time in hour, and minutes.

POP DISCOUNT PROGRAM REPORT

*** This report represents the discounted portion of the fuel sales where POP was applied. Each entry includes both pre-dispensed and post-dispensed amounts. payment is tendered.

PROGRAM NAME / DISCOUNT DEFINITION / GRADE	#DISC	VOLUME	DISC AMT
UNKNOWN			
DEF 4			
UNLD1	1	2.552	0.20
TOTAL	1	2.552	0.20
POPDEF1			
DEF 1			
UNLD1	2	3.915	0.04
TOTAL	2	3.915	0.04
POPDEF2			
DEF 4			
UNLD1	1	1.866	0.15
TOTAL	1	1.866	0.15
TOTAL - ALL DISCOUNT PROGRAMS			
TOTALS	4		0.39

- **TITLE:** POP Discount Program Report.
- **GRADE:** Fuel grade.
- **DISC TYPE:** Indicates the discounts applied on pre-dispensed fuel and post-dispensed fuel.
- **VOLUME:** Volume of fuel pumped from the tank.

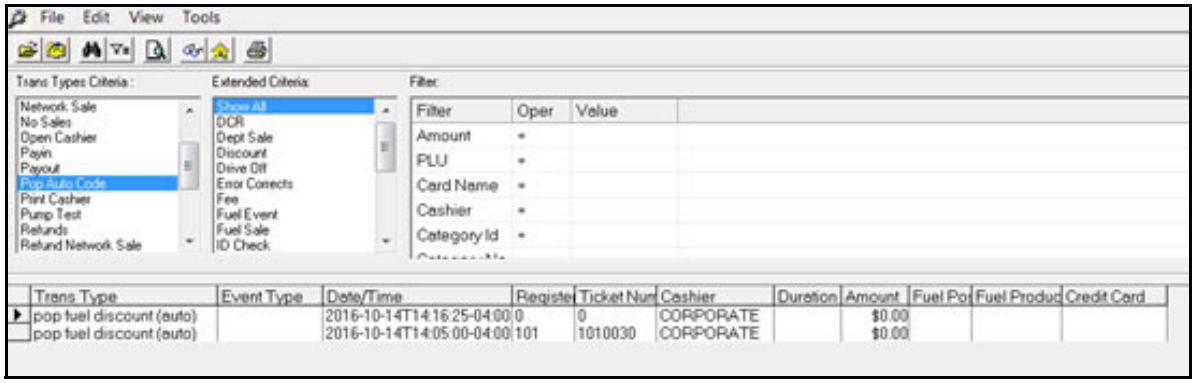
- **DISC AMT:** Amount discounted on the volume dispensed.

POP Discount Transaction Viewer

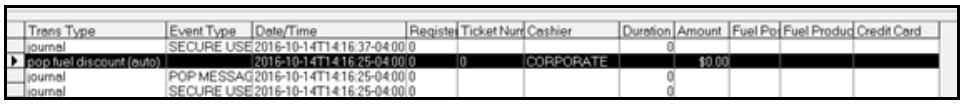
The Transaction Viewer allows a user to filter POP Auto code transactions by the new transaction type “Pop Auto Code”.

The filters are as follows:

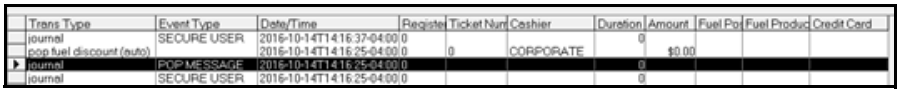
- No Sales
- Open Cashier
- Pay-in
- Payout
- Pop Auto Code



Auto generated POP Discount codes can also be viewed by selecting the item in the row listing:



Or accessing the journalized version “FREE POP AUTO CODE” by selecting the transaction type “journal”:



5 TROUBLESHOOTING

Error Code Table

Error Code	Message	Description
E1244	POP CODE REJECT - INVALID CODE	POP Code provided and rejected – code does not meet requirements of internally defined algorithm.
E1245	POP CODE REJECT - EXPIRED CODE	POP Code provided and rejected as expired code based on when code was generated and the configuration setting of “number of days POP Code valid” in Sales Config.
E1246	POP CODE REJECT - PREV REDEEMED	POP Code provided and rejected – same code has been flagged as previously redeemed.
E1247	POP CODE REJECT - INVALID DISC	POP Code provided and rejected because a discount has already been applied to the fuel purchase. (POP cannot apply to an already discounted fuel purchase).
E1254	MEMBER ID CARD REJECTED	Membership card scanned for POP discount is not valid.
E1265	(POP Discount Message) ALREADY APPLIED	Attempted to apply a POP Discount at the terminal when a POP Discount has already been applied at the DCR.